

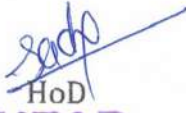


Shiv Chhatrapati Shikshan Sanstha's  
**Rajarshi Shahu Mahavidyalaya, Latur**  
(Autonomous)

Department of Physics and Electronics

Achievements- 2020-21

Sr. No.	Particulars	Date
1	Guest Lecture on Development of Appropriate Skills and Career Planning by Prof. Anil N. Kalyankar, HoD, Physics, Bahirji Smarak Mahavidyalaya Basmatnagar, Hingoli.	05/12/2020
2	Guest Lecture on Physics and Social Sciences by Prin. Dr. Kishor Gangakhedkar, Pratibha Niketan Mahavidyalaya, Nanded.	10/04/2021
3	One Week Online Faculty Development Program (FDP) On Photonics (Active Learning in Optics and Photonics)	03/11/2020 to 07/11/2020

  
HoD

**HEAD**

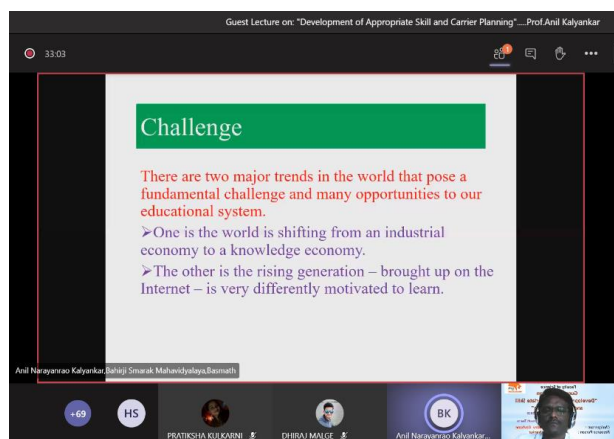
Department of Physics & Electronics  
Rajarshi Shahu Mahavidyalaya, Latur  
(Autonomous)

  
Principal  
**PRINCIPAL**

Rajarshi Shahu Mahavidyalaya, Latur  
(Autonomous)



## Guest Lecture on “Development of Appropriate Skills and Career Planning” on 05/12/2020



Guest Lecture on: "Development of Appropriate Skill and Carrier Planning" —Prof.Anil Kalyankar

33:03

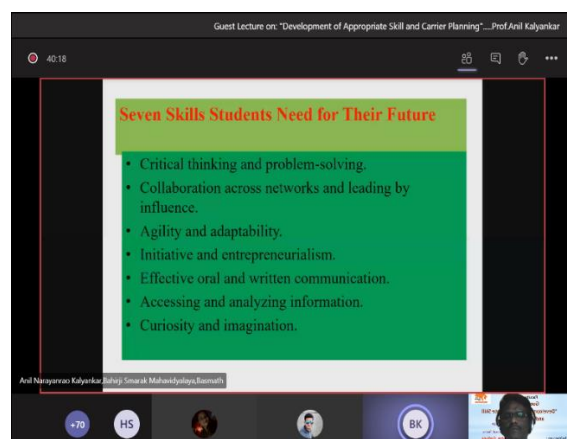
### Challenge

There are two major trends in the world that pose a fundamental challenge and many opportunities to our educational system.

- One is the world is shifting from an industrial economy to a knowledge economy.
- The other is the rising generation – brought up on the Internet – is very differently motivated to learn.

Anil Narayanao Kalyankar, Bhatiji Smarak Mahavidyalaya, Basmath

PRATIKSHA KULKARNI DHIRAJ MALGE Anil Narayanao Kalyankar



Guest Lecture on: "Development of Appropriate Skill and Carrier Planning" —Prof.Anil Kalyankar

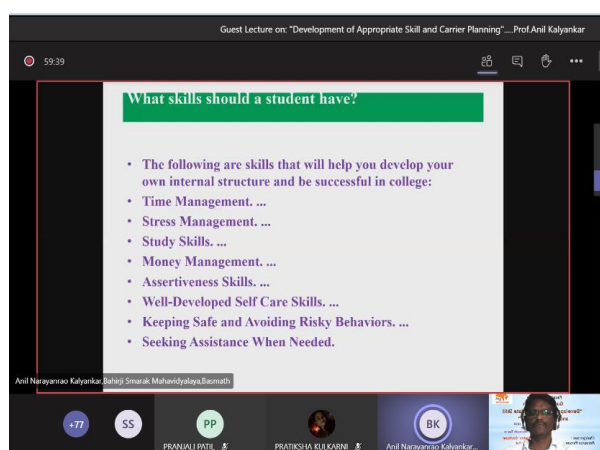
40:18

### Seven Skills Students Need for Their Future

- Critical thinking and problem-solving.
- Collaboration across networks and leading by influence.
- Agility and adaptability.
- Initiative and entrepreneurialism.
- Effective oral and written communication.
- Accessing and analyzing information.
- Curiosity and imagination.

Anil Narayanao Kalyankar, Bhatiji Smarak Mahavidyalaya, Basmath

PRATIKSHA KULKARNI DHIRAJ MALGE Anil Narayanao Kalyankar



Guest Lecture on: "Development of Appropriate Skill and Carrier Planning" —Prof.Anil Kalyankar

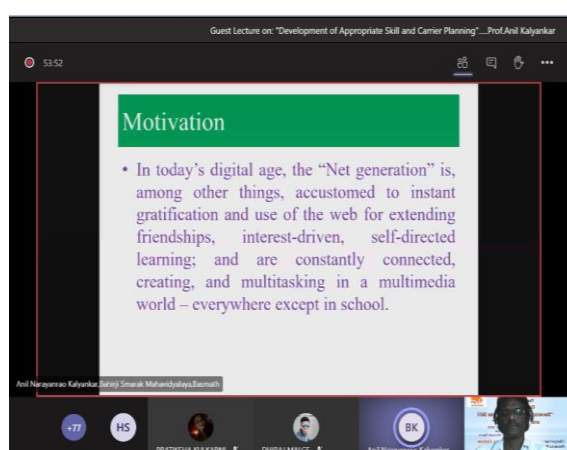
59:39

### What skills should a student have?

- The following are skills that will help you develop your own internal structure and be successful in college:
- Time Management. ...
- Stress Management. ...
- Study Skills. ...
- Money Management. ...
- Assertiveness Skills. ...
- Well-Developed Self Care Skills. ...
- Keeping Safe and Avoiding Risky Behaviors. ...
- Seeking Assistance When Needed.

Anil Narayanao Kalyankar, Bhatiji Smarak Mahavidyalaya, Basmath

PRANALI PATIL PRATIKSHA KULKARNI Anil Narayanao Kalyankar



Guest Lecture on: "Development of Appropriate Skill and Carrier Planning" —Prof.Anil Kalyankar

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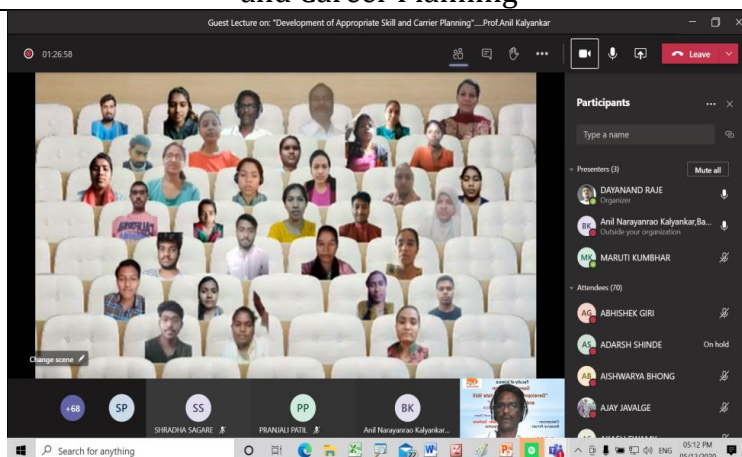
### Motivation

- In today's digital age, the “Net generation” is, among other things, accustomed to instant gratification and use of the web for extending friendships, interest-driven, self-directed learning; and are constantly connected, creating, and multitasking in a multimedia world – everywhere except in school.

Anil Narayanao Kalyankar, Bhatiji Smarak Mahavidyalaya, Basmath

PRATIKSHA KULKARNI DHIRAJ MALGE Anil Narayanao Kalyankar

Prof. Anil Kalyankar addressing the participants about Development of Appropriate Skills and Career Planning



Guest Lecture on: "Development of Appropriate Skill and Carrier Planning" —Prof.Anil Kalyankar

01:26:58

Participants

Type a name

Presenters (3)

- DAVANAND RAJE
- Anil Narayanao Kalyankar, Ba...
- MARUTI KUMBHAR

Attendees (70)

- ABHISHEK GIRI
- ADARSH SHINDE
- AISHWARYA BHONG
- AJAY JIWALGE

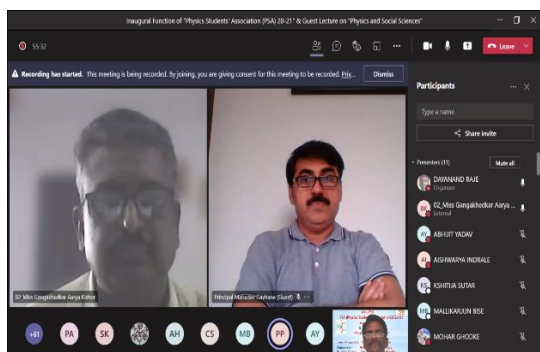
SHRADHA SAGARE PRANALI PATIL Anil Narayanao Kalyankar

Search for anything

05:12 PM 05/12/2020

Participants during Guest Lecture on “Development of Appropriate Skills and Career Planning”

**Guest Lecture on Physics and Social Sciences by Prin. Dr. Kishor Gangakhedkar,  
Pratibha Niketan Mahavidyalaya, Nanded on 10/04/2021**



Prin. Dr Kishor Gangakhedkar delivering speech on “Physics and Social Science

Dr Mahadev Gavhane during presidential address of the guest lecture



**Rajarshi Shahu Mahavidyalaya (Autonomous),  
Latur(MS)**



**PSA (Physics Students' Association) 2020-21**



**Inaugural Function  
& Guest Lecture on  
“Physics and Social Sciences”**

**Date: 10<sup>th</sup> April 2021; Time: 3.30pm; Meet : Microsoft Teams**

**Chairperson : Prin. Dr. Mahadev Gavhane**

**Resource Person : Prin. Dr. Kishor Gangakhedkar**

**Dr. D.V. Raje**  
Director

**Dr. A.A. Yadav**  
HoD & IQAC  
Coordinator

**Prof. S. N. Shinde**  
Vice-Principal

**Dr. A. J. Raju**  
Vice-Principal

**Dr. M.H. Gavhane**  
Principal



## Patrons

### Hon. Dr. Gopalrao Patil

President, Shiv Chhatrapati Shikshan Sanstha (SCSS), Latur

### Hon. Prin. Aniruddha Jadhav

Secretary, SCSS, Latur

### Dr Ravsaheb Kavle

Member, SCSS, Latur

## Advisory Committee

### Dr G.N. Shinde, Principal, Yashwant

Mahavidyalaya, Nanded

### Dr Rajaram Mane, Director, IIC, SRTM

University, Nanded

### Dr M.K. Patil, Director, School of Physical

Sciences, SRTM University, Nanded

### Dr A.C. Kumbharkhane, Professor,

School of Physical Sciences, SRTMU, Nanded

### Dr Vikas Patil, Professor, School of

Physical Sciences, Solapur University.

## Organizing Committee

### Chief Organizer and FDP Director

### Dr. Mahadev Gavhane, Principal

### Joint Organizer

### Dr. A. J. Raju, Vice-Principal

### FDP Coordinator

### Dr Abhijit Yadav, HoD Physics

### Members

### Dr Dayanand Raje

### Prof. Dhananjay Palke

### Prof. Mahesh Wavare

### Dr Renuka Londhe

### Mr. Swapnil Undalkar

### Mr. M. B. Kumbhar

## Registration

- No Registration Fee
- Registration Link:  
<https://atalacademy.aicte-india.org/signup>
- Or <https://www.aicte-india.org/atal>
- For portal guide about registration process click <https://atalacademy.aicte-india.org/assets/data/portalFlowParticipant.pdf>

## Join telegram group

<https://t.me/joinchat/lhj5lxq7kPzNzVI1gNUrdQ>

## Targeted Participants

The faculty members from Physics, Electronics, Chemistry, Electronics Engineering, Communication Engineering and other branches of Engineering of the AICTE /UGC approved institutions, research scholars, PG, Scholars, participants from Government, Industry and staff of host institutions.

## Registration Details

The number of participants is limited to 200 and the selection is based on first come - first served basis

## Important Dates

**Last Date for Registration: 20.10.2020**

**Intimation of Acceptance: 22.10.2020**

(Via e-mail)



**Shiv Chhatrapati Shikshan Sanstha's  
Rajarshi Shahu Mahavidyalaya  
(Autonomous), Latur**

## Organizes

**AICTE Training and Learning  
(ATAL) Academy Sponsored  
One Week Online Faculty  
Development Program (FDP)**

## On

**Photonics (Active Learning in  
Optics and Photonics)**

**03<sup>rd</sup> to 07<sup>th</sup> November 2020**



## Organized by

Department of Physics, Electronics  
and Photonics and IQAC  
Rajarshi Shahu Mahavidyalaya  
(Autonomous), Latur (M.S.)  
[www.shahucollegeLatur.org.in/](http://www.shahucollegeLatur.org.in/)

## About the College

Rajarshi Shahu Mahavidyalaya (Autonomous), Latur, with 'Pursuit of Excellence' as its mission established in 1970 by Shiv Chhatrapati Shikshan Sanstha, being a multi faculty college is affiliated to Swami Ramanand Teerth Marathwada University, Nanded. The Govt. of Maharashtra honoured us with 'Ideal Educational Institute' award in 2000. The college is accredited by NAAC for III cycle and received B++ Grade with CGPA 2.99. College has bagged rank in rank band 101 to 150 in NIRF-2017 ranking. College is certified with ISO 9001:2015 (QMS). Also college has bagged Best College Award from Parent University. The college has UGC-CPE-status, DST-FIST support.

## About the Department

Department of Physics was established in the academic year 1971-72. The Department is running B.Sc. with Physics and Electronics as one of the optional subjects and M.Sc. Physics with specialization Photonics. From 2006-07 the department was recognized as star department under UGC's CPE scheme and DST-FIST

sponsored department from the year 2014-15. From the year 2017-18 CBCS pattern has been implemented. At PG level the department is offering courses related with Optics, Laser, Fiber Optics, Photonic Devices and Sensors, Thin Film and Nanotechnology, Industrial Phonic Engineering. The department recognized as research centre in Physics by Parent University. One faculty from the department has been awarded DST-FAST Track Scheme for Young Scientist with a project worth Rs. 24.55 Lakh. The faculties of the department have completed 01 Major and 05 Minor Research projects sponsored by UGC, 01 Major Research project sponsored by DST. The research output has been reflected in terms of 160 papers in highly reputed international journals.

## About the FDP

The AICTE sponsored FDP on Photonics (Active Learning in Optics and Photonics) aims to better equip college teachers to teach optics in the introductory physics course. The FDP will be conducted online through Zoom or other similar platform.

- **Time 10.00 A.M to 4.00 P.M.**
- **Participants will receive an e-Certificate after attending all Five days of Programme, submission of Feedback form and attending examination on the final day of the programme.**

## Objectives of the FDP

This FDP is designed especially for the faculty members, research Scholars and PG Scholars to acquire their skills in the field of Geometrical Optics, Atmospheric Optics, optical fibres, Optical Data Transmission, Wavelength Division Multiplexing etc.

## Address for correspondence

**Dr Abhijit Yadav,**

**FDP Coordinator,** Rajarshi Shahu Mahavidyalaya (Autonomous), Latur (Maharashtra)

Mobile: 9975213852, 8999358206

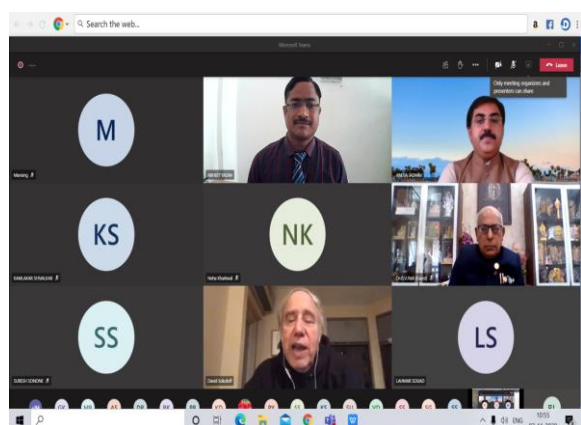
Email aayisro@gmail.com

aay\_physics@yahoo.co.in

## Important Note:

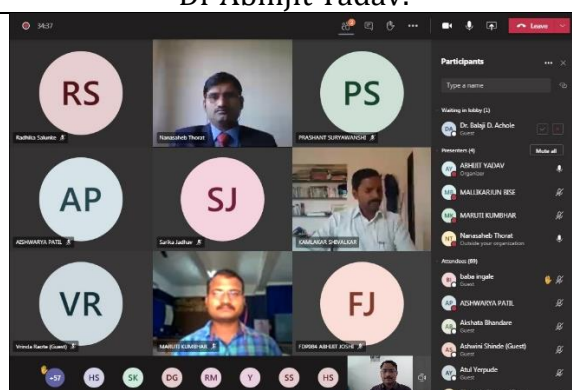
**This FDP is applicable for CAS promotions as per the gazette.**

## One Week Online Faculty Development Program (FDP) On Photonics (Active Learning in Optics and Photonics) from 03/11/2020 to 07/11/2020



**Inaugural Function :** Chairperson Dr Gopalraoji Patil, President, Shiv Chhatrapati Shikshan Sanstha, Latur; Chief Guest Dr David R. Sokoloff, Professor of Physics, University of Oregon, USA and UNESCO International Resource Person; Guest Of Honour Dr Lahmar Souad, Professor, Institut Préparatoire aux Etudes Scientifiques et Techniques, Tunisia, Director of FDP Dr Mahadev Gavhane, Coordinator of FDP Dr Abhijit Yadav.

**Session III: Interface of Photonics and Health Approaches,**  
Dr. Nanasaheb Thorat, University of Oxford, United Kingdom



**Session IV : Fiber Optics Revolution**  
Professor Ajoy Ghatak, IIT Delhi, NASI Meghnad Saha Distinguished Professor

**Session V : Mindfulness and Stress Management**  
Dr Juhi Deshmukh, Savitribai Phule Pune University

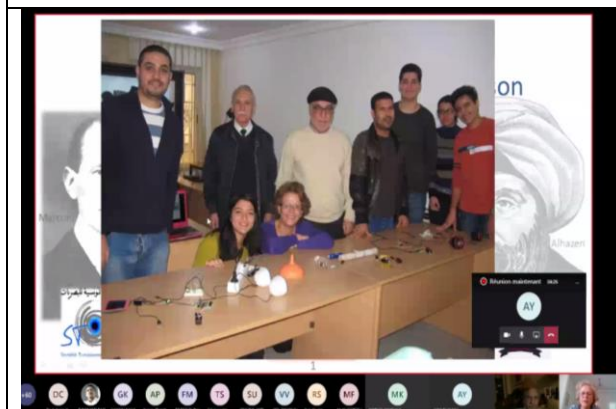






Session VII: Colours from Colourless  
H C Verma, Ex-Professor of Physics, IIT  
Kanpur

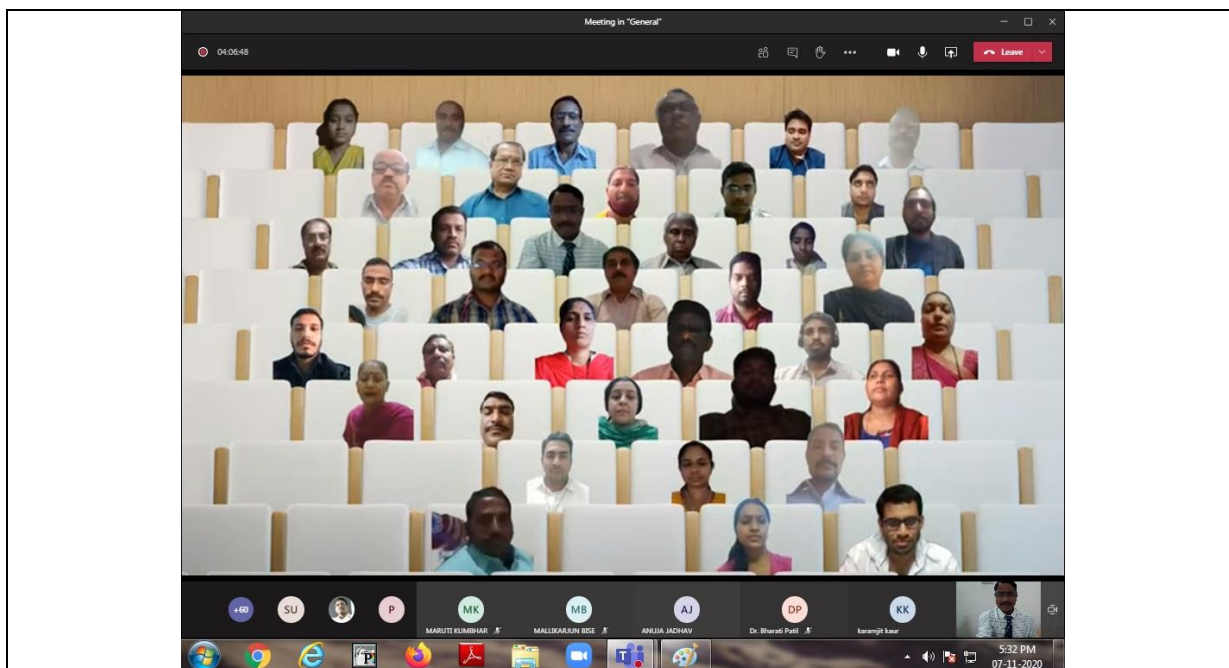
Session X: Optical Sources and Detectors  
in Optical Fiber Communication  
M. R. Shenoy, Professor of Physics, IIT  
Delhi



Session XII : Teaching Optics in an Active  
Learning Way  
Souad Lahmar, Professor, Institut  
Préparatoire aux Etudes Scientifiques et  
Techniques, Tunisia

Session XV : Emerging Photonic Materials  
and their application in Optoelectronic  
Devices  
Dr Dinesh Kabra, IIT Bombay





**Valedictory Function:** Chairperson - Principal Anirudh Jadhav, Secretary, Shiv Chhatrapati Shikshan Sanstha, Latur; Chief Guest - Dr. Ganeshchandra Narharrao Shinde, Former Pro-Vice Chancellor, SRTMU Nanded, Principal, Yashwant Mahavidyalaya, Nanded

