

## **Annual Report of the Year 2019-20**

### **Department of Mathematics**

(Shri Dnyanesh Mahavidyalaya, Nawargaon, 441223)

#### ➤ Faculty

**Mr Ankosh Ramteke**

(Assistant professor and Head)

**Mr Ratnakar Gurnule**

(CHB Lecturer)

This year in the department, the new faculty Ankosh Ramteke was appointed as Assistant professor and head, and Mr Ratnakar Gurnule as Contributory lecturer. The department is successful in maintaining the quality of teaching-learning process. On an average, 90% of the regular syllabus was covered in both the sessions and remaining part of the syllabus was left on to the students for self-learning. Several methods were used in teaching to enhance the knowledge and interest of students, these include regular classroom teaching, virtual classroom teaching, home assignments, online and offline tests, and providing reference books which can boost the regular learnings. The final results were found satisfactory and stats of all these are tabulated below.

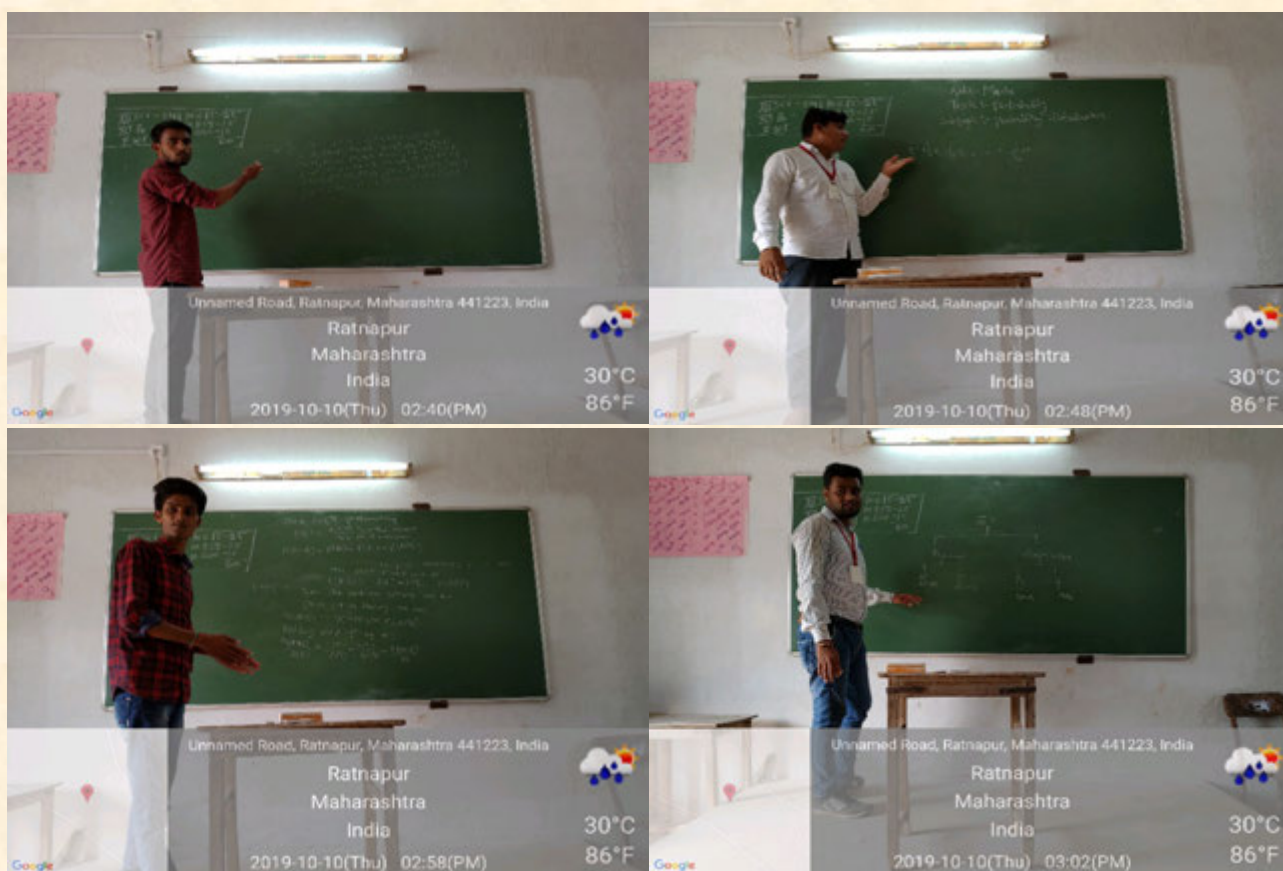
	<b>B.Sc. I</b>		<b>B.Sc. II</b>		<b>B.Sc. III</b>	
<b>Number of students admitted</b>	<b>37</b>		<b>18</b>		<b>26</b>	
	<b>SEM I</b>	<b>SEM II</b>	<b>SEM III</b>	<b>SEM IV</b>	<b>SEM V</b>	<b>SEM VI</b>
<b>Number of Students appeared for exam</b>	37	34	18	18	26	26
<b>Number of successful students</b>	26	34	11	18	26	26
<b>Number of unsuccessful students</b>	11	00	07	00	00	00
<b>Success Percentage</b>	70.27%	100%	61.11%	100%	100%	100%

## ➤ Activities

The department believes that only covering of regular syllabus is not enough to enhance the subject knowledge among the students. Therefore, department has organized few activities to keep students active to learning throughout the year.

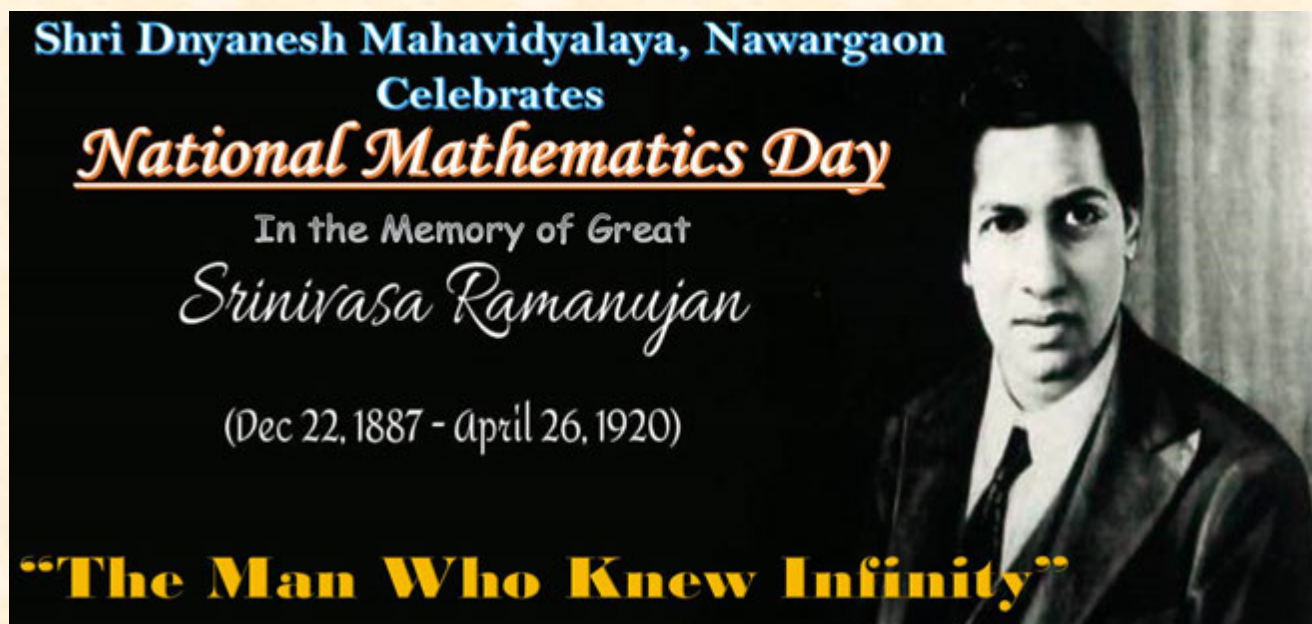
### Classroom Seminar

Department of Mathematics organised a classroom seminar for B.Sc. final year students on 10<sup>th</sup> of October 2019. The objective of the seminar was to make the students confident enough to express their own and overcome their stage fright. Developing subject knowledge and communication skills in the classroom were also the motives which intended us to organise this seminar. Almost all the students were present in this activity with enthusiasm. Students selected their own topic for this seminar. Many students said, "this activity made them realise that learning goes better by teaching." In the feedback of the program, it observed that the students are interested to participate such activities regularly.





## National Mathematics Day



Department of Mathematics celebrated **National Mathematics Day** and also inaugurated the Mathematical Society by the hands of Principal Dr Suresh Bakre. The day 22<sup>nd</sup> Dec, birth anniversary of great Ramanujan remembered every year by whole nation as **National Mathematics Day** and was declared so by ex-Prime Minister of India Dr Manmohan Singh at Madras University in 2012.

The program was hosted by Department of Mathematics and chaired by Dr Bakre, Principal of the College. While addressing the students he spoke “There is need to organise such types of National and International events for all over development of students” and highlighted Ramanujan’s life and work. Mr. Ankosh Ramteke, Head, Department of Mathematics compered the program. The faculties from Science Mr. Ratnakar Gurnule, Mr. Balbudhe and Dr Ujede from the humanities graced the event. The movie “The Man Who Knew Infinity” was also shown to the presentees in the memory of great Ramanujan. A vote of thanks was proposed by Akshay Borkar.



### **Introduction to Google classroom, Edmodo and online exam**

During the COVID19 pandemic, department of Mathematics communicated with students on social platform and guided them the new way of learning i.e. e-learning. In this activity, students were introduced to google classroom, Edmodo classroom and taught how they can use these e-learning platforms to access reading material, video lectures, assignments and online quizzes. All guidance and instructions were given on the WhatsApp group.

Link of WhatsApp groups

<https://chat.whatsapp.com/EawfZxaA2aaACR0Yk8WKZ8>

<https://chat.whatsapp.com/LfBjcmZdDpDKnGaZ6oiGjM>

<https://chat.whatsapp.com/DzLXg9SigM43I99Vkc1HxZ>

Link of Edmodo classroom

[www.edmodo.com/profile/edmodo-teacher-b2b9cdd96c](http://www.edmodo.com/profile/edmodo-teacher-b2b9cdd96c)

Link of Google classroom

<https://classroom.google.com/u/0/c/OTM3Nzk4MjIxMjha>

- **Participation in Seminars/ Webinars/ Conferences/ Workshops/ Faculty development programs/ Orientation/ Refresher/ Induction program.**  
**Ankosh Ramteke**

S/N	Webinars/Seminar	Organizer	Date/Duration
1	One day National seminar on “New national education policy-2019”	Dr Babasaheb Ambedkar Gondwana University Teachers association, Chandrapur	01/09/2019
2	One day National level Seminar on Intellectual Property Right (IPR)	Shri Dnyanesh Mahavidyalaya, Nawargaon	12/09/2019
<b>**Lockdown Period</b>			
3	Webinar on Effective presentation skills using ICT tools	Dr Anwar Sheikh, Knowledge Publications and Chemtoons YouTube Channel	26/04/2020
4	Webinar on Use of Google forms and Testmoz to conduct online test	Dr Anwar Sheikh, Knowledge Publications and Chemtoons YouTube Channel	18/04/2020
5	Webinar on E-content development	Dr Vishwanath Bite, Research centre for English language and literature	10/04/2020
6	Webinar on Higher Education Scenario in India while Living	Prerna College of Commerce, Nagpur	01/05/2020 to 02/05/2020

	with COVID19 in the Years to Come		
7	National Online Seminar on "Creation of MOOCs"	IQAC, Kirti M. Doongurse College of Arts, Science and Commerce Dadar Mumbai 28	27/04/2020
8	Webinar on "NAAC Revised Accreditation Framework 2020"	Rubrics Softcon Private Limited, Pune	30/04/2020
9	One day webinar on "Enhancing Research Effectiveness using Scopus, Science direct and Mendeley"	Faculty Development Centre Kurukshetra University, Kurukshetra In collaboration with Elsevier (Under the Aegis of PMMMNMTT, MHRD, GOI)	01/05/2020
10	Webinar on CAS promotion and Issues	Dnyandeo Mohekar Mahavidyalaya, Kalamb	20/05/2020
11	State level webinar on "A Walk Down the Memory Lane: The Life and Work of Professor S. S. Shrikhande"	Department of Mathematics, Ramnarain Ruia Autonomous College, under the aegis of RUSA	30/05/2020
12	One day National webinar on "Techniques of acquiring API score and submitting PBAS for University and college teachers"	IQAC, Lokmanya Mahavidyalaya, Warora	24/06/2020
13	National webinar on differential equation and applications	Malla Reddy Institute of Technology and Science	28/06/2020
14	Webinar on "Pre-requisite to start research in Mathematics"	Department of Engg Sciences, Amrutvahini college of Engg, Sangamner	23/06/2020
<b>S/N</b>	<b>Workshop</b>	<b>Organizer</b>	<b>Date/Duration</b>
1	One day workshop on "Recent advances in Ph.D. guidelines, Paper publication and IPR"	Gondwana University, Gadchiroli	03/03/2020
<b>**Lockdown Period</b>			
2	Three Days Online workshop on Research Methodology	REST Society for Research International	18/04/2020 to 20/04/2020

		(RSRI), Krishnagiri, Tamil Nadu, India	
3	One Day online Workshop on “Empowering Effective Scientific Research by Harnessing the Power of Web of Science & Managing References Using Endnote”	Guru Nanak Dev University Amritsar School of Education Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching MHRD, Govt. Of India in collaboration with Clarivate analytics	20/05/2020
<b>S/N</b>	<b>Conference</b>	<b>Organizer</b>	<b>Date/Duration</b>
1	One day National Conference On “Recent Trends in Mathematical, Physical, Chemical, Library and Life Science” NCRTMPCLS-2020	Nilkanthrao Shinde Science & Arts College, Bhadrawati	07/02/2020
<b>**Lockdown Period</b>			
2	Online International Conference on “Advances in Physical, Mathematical & Computational Sciences”	Faculty of Physical Sciences, St. Aloysius’ College (Autonomous), Jabalpur	12/06/2020 to 13/06/2020
<b>S/N</b>	<b>Faculty development program</b>	<b>Organizer</b>	<b>Date/Duration</b>
<b>**Lockdown Period</b>			
1	Three Day FDP on Introduction to computers	SP College Chandrapur in association with spoken tutorial IITB	23/04/2020 to 25/04/2020
2	Five Day FDP on ICT tools	SRTM University, Nanded	27/04/2020 to 02/05/2020
3	One Week FDP on Scilab	Rajarshi Shahu Mahavidyalaya, Latur in association with spoken tutorial IITB	01/05/2020 to 07/05/2020
4	Five Day FDP on basics of R programming	Department of computer science and Engg, Rajiv Gandhi University, Arunachal Pradesh in association with spoken tutorial IITB	29/04/2020 to 03/05/2020

5	One Week FDP on Moodle Learning Management System	Bannari Amman Institute of Technology in association with IITB Spoken tutorials	18/05/2020 to 24/05/2020
6	Two-week FDP on “Managing online classes and Co-creating MOOCs:2.0”	TLC, Ramanujan college, DU, Delhi	18/05/2020 to 03/06/2020
<b>S/N</b>	<b>Faculty Improvement program</b>	<b>Organizer</b>	<b>Date/Duration</b>
	10 Day Online Faculty Improvement Programme	Prerna College of Commerce, Nagpur	11/05/2020 to 20/05/2020
<b>S/N</b>	<b>Orientation/Induction program</b>	<b>Organizer</b>	<b>Date/Duration</b>
<b>**Lockdown Period</b>			
1	Online Induction Training/Orientation Programme	TLC, Ramanujan College in association with Research Development and Services Cell, Ramanujan College, University of Delhi	04/06/2020 to 01/07/2020

➤ **Contribution in committees**  
**Ankosh Ramteke**

<b>S/N</b>	<b>Committee</b>	<b>Chairman/Member</b>
1	Seminar/Workshop and Conference	Member
2	Exam Committee	Member
3	Result Analysis	Member
4	NIRF	Member
5	Feedback	Member

**Mr. Ankosh A Ramteke**

(Assistant professor and Head,  
 Department of Mathematics  
 Shri Dnyanesh Mahavidyalaya, Nawargaon)

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