

**RUSA Sponsored**

## One Day Hands on Workshop on Advanced Techniques in Plant Sciences

For B. Sc. III Students and Teacher

Date: 28<sup>th</sup> Aug. 2019

Organized by

Department of Botany, Yashwantrao Chavan Institute of Science, Satara



### Invitation

Dear Sir/Madam,

With immense pleasure, we invite you to participate in the "One Day Hands on Workshop on Advanced Techniques in Plant Sciences" for B. Sc. III Students and Teachers being organized by Department of Botany, Yashwantrao Chavan Institute of Science, Satara on 28<sup>th</sup> August 2019 (Wednesday). We look forward to welcome you at our institute.

### About the Sanstha

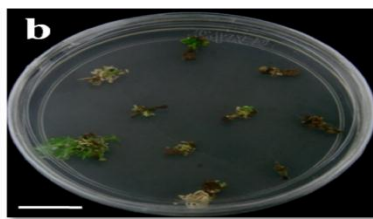
The Rayat Shikshan Sanstha Established in 1919 by a great visionary Late. Padmabhushan Dr. Karmaveer Bhaurao Patil with one hostel as its entity, is today one of the largest educational institute in India providing education to 4.5 lakh students through its 675 branches spread over 15 districts with a Huge human resource of nearly 20,000 employees among whom 152 are Ph. D. Guides affiliated to different universities in Maharashtra, India. For additional information one can refer [www.erayat.org](http://www.erayat.org).

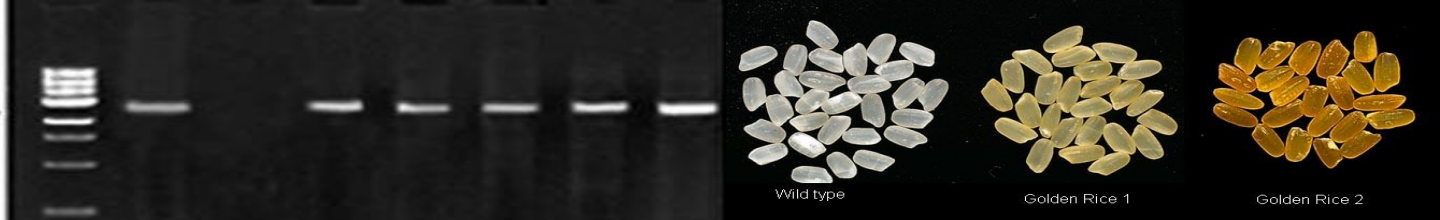
### About Yashwantrao Chavan Institute of Science

Yashwantrao Chavan Institute of Science is one of the forty two Colleges run by the Rayat Shikshan Sanstha. The institute founded in 1965 is today one of the leading science institute in the Shivaji University, Kolhapur. The institute was accredited recently (2016) by NAAC in "A<sup>++</sup>" grade with CGPA score of 3.57. The institute also has ISO 9001-2015 certification. It is recognized by UGC as College with Potential for Excellence. The institute has been granted aid by DBT under Star College Scheme, DST under FIST scheme. The institute equipped with excellent, sports, library, infrastructural and research facilities imparts education from UG to PG, catering to the needs of more than 6000 students.

### About the Workshop

The main objective of the workshop is to impart the knowledge of basic molecular biology techniques involved in Plant Sciences. To create keen interest among the students and faculty. To introduce the importance and role of modern techniques in graduate and post graduate studies and in research.





### Topics to be covered:

1. Plant Genomic DNA isolation and quantification.
2. Demonstration of Polymerase Chain Reaction (PCR)
3. Agarose Gel Electrophoresis and SDS-PAGE
4. Protoplast Isolation
5. Tissue Culture
6. Lecture on rDNA technology and Southern Blotting

### Venue

Department of Botany, Yashwantrao Chavan Institute of Science, Satara

### Important Dates

Last Date for application: 26<sup>th</sup> August 2019

Date of the event: 28<sup>th</sup> August 2019

### Registration

Spot registrations kindly be avoided. Candidates should register their name through email: [ycis.botany@gmail.com](mailto:ycis.botany@gmail.com)

Category	Before 12 <sup>th</sup> August 2019
For UG and PG students	50/-
College teachers/ Faculty/Research Scholars	150/-

There is no provision of accommodation, TA and DA for participants.

### Correspondence and Inquiry

Dr. M. L. Ahire (Coordinator), Department of Botany, Y. C. I. S., Satara  
(Mob. No. 9552504530)

#### Organizing Committee

##### Chairman

Prin. Dr. K. G. Kanade

##### Convener

Dr. Mrs. V. C. Karande  
UG Dean and Head  
Dept. of Botany, YCIS, Satara

##### Coordinator

Dr. M. L. Ahire  
Assistant Professor  
Dept. of Botany, YCIS, Satara

