



**Lonavala Education Trust's
Dr. B. N. Purandare Arts, Smt. S. G. Gupta
Commerce and Smt. S. A. Mithaiwala Science
College, Valvan, Lonavala
Affiliated to Savitribai Phule Pune University,
Pune**

(ID NO. /PU/PNA/AC/048/(1983))

NAAC accredited "B" Grade

Website: <http://lonavalacollege.edu.in>

**Criterion 2
Teaching Learning and Evaluation
2.3.1**

2.3.1 Student centric methods

Response:

Apart from routine teaching-learning methods, the institute is keenly interested in providing innovative students centric methods such as experiential learning, participative learning, and problem-solving methodologies for enriching the learning experience of students. Research project exhibitions, Poster competition, Talent hunt competition, Elocution competition, study tour, field visit, guest lectures, seminars, quizzes, projects, special anniversary day celebration, students rallies for social awareness. especially, the students centric methodology includes

A. Routine Teaching-Learning Methods

This traditional method is commonly adopted by most of the teachers. In this method teachers can discuss, interpret, explain and revise the content of a topic for better understanding of the related course by the students. Specific methods under routine teaching-learning processes are,

1. Chalk and Board
2. Lecture Method
3. Instruction Method
4. Discussion
5. Question-Answer sessions
6. Interaction

B. Experiential Learning

1. Research project Exhibitions: Physics and Geography department organised the project exhibition for all the students of colleges, teachers and staff for scientific awareness and increasing the research attitudes.
2. Conferences/Workshops/Seminars: Most of the department of colleges organises the conferences/seminars and workshops in the college campus and students also participated in this activity

3. Poster competition: Geography students participated in poster competitions. The Internal Complaints committee organised the poster competitions on National women's day.
4. Essay competition: English department organise essay writing competition through English language club.
5. Elocution competition: Economics department every year organises A.D. Shroff elocution competition for students. It helps students to improve their confidence, stage courage and public speaking.
6. Study Trips/Field Survey/Field work: Some departments of the college arrange study tours, field surveys. The Botany and Zoology department generally visits the TATA Garden and TATA DAM behind the college for introducing students to various botanical plants and different types of fish species.
7. Participation in competition at various levels: Students of the Mathematics department participated in MADHAVA Competitions. Geography students participated in National Seminars.

C. Participative learning

1. Guest lectures: Every year the college organises the guest lectures for students on important issues such as women empowerment through ICC, Health awareness, Self defence for girls students, Constitutional awareness, etc and the topics suggested by University and UGC.
2. Group work: All the science laboratory sessions and practicals are conducted in groups of two to four students for increasing their learning, practical skill set, chemicals, glasswares and equipment handling experience under the supervision of teachers.
3. Team work: To promote the spirit of Teamwork and participative learning students participated in National Social Service (NSS) activities and one week Camp of NSS, Tree plantation , Swatchh Bharat and Cleanliness drive awareness to help the students to learn social responsibility and community engagement.
4. Seminars: Seminars arranged by some departments of the college.

5. Model Making: Science students participatively and collaboratively prepare the model for ease of learning such as DNA model. Chemistry teacher also uses ball and stick models for subject understanding and increasing students participation in the learning process.
6. Rallies: Students participated in rallies for social issues awareness such as AIDS awareness, Voters awareness, Regional language awareness, etc. It definitely helps them to increase their participative nature while learning.
7. National Day celebrations: College celebrates the birth anniversary of legends on the occasion of concerned subject days such as Mathematics day, Science day.
Apart from these Geography day, Marathi day, Teachers day, Environmental day, etc are celebrated by the concerned department of the college. These kinds of continuous activities help students to enhance their participative learning.
8. Annual Social Gathering: Every year college conducts annual social gathering and one week cultural festivals for students to increase their social and cultural understanding.

D. Problem-solving methods

1. Research Activities: To promote the research attitude in emerging area among the students, they participated in AVISHKAR competitions
2. Case Studies: Case study method is adopted in the teaching learning process to make the students improve their logical thinking and practical knowledge to develop problem solving ability. This is commonly adopted in commerce undergraduate and postgraduate programmes
3. Discussion: Discussion methods adopted in most of the subjects as it makes the students think wide and broader. students' opinions & suggestions during the discussion helps to check their General knowledge. Discussions are held basically in recent trends in concerned subjects.

4. Quizzes: Quizzes are arranged for students to make them aware of subject understanding. Some quizzes are arranged on awareness of social issues such as COVID-19 awareness in society.
5. Analysis and Reasoning: Most of the questions internal and external examinations are based on analysis and reasoning. conducting the internal exam of all subjects helps to improve students analytical thinking and reasoning.
6. Identification and Analysis of plants/animals specimen: some science laboratory sessions especially in botany and zoology department helps students to enhance their critical and problem solving ability with the help of identifying and analysing the plants and animals specimen. Apart from that, solving the mathematical problem in their practical sessions also helps increase their logical and analytical thinking.

Photographs of events and activities:

Research project Exhibitions



Students participated in project exhibition and competition with their name, class, project title, ranking and marks.

Ranking	Name of the Project	Name of the Students	Marks out of 40
F.Y.B.Sc.			

1	Li-Fi	Naved Shaikh	34
2	Security Alarm	Sujit Sable, Omkar Bhilare Sanket Kumar	29
3	Drawing Scientist	Abhishek	28
S.Y.B.Sc.			
1	Water Dispenser	Tikone Neha Balu Gamot Mahima Rajesh	29
2	Home-made Air cooler	Kajal Uthwal Pooja Margale	28
3	Science Fun	Vishal Dixit Omkar Agashe Siddhant Vardhe	24
T.Y.B.Sc.			
1	Li-Fi	Karishma Mulimani Salima Mulla	34
2	Lissajous Figures	Kavita Sarade Akshada Ambhore	31
3	Water Level Detector	Shivani Bhavekar	30

Poster making competition

Students poster on the occasion of Womens Day



08-03-2021

INTERNATIONAL WOMEN'S DAY

POSTER COMPETITION

ATTENDANCE & RESULT SHEET

S.NO	Roll No	NAME	Signature	Result
1	654	Bhavi Venna (FY.BA)	Bhavi	36
2	605	Kajal Thakur (FY.BA)	Kajal	5
3		Ajay Jadhav (SY.BSc)	Ajay	5
4	1229	Muskaan Damsi (SY.BCOM)	Muskaan	9 4th
5	1273	Maitili K. Kenjale (SY.BCOM)	M. Kenjale	8 2nd
6	1250	Bahya Geogaji (FY.BSc)	Bahya	21 2nd
7	1263	Nikita Raju Kamble	N.R. Kamble	4
8	366	Roxali Nandu Phatak	R. Phatak	6
9	911	Madhina Shinde (SY.BA)	M. Shinde	8 2nd
10	922	Harshali Jadhav (FY.BA)	H. Jadhav	7 2nd
11		Neha B. Tanpawar (FY.BA)	N. Tanpawar	4
12		Prachi P. Gade	P. Gade	5

Principal
Lonavala Education Trust's
Dr. B.N. Purandara Arts,
3rd S.O. Gupta
Science College, Lonavala

Essay writing competition

English students writing essay on the topic "Non-Violent campaigns are more successful in effecting social change than violent campaigns"



Field Trips/Field Survey/Field work

Economics & Geography students were participated in study tours



Students Participation in Conferences/Workshops/Seminars

Students participated in State level Chemistry conference RAC-2018



Model Making

Zoology students prepared and participated in DNA model making



National Day Celebrations

Students celebrated Mathematics Day on the occasion of the birth anniversary of Ramanujan.

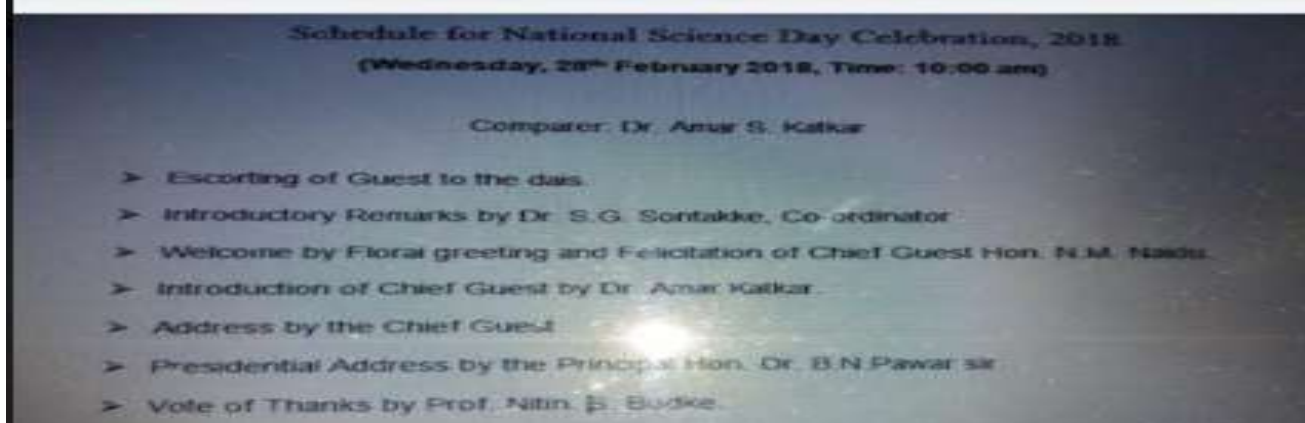




Students Celebrated Geography Day



Students participated in Science Day celebration on the occasion of the birth anniversary of C.V. Raman



Guest lectures

Girls students participated in guest lecture on health issues



A guest lecture on women empowerment



Research Activities

To promote the research attitude in emerging area among the students, participated in AVISHKAR competitions



Quizzes: COVID-19 awareness quiz conducted for students and society at National level by Chem Dept.

"Novel COVID-19 Pandemic General Awareness Quiz"

Questions Responses **637** Total points: 30

637 responses

Not accepting responses

Message for respondents

This exam is not currently accepting responses

Summary Question Individual

Insights

Average	Median	Range
24.31 / 30 points	24 / 30 points	0 - 30 points

"Novel COVID-19 P..."

"Novel COVID-19 Pandemic General Awareness Quiz" (Department of Chemistry) (Responses)

Form Responses 1 (Sheet)

1	2	3	4	5	6	7	8
Time/Temp	Email Address	Score	Full Name	Designation/Class	Name of College		
Date/Filter	NOT_FOUND	NOT_FOUND	String/Filter	String/Filter	String/Filter		
5/3/2020 21:30:40	sandipgostakke@gmail.com	30 / 30	Dr Sandeep G. Sorstakke	Assistant Professor	LET's DSNP Arts, SSI		
5/3/2020 5:23:47	gopattatikhassme@gmail.com	27 / 30	Dr. Gopatra S. Khassme	Assistant Professor	Deshbhat Anandrat		
5/3/2020 5:59:25	vishalgotakke@gmail.com	24 / 30	Vishal Genesiro Sorstakke	FCIA	Jhu		
5/3/2020 9:32:11	maheshnagarkar22@gmail.com	18 / 30	Mahesh Chandanarath Nagarkar	Assistant Professor	Lokarshi Education T		
5/3/2020 9:55:36	was853@gmail.com	30 / 30	Rukar Abdulrahman Sayed	Pass out	D. B. N.P. College of L		
5/3/2020 10:00:28	awadhunow@gmail.com	18 / 30	MORE IBRAHMAN KALLASAO	Ty Inc.	Dr.B.N.Purandare Ar		
5/3/2020 10:04:57	gokeshganech74995@gmail.com	24 / 30	Ganesh Babasaheb Gokesh	S. Y. Bsc	Dr.B.N.Purandare clg		
5/3/2020 10:06:41	dubehweta16@gmail.com	27 / 30	Shweta suryakar dube	Tybac	Dr.B.N.Purandare Ar		
5/3/2020 10:12:01	nikita@gmail.com	24 / 30	Nikita reddy vikula	Asst. Professor	St. Mary's group of in		
5/3/2020 10:13:03	manjushah@gmail.com	27 / 30	Manjusha A	Assistant Professor	Shri Sakthikalesh M		
5/3/2020 10:13:26	maheerreddy@gmail.com	10 / 30	M SHEERJAG REDDY	ASSISTANT PROFESSOR	MALLA REDDY COLLE		
5/3/2020 10:13:37	sangadeb@gmail.com	24 / 30	Sany Anura Srode	Asst. Professor	Papamalai Ganta Mo		
5/3/2020 10:13:46	nikitachhabra@gmail.com	18 / 30	Dr. Nikita	Assistant professor	Chandray Bansi Lal		
5/3/2020 10:14:28	aaahilw@gmail.com	30 / 30	Dr.K.SAKTHIVEL	Assistant professor	D.N.G.R. ARTS AND S		
5/3/2020 10:14:44	mythilireddy@gmail.com	24 / 30	MYTHILIRE	ASSISTANT PROFESSOR	NAVARASSAM ARTS A		
5/3/2020 10:14:56	dr.aruna@gmail.com	18 / 30	Dr Aruna	Assistant Professor	Dr D Y Patil Vidyape		
5/3/2020 10:15:02	arishahaji@gmail.com	18 / 30	J Deish jula	Asst professor	Bishop Anderson sch		
5/3/2020 10:15:08	sunampan14@gmail.com	30 / 30	Dr s radhika	Faculty in Chemistry	TSWEGOW KHAMMA		
5/3/2020 10:15:15	divendranath1998@gmail.com	27 / 30	Divendra Nath Tripathi	Student	Indira Gandhi Nationa		
5/3/2020 10:15:21	aravindn19@gmail.com	24 / 30	ARAVINDHAR NARAJAN	Assistant professor	ARAVINDHAR NARAJA		
5/3/2020 10:15:23	rajatbhatnagar@yahoo.co.in	27 / 30	SHUCHIJA R.	Assistant professor	GOVERNMENT FERG		
5/3/2020 10:15:36	payalpatel@gmail.com	18 / 30	Payal Dhi Patkar	BYBSC	Dr.B.N.Purandare Ar		
5/3/2020 10:15:37	swarnanjaysayward@gmail.com	27 / 30	SHARANJANI S	Assistant professor	Kanchi Sri Krishna Co		
5/3/2020 10:16:23	mohanram358@gmail.com	24 / 30	Dr. Mohan Ramasa Kanale	Assistant Professor	GMD Arts BW Conve		
5/3/2020 10:16:41	gauravkumar.esan@gmail.com	21 / 30	SARAVANAN G.	Assistant Professor	Erode Sengunthar En		
5/3/2020 10:16:50	chauhanchauhan@gmail.com	24 / 30	Hoshae Singh	Medical Social Worker	BH Becking Pen		
5/3/2020 10:17:06	gaikaniyarn1@gmail.com	27 / 30	Bhyan Suryakar Patkar	Assistant professor	D.G. Ruparel college		
5/3/2020 10:17:33	aravindkumar1998@gmail.com	30 / 30	ARAVIND KHANNA	Associate Professor & V	Aravind Utom Coll		
5/3/2020 10:17:43	nsplank@gmail.com	24 / 30	S.PELANK	Hub	Kanchi sri Krishna C		
5/3/2020 10:18:30	shaikervashali@gmail.com	27 / 30	Wushali Shaikar	Assistant Professor	P.G.Musa college of e		
5/3/2020 10:18:30	rehanhaq21@gmail.com	21 / 30	Reha	Assistant professor	P.G.Musa college of e		
5/3/2020 10:18:47	maliniasaeed2@gmail.com	24 / 30	Malin S	Research scholar	Central University of		
5/3/2020 10:19:01	mohammedshafiq.ahafiq@gmail.com	27 / 30	A Mohammed Shafiq	Assistant Professor, Dep.	The New College, Ch		
5/3/2020 10:19:48	nzberaha1@gmail.com	30 / 30	Bansha Nizadha	Research Scholar	ITJ (ISM) Dhanbad		
5/3/2020 10:19:50	shahakapoor144@gmail.com	18 / 30	Poojashruti Bhaikar	Director	Pragathi Group of		
5/3/2020 10:19:55	karthikakumar12@gmail.com	27 / 30	Karthik G	Assistant professor	K.S.Bangalore college		
5/3/2020 10:20:04	mathiasakam.mra@gmail.com	27 / 30	Dr.M.Mathiasakar	Asst professor	Wels university,ches		
5/3/2020 10:20:11	yogitaj@gmail.com	24 / 30	YOGESH KUMAR	Asst professor	Wels university,ches		
5/3/2020 10:20:18	divya.comsomed@gmail.com	24 / 30	Dr. Divya Kashyap	Assistant professor	Indian academy degi		
5/3/2020 10:20:32	mohitashah@gmail.com	27 / 30	Nisha Shew	Post Graduate Student	University of Kalyani		

Identification and Analysis of plants/animals specimen:

Botany & Zoology department students identifying and analysing concerned specimens.





Students during Laboratory Sessions (Hands on Training)



