

Shri Shivaji Education Society, Amravati's  
**SHRI SHIVAJI SCIENCE & ARTS COLLEGE,**  
**CHIKHLI, DIST. BULDANA.**

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**DEPARTMENT OF MATHEMATICS**



*"IMAGINATION IS MORE IMPORTANT THAN KNOWLEDGE"*

## **Annual Report: 2014-15**

Mathematics is used throughout the world as an essential tool in many fields, including natural science, engineering, medicine, finance and the social sciences. Galileo Galilei said that The Universe cannot be read until we have learned the language and become familiar with the characters in which it is written. It is written in mathematical language, and the letters are triangles, circles and other geometrical figures, without which means it is humanly impossible to comprehend a single word. Gauss referred to mathematics as "the Queen of the Sciences". Department of Mathematics has organized following activities in academic session 2014-15.

### **1. Guest Lecture:**

The Department of Mathematics has organized a Guest Lecture of Prof. Arvind S. Patil, Associate Professor, Department of Mathematics, Jijamata Mahavidyalaya, Buldana on 19<sup>th</sup> August 2014. He delivered a lecture on the topic "Mathematics: Basic Difficulties and its solutions". He illustrates his ideas on basic difficulties faced by student during study.

### **2. Organization of Welcome Function:**

The Department of Mathematics has organized welcome function for B. Sc. I<sup>st</sup> year students on 30<sup>th</sup> August 2015. Dr. S. R. Sirsat, Associate Professor and Head, Department of Computer Science; Mrs. S. A. Katole, Associate Professor and Head, Department of

Electronics; Dr. S. I. Jukkalkar, Assistant Professor, Department of English were guest for the function. They focused on Career Opportunities for Science graduate students in different areas. Dr. A. M. Garode, Professor and Head, Post Graduate Department of Microbiology presided over the function. He expressed his idea by giving examples of successful persons. Mr. S. A. Salve, Assistant Professor and Head, Department of Mathematics gives an introductory speech on purpose of event.

The next part of the program was full of fun and joy which included introduction of every student of B. Sc. I<sup>st</sup> year and some group games. On this basis, Mr. Suraj Gaikwad and Miss. Ashwini Jadhav choose as Mr. Fresher & Miss. Fresher respectively. At last, the refreshment was arranged for all students and guest. All B. Sc. Students and other department faculty members remain present for the function. Mr. A. S. Sontakke (Lecturer, C.H.B.) expressed his vote of thanks to make the function a great success. Mr. Rahul Chavhan & Miss. Pooja Khatri (B. Sc. II year students), anchored the program nicely.

### **3. Celebration Birth anniversary of Srinivasa Ramanujan:**

The Department of Mathematics has organized Birth Anniversary of Srinivasa Ramanujan on 22<sup>nd</sup> December 2014. Mr. K. D. Pensionwar, Associate Professor and Head, Department of Microbiology was chief guest of the function. In his speech, he focused on researches made by Srinivasa Ramanujan and he also told that his life is motivated to each and every researcher of the world. Dr. M. B. Sonune, Professor, Department of Zoology presided over the function. Miss. T. V. Tongse, Junior College Teacher gives an introductory speech on purpose of program. Mr. Amit S. Agrawal (B. Sc. II year student) anchored the program. Miss. K. T. Khan (Lecturer, C.H.B.) expressed his vote of thanks to make the function a great success.

### **4. Participation of Students in University Level Inter-Collegiate Seminar Competition:**

Miss. Apeksha R. Yewale and Miss. Ashwini S. Theng students of B.Sc. Part II participated in University level Inter-collegiate Seminar Competition jointly organized by Smt. Gopikabai Sitaram Gawande Mahavidyalaya, Umardhed, Dist. Yawatmal and SGBAU Mathematics Teacher Association, Amravati. They read their paper on “Advanced Calculus” by using power point presentation on 20<sup>th</sup> September 2014. They have received participation certificates from organizing Secretary.

Also, Mr. Pratik S. Hatekar and Mr. Amol B. More students of B.Sc. III participated in University level Inter-collegiate Seminar Competition jointly organized by Matoshri

Nanibai Gharphalkar Science College, Babhulgaon, Dist. Yavatmal and SGBAU Mathematics Teacher Association, Amravati. They read their paper on “Calculus” by using power point presentation on 18<sup>th</sup> February 2015. They have received participation certificates from organizing Secretary.

#### **5. Research Activities:**

Faculty members of the department participated in Several Conferences and workshops. Mr. S. A. Salve, Assistant Professor and Head and Mr. A. S. Sontakke (Lecturer, C.H.B.), Department of Mathematics participated in 02 International Conferences. They presented 02 research papers in International conference. During year, 02 and 03 research papers of Mr. S. A. Salve and Mr. A. S. Sontakke have been published in peer reviewed international journal.

**Prof. Sanjay A. Salve**

Asst. Prof. & Head

Dept. of Mathematics