



The Poona Gujarati Kelavani Mandal's

# HARIBHAI V. DESAI COLLEGE

(ARTS, SCIENCE & COMMERCE)

596, Budhwar Peth, Pune - 411 002.

Affiliated to Savitribai Phule Pune University (Linguistic Minority Institution)

ID No.: PU / PN / ASC / 057 / (1984) NAAC Grade B+ (2.75 CGPA) AISHE CODE : C-41829



# Drishti

2021-22

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प्रा. डॉ. गणेश राजुत

## प्राचार्यांचे मनोगत

२०२१-२२ चे कार्यवृत्त विद्यार्थ्यांच्या हाती देताना मला स्वरूप आनंद होत आहे. महाविद्यालयाचे वार्षिक कार्यवृत्त म्हणजे महाविद्यालयाचा आरसा होय. या शैक्षणिक वर्षातील सगळ्याच गोष्टींचे प्रतिबिंब वाचकांस या अंकात उमटलेले दिसेल. व्यवस्थापन, विद्यार्थी, शिक्षक आणि शिक्षकेतर कर्मचारी या सगळ्यांच्या एकत्रित प्रयत्नांमधून महाविद्यालय गेली साडेतीन दशके वाटचाल करीत आहे. याचा आम्हाला सार्थ अभिमान आहे. ऐतिहासिक भाषेत सांगायचे झाल्यास विसाव्या शतकात स्थापन झालेले महाविद्यालय आता एकविसाव्या शतकाच्या तिसऱ्या दशकात प्रवेश करीत आहे.

विसावे - एकविसावे अशी दोन शतके पहायला मिळणे ही आयुष्यातील एक महत्त्वाची घटना आहे. सध्या शिकणारे विद्यार्थी एकविसाव्या शतकात जन्माला आले आहेत. त्यांच्या आयुष्यात जे सगळे बदल घडत आहेत, त्यात तंत्रज्ञानाचा मोठा वाटा आहे. येथे कार्य करणारी शिक्षक आणि शिक्षकेतर पिढी मागील शतकात जन्माला आलेली आहे. त्यांनी पाहिलेले जग आणि बदलेले जग यात महदंतर आहे. एकाच आयुष्यात संपर्काच्या साधनांत पत्र ते इंटरनेट असा बदल या पिढीने अनुभवला आहे. हे सगळं सांगायचं कारण म्हणजे एकीकडे अनुभव संपन्न पिढी आणि अनुभव घ्यायला तयार असणारी नवी पिढी यांचा संगम या महाविद्यालयात झाला आहे.

पुणे शहर मुठा नदीच्या तीरावर वसले आहे. आमचे महाविद्यालय नदीच्या तीराजवळ आहे. आमच्या महाविद्यालयाचा परिसर ऐतिहासिक वास्तूंनी वेढला आहे. भूतकाळाचे नाते सांगणारा परिसर आणि वर्तमानाचे शिक्षण घेणारा विद्यार्थी यांचा संगम येथे आहे. विद्यार्थ्यांना शिकवित असताना आपल्या संस्कृतीशी - भूतकाळाशी नाते तोडू न देता या विद्यार्थ्यांना पुढचे जग आम्ही दाखवायला निघालो आहोत. स्वरं म्हणजे नवी पिढी मागच्या पिढीच्या स्वांघावर उभी असते. अगोदरच्या पिढीच्या स्वांघावर उभे राहिल्यामुळे नव्या पिढीला अधिक लांबचे दिसते. त्यांची दृष्टी अनंताचा वेध घेणारी तयार होते. शेवटी शिक्षणाचा उद्देश काय असतो तर 'स्वच्छ हात, समर्थ स्वांदे आणि तल्लख बुद्धी' असणारा वर्ग निर्माण करणे. या महाविद्यालयात हेच करण्याचा आमचा प्रयत्न चालू आहे. या मार्गावर वाटचाल करण्यासाठी तुम्हा सगळ्यांच्या सहकार्याची गरज आहे. शुभेच्छांची गरज आहे.





डॉ. अर्चना पंडित

## संपादकीय

करोना महामारीनंतरचा काळ हा सर्वांसाठीच अतिशय कठीण होता. विशेषतः तरुण पिढी, विद्यार्थी वर्ग, जे चार भिंतींमध्ये बंदिस्त झाले होते आणि एका विचित्र परिस्थितीला त्यांना सामोरे जावे लागले, या सर्व गोष्टींमुळे ते गोंधळून गेलेले होते. तसेच ऑनलाइन एज्युकेशन मुळे विद्यार्थी शिक्षक संवाद यातील मानवी संवेदना नष्ट झाली व त्याची जागा तंत्रज्ञानाने व्यापली. न भूतो न भविष्यती अशी परिस्थिती सर्वच क्षेत्रांमध्ये उद्भवली होती. शिक्षण क्षेत्रही त्याला अपवाद नव्हते. तरुण पिढीची ऊर्जा बंदिस्त झाली होती. काहींनी आपले आप्तस्वकीय देखील या काळामध्ये गमावले. अशावेळी आत्मविश्वास गमावलेली, ऑनलाइन एज्युकेशन मुळे भांबावलेली, एक पिढी जी व्यक्त होऊ पाहत होती त्यांच्यासाठी हक्काचे व्यासपीठ म्हणजे महाविद्यालयाचा वार्षिक अंक. अशावेळी या अंकामध्ये जेव्हा विद्यार्थी वर्गाने त्यांच्यातील घुसमटलेल्या शब्दांना तसेच भाव भावनांना बोलके रूप दिले, त्याचा परिपाक म्हणजे हा वार्षिकांक. या अंकातील कथा, कविता आणि लेख हे विद्यार्थ्यांच्या तरल मनाचे प्रतिबिंब होय. हळूहळू बदलत्या परिस्थितीशी त्यांनी जुळवून घेतले व त्यांच्या प्रतिभेला पुन्हा एकदा पंख फुटले, असे त्यांच्या या अंकामधील लिखाणावरून जाणवते. या दोन वर्षांच्या काळामध्ये जो स्वसंवाद त्यांनी साधला, तो त्यांच्या लिखाणा मधून जाणवत आहे. अशावेळी या वार्षिक अंकाचे संपादन मला करायला मिळाले हे मी माझे भाग्य समजते. यातूनच नवनवीन कथालेखक, कवी, कवयित्री उदयाला येतील ही अपेक्षा व्यक्त करून मी आपल्या शब्दांना विराम देते.



# Glimpses of Pune



Photographer:  
Varad, Bhavika, Nachiket



## Dhirubhai Ambani vs The Bear Cartel

Sourabh Ranadive

Hello everyone today I will be telling you one of the most iconic tales of the Bombay Stock Exchange. This story will tell you how Mr. Dhirubhai Hirachand Ambani became the Bigbull of the stock market. This is a story which date backs to the 1980's where in the Indian stock market was at a very primitive stage. As you know that the share prices don't just depend on profits, reputation and functioning of the company but also on the constant battle between Bears and the Bulls.

So in April 1982 the bear cartel of the Bombay Stock Exchange decided to collectively attack Reliance shares and they decided to bring down the price to a rock bottom rate. This attack was so bad that within a short span of time 3.5 lakh Reliance shares hit the market and the impact of this attack was so huge that it led to a domino effect where in even the shares of blue chip companies like TISCO and CENTURY began to fall down as high as 10% and in total the bear gang ended up selling 11 lakh Reliance shares in 1982 worth 16 crore rupees. Bears were super confident about this attack that they will be able to collapse the Reliance shares and their plan was to bring down the share prices of Reliance to such a large extent that no investor would have ever seen before. Initially their plan worked out so well that the stock price of Reliance fell rapidly from Rs131 to Rs121 and this is when there was a massive panic in the market and everybody thought Reliance is going to collapse under the attack of the bears.

This is when there was a slight twist in the tale. The stock price of Reliance suddenly stopped falling in fact the stock price of Reliance started going up from Rs121 to Rs125. In the next 14 days bears kept on selling and there was a mysterious organization that kept on buying. Everybody was surprised because technically managements in India cannot

buy their own shares.

So bears were selling everybody knew that but question was who was buying these shares and that is where the masterstroke of Dhirubhai Ambani sir came into play as it turns out the organization that was buying all the shares that the bears were selling was named as "Friends of Reliance Association" and this was like a brand new organization which entered the stock market and prevented the stock price of Reliance from dropping and this is how the plan of bears failed miserably. At the end of 14 days settlement period they couldn't afford to buyback of the shares of Reliance.



So now since the bears did not own the shares they had to ask for another 14 days period in order to settle the transaction and this is where they had to pay the "Badla Charge" that Dhirubhai Ambani demanded. This is when Dhirubhai Ambani attacked the bear gang by putting a hefty Badla charge of Rs50/share which was unaffordable for the bear gang and eventually they entered a deadlock.

Entire Bombay Stock Exchange was shutdown for 3 days to resolve this conflict. When the market opened, it opened specially for the trading of Reliance shares so that bears could buy back the shares and complete the transaction.

When all this drama was done many journalist went to Dhirubhai Ambani sir to ask him why did he take such a risk? and the legend has it saying "That for these bear cartels and stock brokers Reliance shares might be just a bag of money but for common man of India his represents his bundles of dreams"

This is how Mr. Dhirubhai Hirachand Ambani went on to become the Messiah of the Bombay Stock Exchange".

## My favourite thing in my life is 'to live'

Varun Vijay Parab (F. Y. B. A.)

We all love to live, don't we?  
 Even in the darkest hours of our life,  
 When there's no hope to be seen,  
 We all still love to live.

A soldier wants to live,  
 even in the fear of a sudden death,  
 A beggar wants to live,  
 even with a lack of a proper home

The poor wants to live,  
 even in doubt if they will have food to eat,  
 Even a prisoner wants to live,  
 though he lives a life disgrace

But why do we want to live?  
 Is it because we are unknown,  
 of the terror that awaits us after death  
 Or is it because it has so much Joy,  
 that we are afraid of of not being able,  
 to experience it

But one thing is sure,  
 that to live, is a very precious thing,  
 as it is so rare,  
 we still haven't found it  
 in the universe that is vast and afar.

And because of it, you must not give up your life,  
 for a few mishappenings and worthless worries,  
 As these things are so pang,  
 in front of the epic and valuable  
 phenomenon that is life.



## पहचान

शांभवी शैलेश दाते (S. Y. B. Sc.)

उतार दो वो पायल जिसकी छनकारसे तुम्हे  
 हर वक्त महसूस होता है की वो तुम्हारे पैरोंके बंधन है।

उतार दो वो कंगन जो खनककर तुम्हे  
 हर बार कहते है की वो तुम्हारे हातोंकी बेड़ियाँ है।

उतार दो वो झुमके जो चुभकर तुम्हे  
 हमेशा बताते है की वो तुम्हारे दर्द का प्रतीक है।

उतार दो वो नथनी जो तुम्हे एहसास दिलाती है  
 की वो तुम्हारे सासोंपर लगाई हुई रोक है।

उतार दो वो अंगूठी जो तुम्हे सताकर कहती है  
 की वो तुम्हारी उँगलियों की पहरेदार है।

उतार दो वो माला जो तुम्हे पकड़कर धमकाती है  
 की वो तुम्हारे गले का फांस है।

उतार दो वो हर घुंघट  
 उतार दो वो हर बुरखा  
 उतार दो वो हर शर्म और लिहाज का परदा  
 जो चींख चींख के तुमसे तुम्हारी औकात पूँछ रहा है,  
 तुमसे तुम्हारी पहचान छीन रहा है।

## वडील

श्रद्धा सोमनाथ कुंभार (S. Y. B. A.)

आपल्या लेकराच्या कौतुकानं  
खळखळून हसणारे म्हणजे वडील.

आपल्या लेकराला तळहाताच्या  
फोडाप्रमाणे जपणारे म्हणजेच वडील.

आपल्या मुलीला मुलापेक्षाही  
जास्त प्रेम देणारे म्हणजेच वडील.

आपल्या आईने थोडे ओरडले तरी  
तिला ओरडणारे ही वडीलच.

आपल्या लेकराच्या प्रत्येक गोष्टी  
मध्ये प्रोत्साहन करणारे वडील.

आपल्या लेकराच्या प्रत्येक इच्छा  
पूर्ण करणारे म्हणजेच वडील.

समईला साथ तेलाची तसेच  
डोळ्यात न दाखवताही आपल्यावर  
आभाळाएवढी माया करणारे म्हणजेच वडील.

जेव्हा सगळे साथ सोडतात तेव्हा  
प्रेमाने आपल्या पाठीवर हात फिरवणारे  
ही आपलेच वडील.



## यश

अनामिक

आयुष्य जगताना  
जिथे आपली कदर नाही  
तिथे कधीही जायचे नाही  
जे आपल्याला पचत नाही, ते कधीही  
खायचे नाही.

ज्यांना खरं सांगितल्यावर राग येतो  
त्यांना मनवत बसायचं नाही  
जे एकदा नजरेतून उतरले त्याचा त्रास  
करून घ्यायचा नाही.

वेळ पाहून बदलतो त्याला मित्र बनवायचा नाही  
कितीही संकटे आली तरी कोणालाही  
घाबरायचे नाही.

आपल्या लेकराला काय लागतय  
काय नाही ते पाहणारे ही वडीलच.

आपले वडील म्हणजेच आधार,  
कर्तव्य व आपल्यासाठी आपले बरंच काही.

आपले दुःख कोणालाही न सांगता  
ते मनात ठेवून दुसऱ्यांना सुखी ठेवणारा  
देवमाणूस म्हणजे वडील.

तुम्ही आहात म्हणूनच मी या जगात  
मान वर करून जगत आहे. तुमच्यामुळेच  
मी आयुष्याची अनेक वळणे पाहिली.

चुका केल्यावर ओरडणारे  
पण तरीही सावरून घेणारे म्हणजेच वडील

## कला

ज्योत्सना बोंडगे (T. Y. B. A.)

‘कला’ हा शब्द वाचताच, ऐकताच आपल्या डोळ्यांसमोर कलेशी संबंधित अनेक गोष्टी उभ्या राहतात. जसे की, चित्रकला, पाककला, विणकाम, गायन, संगीत, वादन, वक्तृत्व, वास्तुकला इ. पारंपरिक माहितीप्रमाणे देवाने माणसाला ६४ कला दिलेल्या आहेत. मी तर म्हणेन प्रत्येकाने आपल्याला आवडणारी एक तरी कला अवगत केलीच पाहिजे.

ज्ञानाने माणूस इतर माणसांपर्यंत पोहोचतो; परंतु कलेने माणूस माणसांच्या भावनांशी जोडला जातो. उदाहरणार्थ, जेव्हा आपण आनंदी असतो आणि आनंदाशी संबंधित गाणे लागले की त्या गाण्यामध्ये स्वतःला पाहत असतो. ते फक्त गाणं राहत नाही तर ‘भावना’ होते. कलेचं आपल्या आयुष्यामध्ये अनन्यसाधारण महत्त्व आहे. एखादी व्यक्ती स्वादिष्ट, रुचकर स्वयंपाक करत असेल तर तिने कित्येक जणांना त्यांच्या पाककलेने तृप्त केले असेल.

एखाद्या स्त्रीने उत्तम स्वयंपाक केला व त्यावर दाद म्हणून ‘तू खूप सुगरण आहेस हो!’ म्हटल्यावर जो आनंद होतो, तो शब्दांत व्यक्त करता येत नाही. कला ही भूक भागविणारी पाहिजे. एखाद्याला वाचण्याची कला अवगत असते. पुस्तक वाचण्यासाठी अनेकजण भुकेले असतात. ‘वाचन’ ही कला वाचण्याची भूक भागवते. आपल्याकडे असलेली कला ही अधिकाधिक लोकांपर्यंत पोहोचल्यावर जेवढा आनंद होतो, त्याला कोणत्याही मापात मोजता येत नाही.

मी ऐकलेली एक गोष्ट येथे नमूद करावीशी वाटते. एकदा एका वृत्तवाहिनीवर सुप्रसिद्ध गीतकार गुरु ठाकूर यांची मुलाखत पाहिली तर त्या मुलाखतीमध्ये त्यांच्या ‘खेळ मांडला’ या गाण्याविषयीची एका माणसाने कळवलेल्या प्रतिक्रिया सांगताना ते म्हणाले की, आयुष्याला कंटाळलेला हताश, निराश झालेल्या शेतकऱ्याने त्यांचे खेळ मांडला हे गाणे ऐकले, जे की अजय-अतुल यांनी गायलं आहे आणि त्या गाण्यामुळे पुन्हा नव्याने आयुष्याला सुरुवात केली. उमेदीने उभा राहिला. हे सर्व फक्त एक गाण्यामुळे शक्य झाले. सांगण्याचं तात्पर्य असं की, तुमच्याकडे असलेल्या कलेमुळे जर

एखाद्या मनुष्य नव्याने आयुष्य सुरु करण्याची तयारी करीत असेल, तर ती कला सर्वोत्तम आहे.

भारताच्या गानसम्राज्ञी भारतरत्न लता दीदी मंगेशकर यांच्या मनमोहक आवाजाने प्रत्येकाच्या मनाला भुरळ घातली. त्यांच्या आवाजाने अनेकांच्या जीवनात सुर आले. जीवनवादी लेखक व. पु. काळे म्हणतात तसं ‘रसिक बलमा’ किंवा ‘ओ बसंती’ हे लता दीदींचं गाण तू ऐक, आयुष्यातील सूर तुला गवसतील. गाणं ही एक श्रेष्ठ कला आहे. मराठीतील अनेक दिग्गज लेखक, कादंबरीकार, गायक, दिग्दर्शक, अभिनेते यांनी प्रत्येकाच्या मनावर राज्य केले आहे. कला माणसाला जगवत असते.

काहींना उत्तम विणकाम, नक्षीकाम, विविध शोभेच्या वस्तू बनविता येतात. या वस्तूंमुळे घरातील वातावरण छान होते. अनेक वेगवेगळ्या कलाकुसरीची कामे काहीजण मन लावून करत असतात. दगडामध्ये मूर्ती पाहणारे, मूर्ती घडविणारे कारागिर यांची कला माणसाला नतमस्तक व्हायला भाग पाडते. माणसाच्या मनाला थक्क करण्याचे काम कला करते.

काही व्यक्तींना समजून सांगण्याची कला अवगत असते तर काहींना समजून घेण्याची. या सृष्टीची रचना ही सुद्धा देवाची कलाच आहे. निसर्गाची छोटी गोष्टही अत्यंत कलेने बनवलेली आपल्याला दिसून येते. काही व्यक्ती वक्तृत्व खूप छान करतात. काही व्यक्ती आपल्या मृदू आवाजाने आपलंस करतात, तर काहींचे बोलणे हे संपूच नये असं वाटत राहतं. ही पण एक कलाच आहे.

आपली कला ही प्रत्येकापर्यंत पोहोचेलच असं नाही; परंतु ज्यांच्यापर्यंत पोहोचली आहे, त्यांना ती उपयुक्त ठरेल. शिकण्यास मिळेल. काही नवीन अवगत झाल्यानंतर चेहऱ्यावरचा जो आनंद असतो तो अद्वितीय असतो.

हा छोटासा लेख वाचून जर कोणाला त्यांच्यातील असलेल्या सुप्तकलागुणांची जाणीव झाली, तर माझा हा लेख सार्थकी लागला असं मी म्हणेन. आयुष्यात कलेशी असणारी मैत्री तुम्हाला जगावर आणि जगण्यावर प्रेम करण्यास भाग पाडते एवढं मात्र नक्की!



### Life Lesson

Goutam M. Dave

There are 4 things  
You can not get back in life.....  
The word after it's said  
An opportunity after it's missed  
Time after it's gone  
And trust after it's lost.....



## तुझ्या विना

दलपत माली (S. Y. B. Sc.)

विनाकारण तुझी लागली सवय मला  
विनाकारण मी घडवली प्रेमाची शाळा  
प्रेमात तर पडलो आता पुढे काय, हे विचारू कुणाला ?

जेव्हापासून तुझे स्वर कानात पडले  
मी माझ्या आयुष्यात पहिलं प्रेम घडवले

आता मी पुढे काय करू ?  
हे मन तुझ्याविना राहत नाही  
मनाला कसं सावरू

तुझ्यावर मरून मी जिवंत झालो  
तुझ्या कारण प्रेमात त्रेंवंत झालो  
तुला पण माझ्यावर प्रेम आहे हे कळू दे  
मनातला भितीचा पक्षी पळू दे

मी तुझं फुल तू माझं पाखरू  
तुझ्या श्वासाचा सुगंध कसा विसरू ?

आता मी पुढे काय करू ?  
हे मन तुझ्या विना राहत नाही  
मनाला कसं सावरू

तुझी छाया, तुझी माया  
या प्रेमात मी काय करू देवराया  
ती भावना, ते विचार मनात राहिले  
जेव्हा मी तुला माझ्या स्वप्नात पहिले

## जीवनातील सुवर्ण क्षण...

आदित्य अंगद घोरपडे (S. Y. B. A.)

'आई' हा शब्द खूप छोटा आहे. पण आईची किर्ती खूप मोठी आहे. एकदा मी आईला म्हणालो आई या जगात आपली माणसे, आपल्याला हवी असणारीच व्यक्ती का आपल्याला सोडून जाते? आपण त्यांना एवढा जीव लावतो, एवढं प्रेम करतो तरी सुद्धा त्या व्यक्तीला आपल्या भावना, आपलं प्रेम का दिसत नाही? आई मला म्हणाली, "बाळ, अरे हे जग ज्या दृष्टिकोनातून बघतोस तो जगातल्या स्वार्थी, खोटारड्या लोकांचा दृष्टीकोन आहे. त्यामुळे तुला सतत अस वाटतं की आपल्याला हवी असणारीच व्यक्ती आपल्यापासून दूर निघून जातेय. तू जर चांगल्या भावनेने विचार केलास तर तुला दिसेल. तुझ्या हृदयातच तुला हवी असणारी माणसे तुला दिसतील. मग मी आईला विचारले, "आई, तू आतापर्यंत दिवस-रात्र एक करून एवढं काम करतेस. तरी सुद्धा घरातले सगळे तुला नको ते बोलत असतात. तू त्या सर्वांना एवढा जीव लावतेस, एवढं प्रेम करतेस तरी ते तुला नको ते बोलतात. नुसती कामे सांगतात. मग का तू त्यांना एवढा जीव लावतेस आई. आई मला म्हणाली, "आदित्य बाळ, या जगात प्रत्येकाला स्वार्थी बनून चालत नाही. ती सर्वजण आपली जीवलग माणसे आहेत. त्यांना वागू दे आपल्यासोबत जसं वागायचं आहे तसं, पण आपण मात्र चांगल्या मनाने त्यांना माफ करून एकनिष्ठेने त्यांची सेवा करत राहायचं. "आदित्य बाळ, हे जग खूप सुंदर आहे. फक्त आपण निःस्वार्थ भावनेने या जगाच्या सौंदर्याचा आनंद घेतला पाहिजे". आईचे हे वाक्य ऐकून मी माझ्या जीवनातील सुवर्ण क्षणांकडे वाटचाल करू लागलो.



## My Favourite thing in life is music

Bhakti N. Mane (F. Y. B. A.)

Music is a feel  
 it is good  
 it is Bad  
 sometime it makes me mad  
 Music is love  
 it is glow  
 it is flow  
 every time it connects me to my soul  
 Music is water  
 it is sun  
 it is soil  
 In rusted life it is oil  
 Music is bitter  
 it is better  
 and sometimes it's smooth like butter  
 Music Makes me feel life is to live  
 life without Music is life world  
 without colour feel the rhythm  
 and enjoy your life and explode like  
 dynamite



## My favourite thing in my life

Shraddha V. Sathe (F. Y. B. A.)

I tried to be strong,  
 But I don't know what went wrong  
 We are all so different,  
 And yet so much the same,  
 Everyone, in some way or another,  
 Will experience a kind of pain.  
 But life is like a winged bird,  
 That makes the dreams fly.  
 Believe I am the master of my fate  
 I am the captain of my soul  
 And you may see me struggle  
 But you will never see me fall.  
 Life is always life a box of chocolate,  
 Which makes us choose between Give up or give in

## अमृताहूनी गोड, प्रेम तुझे ताई

आदित्य अंगद घोरपडे (S. Y. B. A.)

अमृताहूनी गोड प्रेम तुझे ताई  
 वात्सल्य तू या जगाचे तूच माझी ताई  
 तूच माझी ताई आता तूच माझी आई ॥

देवाची कृपा झाली तुझ्या घरी आलो  
 बांधलीस राखी ताई भाऊ तुझा झालो ।  
 धन्य आहे माझे नशीब ताई तुझ्या  
 सारखी मायाळू ताई मला मिळाली ॥

चंदनाचे गुण तुझे, मन माउलीचे  
 प्रेम हे आगळे वेगळे बहिण-भावाचे ।  
 संसारामध्ये असे नसेल नाते कोणाचे  
 आईची माया देऊन तू पालन केले या जीवाचे

जसे कृष्णाने त्याच्या बहिणीचे रक्षण केले  
 त्या दुष्ट, क्रूर कौरवांपासून ।  
 तसेच तुझे रक्षण आजन्म करत राहिल ताई  
 हे वचन आहे तुझ्या या भावाचे ॥



## कलयुग

पुजा चौधरी (F.Y. BBA. CA)

मैं कलयुग हूँ, जहां चारों ओर मेरा ही शासन था, वही एक नाम चारों ओर दहशत फैला रहा था, बस उसी का नाम प्रति एक दिशाओं में गूंज रहा था, मानो कलयुग नहीं उसी का युग चल रहा था, जी हां मानो कोरोना का युग चल रहा था। मुझ पर हावी होकर मेरे स्वराज पर शासन करने की चाह में आकर मेरे स्वराज पर एक अनदेखा का आक्रमण कर दिया था। हमारा भीषण युद्ध हुआ जहां मेरे सेना में डॉक्टर, नर्स, वैज्ञानिक, पुलिस आदि, लोग शामिल थे वहीं उसकी सेना में फैलने वाले जीवाणु अर्थात कीटाणु शामिल थे। २४ से अधिक महीनों तक हमारा भीषण युद्ध जारी रहा। जहां हमारे कई सैनिक वीरगति को प्राप्त हुए और निर्दोष मासूम प्रजा मारी गई थी।

चारों ओर हाहाकार मचा हुआ था। प्रजा को अपने घरों में बंद रहने का आदेश दिया गया था। संपूर्ण जगत में लॉकडाउन लगा दिया गया था जहां दुकानें, फैक्ट्री, कंपनी, सभी बंद थे और बाहर बिना कवच अर्थात मास्क और ग्लव्स के बिना निकलना गुनाह माना गया था। कुछ महीनों तक तो बाहर निकलने पर प्रजा की सुरक्षा हेतु उन पर लाठियां भी बरसाई गई ताकि वे घर से बाहर ना निकले। कुछ लोगो के घरों में तो खाने के लिए अन्न तक नहीं था। लोग अपनी साधारण बीमारियों से भी भयभीत हो रहे थे और इलाज नहीं करवा रहे थे।

और करवाते भी कैसे, क्योंकि सभी के काम नौकरी इत्यादि जो बंद थे। जहा कुछ समाज सेवक गरीब प्रजा की मदद कर रहे थे और मुफ्त में खाना-कपड़े बांट रहे थे, वहीं कुछ हमारे ही सैनिक इस युद्ध का गलत फायदा उठा कर हमारी ही प्रजा को लूट रहे थे और पीड़ितों को पीड़ा दे रहे थे अपने फायदे के लिए। सभी के अंदरे चेहरे दिखाई दे रहे थे।

आखिरकार अनेक महीनों के पश्चात हमने कोरोना युग पर विजय प्राप्त कर ली किंतु कहते हैं ना युद्ध का परिणाम युद्ध के पश्चात भी भुगतने पड़ते हैं। जहा शिक्षा गुरुकुल अर्थात पाठशाला में एक साथ एक कमरे में बैठकर मिला करती थी वहीं आज ऑनलाइन मोबाइल तंत्रज्ञान अर्थात फोन लैपटॉप पर होती है, सभी एक दूसरे से दूर अलग-अलग, जहां छात्रों को कई पाठ समझ नहीं आते हैं और लापरवाह होते जा रहे हैं और अभ्यास से दूर भागते रहते हैं। वही प्रजा में सामाजिकता कम हो गई है और सभी फोन लैपटॉप नामक तंत्रज्ञान में कहीं घूम हो गए हैं। कोरोना महामारी के इस युग से बाहर निकलने के बाद आर्थिक समस्या भी बहुत बढ़ गई जहां कई गरीब प्रजा आज भी दो समय का खाना प्राप्त करने में सक्षम

नहीं है। लोग आज भी अपने घरों में बैठे हैं, कई आज भी बेरोजगार बैठे हैं तो कई आज भी भूखे घूम रहे हैं। कईयों ने जान गवाई है तो कईयों ने घर परिवार खोया है। इतना सब होने के कारण प्रजा ने अपने आशाओं को और सक्षमता को खोया है।

सभी आज भी पीड़ित है देखा जाए तो इस युद्ध के कई परिणाम ऐसे भी है जो आज भी अंदरे है, जो आज भी बाहर नहीं आए हैं। लॉकडाउन के कारण कईयों को उनको अपने परिवार से दूर रहना पड़ा है तो कईयों को अपने परिवार को समझने का जानने का और उनके साथ रहने का समय वित्तीत करने का सौभाग्य प्राप्त हुआ है। खैर हर समस्या के दो पहलू होते हैं अगर बुरा परिणाम ज्यादा होता है तो कुछ अच्छा परिणाम भी होता है। जैसे किसीको रिश्तों की अहमियत का पता चला तो किसी को पैसों की अहमियत, किसीको समय की तो किसी को अपने परिजनों की। हर समस्या का सकारात्मक परिणाम भी होता है और कोई न कोई उपाय होता ही है बस जरूरत है तो उसे खोज निकालने की।

## My favourite thing in my life is my life

Jatin Purushottam Balapure

Happiness in hand

I heard that happiness comes in hand,  
But, opening my fist.

I found the flowing sand,

Life is though difficult to survive,

But, I am hopeful to find my way,

And I am hopeful to have my say,

I know life will get back to me one day,

That would be a new day !



## My favourite thing in my life - My mom & dad

Pratiksha Sharad Randive

Thank you MOM & DAD

Thank you, mom  
 thank you, dad  
 three small words  
 so much to add  
 for all your love  
 and your support

a million words  
 would be too short  
 The words "I love you"  
 Seems too few  
 to express the love  
 I have for you.



## My favourite thing in my life - is my father

Pranali sunil Kondhare (F. Y. B. A.)

To the world you are a father,  
 but for me you are my whole world!  
 I never remember  
 sometimes you appreciate or  
 sometimes you scold  
 Thank you for appreciating me for  
 my good deeds and  
 Thank you for scolding when it needs.  
 He is the type of flower that  
 can still grow after a forest fire.  
 The only man who thinks of everyone  
 before himself....  
 The father who is like a string to my kite  
 My kite flies high in the sky only because of him.  
 In the end, my life has no meaning  
 without him. In my life  
 he is my invisible wings!!

## My favourite thing in my life is Art

Mahesh

It helps in my deepest things  
 ever when I fall apart  
 It is a way of expressing my dreams  
 that helps me boost my self esteem  
 I draw become it makes my mind  
 Calm and gentle.  
 which helps in the way of my life  
 making it regimental.  
 The thing that makes me happy  
 when I'm getting my art,  
 is the endless number of injustices  
 that are carried in my dream can't



## महाराज...

स्वानंद गोडबोले (T. Y. B. Sc.)

प्रिय महाराज,

पत्राला विशेष असे काही कारण नाही.

तुमची ख्यालीखुशाली विचारायला आणि इकडची परिस्थिती सांगायला पत्र लिहितोय..

हो मला माहितीये तुमच्याकडे जास्त वेळ नाहीये. त्यामुळे तसदी देणार नाही जास्त पण महाराज काही गोष्टी तुमच्या कानावर घातल्याशिवाय राहवत नाही..

महाराज, तुमच्या कालखंडात घडलेला, किंबहुना सोशिक असूनही प्रसंगी कणखर झालेला महाराष्ट्र आज राहिला नाही.. तुमच्या वेळी असलेली निरपेक्षता, निष्पक्षता आणि कर्तव्याची जाणीव असलेली मानवता आज हिंग लावून देखील दिसत नाही. याला कारणं तशी खूप आहेत, पण मुख्य कारण म्हणजे जनतेच्या भल्यासाठी धडपडणाऱ्याचा आव आणून स्वार्थ साधण्यासाठी राजकारण्यांनी संकुचित वृत्तीने आणलेली 'जातीयता'. आज जो तो उठून बेमालूमपणे मी या जातीचा असं गर्विष्ठपणे सांगून आपल्या सात पिढ्यांचा अनाहूत उद्धार करतोय, इतरांना कमी लेखतोय.. महाराज, आपण असताना असं घडल्याचं ऐकिवात नाही. आपण जातीने नाही तर सर्वांच्या साथीने सुशासन करायचात..

महाराज, आणखी काळजाला छेद देणारी बाब म्हणजे स्त्रियांवर होत असणारे अत्याचार आणि हे सर्व बघणारी इथली मूक जनता.. स्त्रियांवर हात उचलणाऱ्यांचे हातच छाटून टाकणाऱ्या तुमच्याच महाराष्ट्रात आज काय चालले आहे?

महाराज, तुम्ही उभारलेले गडकोट स्वराज्यात असूनही परके आणि पोरके आहेत. रात्री गनिमावर घाव घालण्यासाठी उपयोगी येणारे हेच किल्ले हल्ली ऐन मध्यरात्री ब्रेव्ह पार्टी ऐचजी भलतीच शिकार ठरताहेत. बरं तुमचं गुणगान गाणाऱ्यांनी तिथे लग्नसमारंभ आयोजित करून त्याची अवहेलना केली ती वेगळीच..

तुम्ही निर्मिलेल्या महाराष्ट्रात आज वनराई कमी आणि रोगराई जास्त दिसत आहे. महाराज, जागोजागी अस्वच्छता वास करत आहे महाराज..

तुम्ही शिकलेल्या, वृद्धीगत केलेल्या मराठीची महाराष्ट्रातच सक्ती करावी लागत आहे.



महाराज, तुम्ही पुन्हा जन्माला या असं म्हणायची सुद्धा लाज वाटतीय.. आमची सध्याची अवस्था तुमच्याकडून बघवणार नाही..

हे सांगण्याचा हेतू इतकाच की यावर विचार करून योग्य निर्णय घेण्याची क्षमता फक्त तुमच्यातच उरलीये महाराज आणि तुम्ही ते कराल इतकीच आशा.

कळावे,

आपला शुभचिंतक व होरपळलेल्या

महाराष्ट्राचा अजाण नागरिक

## आयुष्य

शुभांगी संतोष उबाळे (F. Y. B. A.)

आयुष्य ते आयुष्यच असतं  
 नकळत का होईना चुका  
 हे आपल्या हातून होत जातं .... ।

चांगलं किंवा वाईट माहित नाही  
 पण आयुष्याला एक नवीन ओळख देऊन जातं

मनालाही समजत नाही मग,  
 रडत हसावे  
 की हसत रडावे

मनानेही मन केले मोठे,  
 सारे दुःख सामावून घेण्यासाठी.

किती क्षणांचे हे आयुष्य असतं  
 आज असतं तर उद्या नसतं.

म्हणून आयुष्यात प्रत्येक क्षण हसत-हसत  
 जगायचं असतं  
 कारण इथे कुणीचं कुणाचं नसतं !



## Light Krishna Sharanappa Dubdoor (F. Y. B. A.)

A disgrace to all the  
 light of the universe  
 How people choose darkness  
 in their short short lives  
 A shame for the light  
 A shame for true love  
 where is your honesty  
 A light with many gods  
 where are the doves of peace

## गिरा के ख्वाब के मकान

महल बना रहा

गौतम एम. दवे

जिंदगी जो है ना

वो जिंदगी के मुताबिक चलती है

खुदा के मुताबिक चलती है

ना तुम्हारे ना मेरे ना हमारे माँ बाप के मुताबीक

सिरफ जिंदगी - जिंदगी के मुताबिक चलती है

तो मैं कहा इस बात पे

मैं बहुत पहले दुख दर्द में

लिखा था के

कभी ना मिलते है किसी को मरजीयोसे

जो बातें जिंदगी ने पत्ते खेले जा रहा हू

गिरा के ख्वाब के मकान महल बना रहा हू,

जब आप हारते हो ना

तो चाहते नाही होना यार कोई

छोटी चीज करू

कोई बडी चीज करना चाहते हो

फस्ट इयर मेन फेल होते हो

फिर भाई हम फस्ट इयर द्वितीय इयर

साथ पास करे तो

गिरा के ख्वाब के मकान महल बना रहा हु

दर्द जो मिला है उसको पी जा रहा हू

सडक छाप गालिब मैं ना किसी का मुखालिफ

लफजों को किताबों पे खुर्दे जा रहा हु

गिरा के ख्वाब के मकान महल बना रहा...

## Friend's weirdo's in disguise.

**Aniket Tiwari** (S.Y. BBA. CA)

"knock , knock" a loud bang on my door. I was deep asleep yet those loud bangs woke me. I got up from my charpai wore the slippers looked at the watch on my way towards the door, time was 1 am. What! What am I thinking opening door at 1 am and that too in a remote village in UP. So I decided not to leave my charpai alone and tried to sleep but the bangs continued and this time they became more louder. My grandma came to my room and said listen beta villages are safe now so can you go and see who is dying out there? I said "ok", and got up from my charpai and started to think if the villages are really safe, why didn't my grandma open the door. Now don't get me wrong here I totally trust my grandma but what is wrong with taking some precaution so I picked a small bamboo stick and started to go towards the door and tried to peek out from corners of the door but couldn't see anything. so now the situation was something like this I haven't visited my village from more than last 4 years and then didn't get confirm ticket in train so had to travel in waiting class and travel time was 36 hours, in those 36 hours I didn't get to sleep and reached my village at 11:30 pm and just had fallen asleep and now someone at 1 am is knocking the door, so I decided to shout and see who is outside.

so I shouted "who is there?"

no reply came so again

I shouted "listen man I am tired so please reply who is there?" no reply again.

I said "okay I am not opening the door" and started walking towards my room suddenly some women with crackling in her voice said

"Aniket is that you?"

I said "yes."

the women said "didn't you recognize me?"

I said "no." bluntly

"I am your rajo dadi" she replied "I couldn't sleep at my house so came here"

I knew rajo dadi my dadi i.e my grandma told me about her. She used to come at our house to sleep as these old women can't sleep much at night.

So I opened the door and to my surprise there were 4 people standing in front and one them had a kambal i.e bedsheets in his hand. There was no electricity and it was totally dark outside so I could not see their faces. Suddenly the one with kambal threw kambal upon me simultaneously 3 other people started grabbing my hand and leg trying to get control over me but I wasn't going down that easy I started kicking my leg and throwing my arms randomly which made a difference in addition to that I started shouting as loudly as I can and hoped that other houses down the street could hear even if they didn't hear at least my grandma would hear and call for help but harder I shouted faster my throat started losing its function. after a minute my struggle had went down to nothing. I was exhausted from travelling and could not do anything so my mind started working and thought maybe now my voice must have definitely reached to my grandma and help can arrive any second at the same time these kidnappers they got total control over me and started running while holding me over their shoulders. Now as the time was passing my heart started beating faster and harder I could hear my heart beats even in this commotion and I was thinking that I know my grandma can't fight them but at least she could have done something like calling neighbours, could have woken up few people but no she didn't do anything



suddenly these kidnappers stopped and threw me down on something soft as they removed the kambal I was totally shocked to see these 4 people. I recognized them immediately they were my childhood friends and as I saw them all of my exhaustion was gone I was so happy to see these guys apparently they planned all of this and my beloved grandma and all of our neighbours were part of this little prank and the voice of rajo dadi was made by my friend ankush.

So these are my childhood friends, these were people with whom I learnt how to steal mangoes from Rajendra chacha's bagicha, these were people with whom I learnt to swim, these were the people who taught me many bad things and very few good things and yet I always remembered them for all the bad things we had done together like this one time we became ghost of our village and we scared so many people that after 9 at night no one dared to go out of their house of course until we were caught.

What is a friend?

Is it someone who will always be at your back and get you out of any problems as shown in film's. Maybe but for me friend is someone who will try his best to help and at same time find a way to embarrass you. When you are in some kind of problem they will listen to you without derailing the conversation and also motivate you, they will cheer you and will find most hilarious way to do so while making you regret the decision of bringing them to your annual day.

Maybe they won't be able to solve all your problems, maybe won't provide you money, maybe embarrass you at every moment they will get to do so, maybe give you some advice but after hearing you would think of hitting them but believe me with these kind of friends around you will forget the daily life problem let it be argument with family or getting scolded by teacher you will just live in a moment with them their stupidity will rather feel somewhat amusing.

So friends for me are not some superhero's rather they are idiots who don't feel stupid in acting stupid in front of us.

## विषण्ण मी.....

तन्मय कोकाटे (F.Y. B. Sc. CS)

झाकोळल्या या मनाला  
 कसला हा शाप आहे,  
 मळभ काही दुःखाचे  
 हटता हटत नाही

झिडकारले तू तिज  
 तुझीच ती माय आहे,  
 ऋण मातृत्वाचे कधी  
 फिटता...फिटत नाही

सोंगाड्याचा डाव चाले  
 हसणे नाटक आहे  
 धूर्त, हरामी दुनिया  
 सडता... सडत नाही

नारीची अवहेलना  
 समक्ष पाहतो आहे,  
 टिपुस नयनी तुझ्या  
 दाटता... दाटत नाही

थांबतो जरासा आता  
 मन हे विषण्ण आहे,  
 जगरहाटीचे कोडे  
 सुटता... सुटत नाही



## LIFE AFTER COVID-19

**Aniket Tiwari** (S.Y. BBA. CA)

2020 is a tragic year.  
This year mortality dawned  
upon us and we resided in fear,  
Millions shed precious tears,

Due to the heart-tugging loss of their dears  
Because of this year being so influential  
In life, after 2020, people's business would  
have gone down and they  
won't be able to sell.

People might not have a place to dwell,  
2020 will be an unbelievable story to tell.

In life after 2020 people will still have a great fear to meet their buddies.  
Many people due to lack of money, people will be begging on their knees,

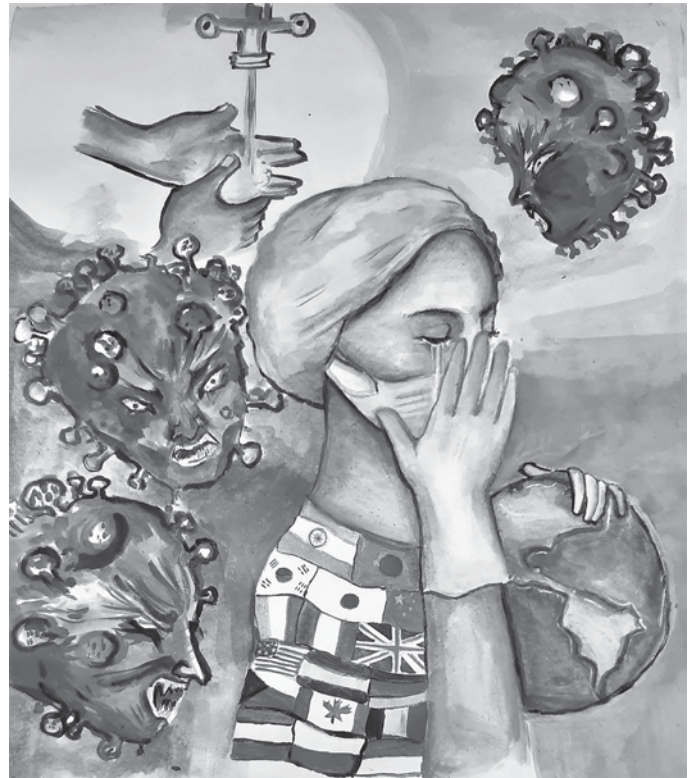
Parents won't have enough money to pay the fees,  
All the development and urbanization due to less money will cease.

But wait, in life after 2020 nature will be thriving and lush,  
On the roads, there will be no pollution or rush,

We will be able to see the tranquil, blue sky in the morning,  
And hear the birds mellifluously sing  
In life after 2020, the water will be sparkling and blue,  
So clear that we will see dolphins too!

Due to fear of interaction, intimacy would have to end,  
We will hold on to our dear ones and relationship problems will mend.  
2020 might have been sad for many,  
But maybe it was necessary to force us to face today's problems we see.

Nature made its own new blueprint for life after 2020,  
Life after 2020 will not be a new normal of masks, but a new mind-scape, you shall see...



## वाचन

ज्योत्सना बोंडगे (T.Y.B.A.)

पहिलं प्रेम, पहिली भेट, पहिला पाऊस हे सर्वांच्या लक्षात राहतं, पण तुम्ही केलेल्या पहिल्या अवांतर वाचनाच्या पुस्तकाचं नाव तुमच्या लक्षात आहे? आपल्याला केव्हापासून वाचनाची सवय लागली किंवा आपण वाचलेलं पहिलं पुस्तक, आत्मचरित्र, पहिली कादंबरी कोणती हे बहुदा अनेकांच्या स्मरणात नसावं.

मला वाचन करायला खूप आवडते. माझा वाचनाचा प्रवास साधारणतः मी शालेय जीवनात असताना चालू झाला. इयत्ता आठवीमध्ये असताना मूल्यशिक्षण या विषयाचे तास घेतले जात. आमच्या शाळेमध्ये 'रामकृष्ण मठ' या मिशन तर्फे स्वामी विवेकानंद यांच्या जयंतीनिमित्त १२ जानेवारी रोजी (युवक दिवस) विविध स्पर्धा आयोजित केल्या होत्या. त्यामध्ये मी पहिल्या क्रमांकाने उत्तीर्ण झाले आणि स्वामी विवेकानंद यांच्या जीवनावर आधारित असलेल्या सहा पुस्तकांचा सेट (गड्डा) बक्षीस म्हणून मिळाला. तेव्हापासून पुस्तक वाचण्याची गोडी लागली ती आजपर्यंत आहे. भारतकन्या 'भगिनी निवेदिता' हे मी वाचलेलं पहिलं वहीलं पुस्तक! नंतर दहावी-बारावीच्या गोंधळामध्ये अवांतर वाचन थोडेसे बाजूलाच राहिले. परंतु परत नव्याने वाचनास सुरुवात झाली ती कोरोनाकाळामध्ये. खरंतर कोरोनामध्ये सर्वच बंद होते. ग्रंथालय, पुस्तक दुकान सर्वकाही बंद. मला पुस्तके आवडतात हे अनेकांना माहीत आहे. हे लक्षात ठेवून माझे मार्गदर्शक, मित्र आणि स्नेही अभिजित यांनी मला काही पुस्तके डिजिटल स्वरूपात (ऑनलाइन) पाठवली. छावा (शिवाजी सावंत), मन मे है विश्वास (विश्वास नांगरे पाटील), कोल्हाट्याच पोर (किशोर शांताबाई काळे).

डिजिटल वाचनाचा हा माझा पहिलाच अनुभव होता. परंतु खूपच सुंदर होता!. छावा ही मी वाचलेली पहिली ऐतिहासिक कादंबरी आणि मन मे है विश्वास हे पहिलं आत्मचरित्र. त्यानंतर डिजिटली वाचनाची मला सवय आणि अवांतर वाचनाची चांगलीच गोडी लागली. 'वाचन हे एक असं व्यसन आहे ज्यात माणूस 'वाचतो'!'. हे वाक्य मी सध्या अनुभवत आहे. वाचनाने माणूस विचारांनी उन्नत होतो. सक्रिय होऊ लागतो. वाचनाचे अनेक फायदे आहेत. मी अनेक पुस्तके, ललित लेखन, कविता संग्रह वाचली आहेत.

धोंडा, पिवळ्या धम्मक छत्रीतील मुलगी, (वर्गमित्र गणेश खुटवड यांनी दिलेले) अखेरचे कारस्थान, गाजलेले सेनानी, सेवाभावाचा कळस-आचार्य विनोबा भावे, एक मुठी आसमा ही चार पुस्तके, मौनांची भाषांतरे (कविता संग्रह), वाइज अँड अदरवाइज, शिवाजी द मॅनेजमेंट गुरु, फकिरा (कादंबरी), मी माणूस शोधतोय, स्टील फ्रेम, upsc मी आणि तुम्ही, इकीगाई, करुणाघन महात्मा बसेश्वर, अग्निपंख, तुका म्हणे.

आता पुस्तकांशी मानसिक जवळीक खूप वाढली आहे. दिवसेंदिवस वाचनामध्ये वाढच होत आहे. पुस्तक, कथा, कादंबरी यांची फक्त आणि फक्त बेरीजच होते याचा मला खूप आनंद आहे. सध्या Essential Vivekanand हे पुस्तक वाचनासाठी हातात आहे.

वाचनाची ही भूक वाढते आहे.





## Value Lesson

**Anonymous**

A doughnut and a diamond were lying on the ground. A group of ants came and picked up a doughnut and left a diamond where it was. That doesn't make a diamond lose its value or it doesn't make it worth less right. Similarly you might be in a situation where you are being insulted, or where you are not being respected whether at work or in a family, you might be having a horrible boss, you might have a toxic partner with friends or in a relationship. But please do not belittle yourself just because they do not see your value, your positivity, or good things in you. That doesn't mean they do not exist. Please do not belittle yourself on the basis of other people's opinion. Ants do not have the capability of recognising the value of diamonds. So please be a diamond. Don't try to become a doughnut in order to get recognition from ants.

## Striven Bird - Short Story

**Pawar Marmit (S. Y. B. A.)**

I was standing in the garden out of my house enjoying the winter suddenly I watched some chicks of parrot, I whispered in my mind oh, they are so cute.

I was enjoying watching them because they have too desired voice. After some times, I just saw a bird that could not fly On the ground

I tried to go close to him but he was afraid of me I tried to catch him but he was running here and there ahead of me and I was behind him like a mother feeding food to her child.

After some time, I offered him my hand and coincidentally he came and sat on my hand I gave him the piece of bread to eat and some drops of water to drink.

I took him to the previous place where all his relatives were there but there was no one. I felt very sad for that chick I left that chick over there only and went ahead for searching for another one.

After some time, I found one of them and just whispered coincidence the other one came behind me and sat with the chick that doesn't fly. After some time, they both flew away.

### Lessons we can learn from the story are:

- Try till your succeed
- A friend in need is a friend indeed
- God every time helps you when you are in trouble just don't give up



## आशा उद्याच्या

स्वानंद (T. Y. B. Sc.)

काही दिवसांपूर्वी उद्भवलेल्या एका भयानक आजाराने केवळ देशाचीच नाही तर संपूर्ण विश्वाची तारांबळ उडाली आणि इतके दिवस उत्साहानं वावरणारं हे जग एका निरर्थक अवरथेत निपचित पडलेलं जाणवलं..

शनीची साडेसातीची वर्षे या एकाच वर्षात दिसून येताहेत की काय अशी भीती सर्वांच्या मनात घर करून राहिली होती..

पण शनिच्या साडेसातीची देखील खूप चांगले वाईट अनुभव येऊन माणसाच्या वागण्या-बोलण्यात फरक जाणवतो. तसाच इथे देखील झाला..

इतकी वर्षे सर्वसामान्यांना सुलभतेने उपलब्ध होणाऱ्या मूलभूत गरजा या काळात जरा काठिण्याने मिळवाव्या लागत होत्या. अन्न, वस्त्र, निवारा याबरोबरच शिक्षणाची गरज ही देखील भर पडली होती.

त्यातून ऑनलाईन शिक्षण हे विद्या प्राप्त करायचं साधन एव्हाना प्रत्येकालाच नाईलाजाने स्वीकारावं लागतं होतं..

दररोज शाळेची घंटा म्हणजे व्हॉट्सअप आलेली लिंक असं जणू नवीन समीकरण तयार झालं..

बाईंनी आज घरचा अभ्यास दिलाय असं सांगण्याऐवजी 'आई जरा ग्रुपवर कोणती पी.डी.एफ आलीये का बघ गं' अशा हाका बऱ्याच घरातून येऊ लागल्या..

मैदानावरील पी.टी.च्या तासांची जागा शिक्षकांनी पाठवलेल्या 'युट्युब' वरच्या योगासनांनी घेतली आणि त्यानिमित्ताने का होईना मुलं व्यायामाला लागली. या आनंदात

पालकांच्या चेहऱ्यावर समाधान वाहू लागलं..

मुलांच्या वयाच्या फरकाने चित्रात बदल झाले खरे, पण ते कुंचल्याच्या साईजमधे जशी तफावत असावी इतकेच. मूळ चित्राचा गाभा मात्र 'फोटोजेनिक'च

राहिला..

सुरुवातीला थोडा चेहऱ्यावरचा रंग उडाला खरा पण हळूहळू तोही अगदी इतर गोष्टींना मॅच झाला..

हे सर्व चित्र पुढच्या जनरेशनचा 'ग्रुप आयकॉन' आहे असं म्हणायला हरकत नाही..

दरदिवशी नवीन आलेल्या गोष्टी दुसऱ्या दिवशी 'छे जुनं झालं आता ते' असं म्हणणाऱ्या या नवीन पिढीला प्रॅक्टिकल नॉलेज असेलही, की ज्याचा उपयोग नक्कीच आयुष्यात महत्त्वाचा ठरेल. त्याबरोबर काळानुसार सुसंगत ठेवेल, परंतु जगायला कारणीभूत असलेला पाठीवर कधी अभिमानाने तर कधी रोखण्यासाठी कायमच उभा असा गुरुजनांचा हात केवळ गुगल मॅप सारखा व्हर्चुअल गाईड करेल आणि दिशादर्शक न ठरता मार्गदर्शक ठरेल..

बौद्धिक ताण इतका वाढेल की शारीरिकरित्या त्राणच उरणार नाही. तरीही शेवटी शिक्षण कसं घ्यावं हा प्रत्येकाचा दृष्टीकोनच ठरवू शकेल, पण शिक्षण का घ्यावं याचं उत्तर 'तुमच्यातला माणूस परिपक्व बनवून त्याला योग्यरित्या वाटचाल करायला प्रवृत्त करण्यासाठी' हेच असेल..

शिकवण्याच्या पद्धतीत कितीही बदल झाला तरीही शिकणाऱ्याच्या ज्ञानात भरच पडेल असं वाटतं..

असो. चला, मलाही ऑनलाईन लेक्चरला बसायचं आहे. त्यामुळे मी पण आवरायला घेतो, तुम्ही पण चला बरं.. नंतर निवांत बोलूच की, काय?



## माझी "Cute Wali"

अनिल जगदाळे (T.Y.B.Sc. CS.)

माझी "Cute Wali"  
म्हणाल तर भोळी  
म्हणाल तर खुळी  
स्वतःच्या विश्वात रंगणारी  
एक सुंदर चाफेकळी

ती हसते, ती रुसते  
"B" च्या क्लास मध्ये बड बड बडबडते  
कधी मंद, कधी धुंद  
"Speed" ने चालवते जोरात गाडी  
स्वतःच्या विश्वात रंगणारी  
एक सुंदर चाफेकळी

हसताना जरी गाली तिच्या  
जरी पडत नसली खळी  
स्वतःच्या स्वप्नात रंगणारी  
ती माझी "Cute Wali"

## Success

Kishan Kushawaha (F.Y.B.A.)

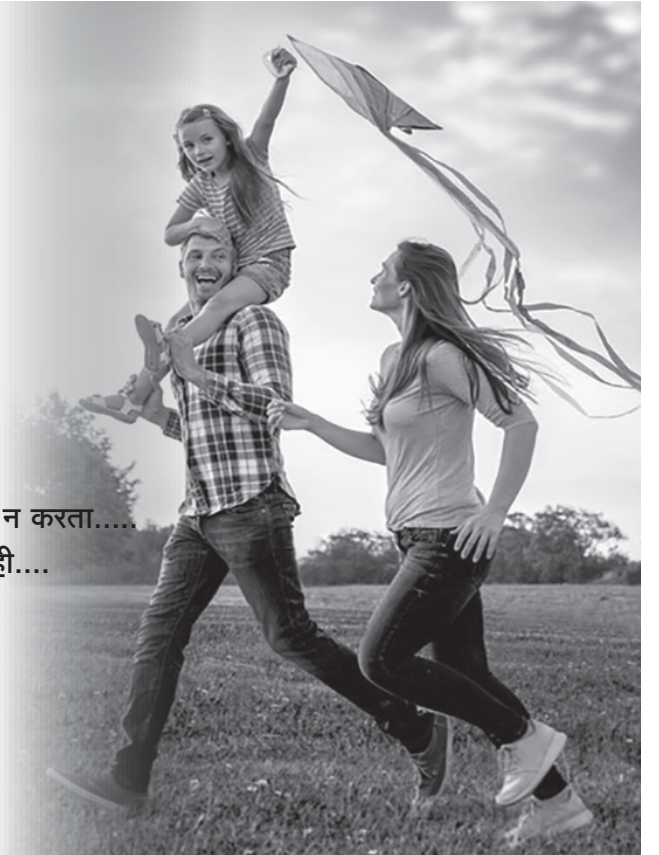
Success touching your feet.  
Little little drops of water can make an ocean,  
If you determines yourself and start doing something  
little bit with time and regulate  
you will be not looking behind yet.  
Doing nothing is better than having something,  
look your past taking a glance of present  
make a proper arrangement for a future  
last but not least everyone  
are all itself idol grow yourself wider and wider  
make your brain a like a rider  
which can act like a divider.



## माणसानं कसं

कल्याणी रत्नपारखी (F.Y.B.Sc.)

माणसानं कसं चालत रहावं थकू नये..  
माणसानं कसं बोलत रहावं गप्प असू नये  
कारण चालण्याने वाट सरते आणि रस्ता दिसतो....  
आणि बोलण्यानं वाट कशी सरली याचा थांगपत्ता नसतो...  
माणसाने कसं गात रहावं, भले ते आपल्याला जमत नसलं तरी...  
माणसानं कस नाचत रहावं भलेही आपल्याला जमत नसलं तरी...  
कारण गाण्यानं माणूस फुलतो आठवणींच्या हिंदोळ्यावर झुलतो...  
आणि नाचण्यानं माणूस त्याच आनंदात खुलतो...  
माणसाने कसं लिहतं रहावं कोणाला आवडेल न आवडेल याचा विचार न करता.....  
माणसाने कसं वाचतं रहावं हाती पडेल ते अगदी लहानपणीच्या गोष्टीही....  
कारण लिहील्याने माणूस व्यक्त होतो, त्याच्या लेखणीला धार येते...  
आणि वाचण्यानं माणूस व्यक्त व्हायला शिकतो आणि धार लावायला...  
माणसानं कसं गोड आठवणीत रमावं...  
हव्या हव्याशा क्षणांना आपलसं करावं...  
कारण गोड आठवणी माणसाला आनंद देतात..  
आणि हवेहवेसे क्षण तोच आनंद कायम टिकवून ठेवतात...



## वीरसपूत

- राजपुरोहित ललित मगतजी (F. Y. B.com)

सन १९५० की बात है। एक सरकारी शिक्षक के घर में एक वीर सपूत का जन्म हुआ। परिवार खुशियों से भर उठा। उस शिक्षक का नाम रामलाल और पत्नी रुक्मिणी था। रामलाल एक सरकारी विद्यालय में हिंदी पढ़ाते थे तो उनकी पत्नी गृहिणी थी। २५ अगस्त को जन्मे बेटे का नाम उन्होंने ललित रखा। पिता की इच्छा थी कि उनका बेटा ललित उनकी तरह ही एक शिक्षक बने परन्तु नियति के मन में कुछ और ही था। उस समय १९६२ में भारत-चीन युद्ध हो रहा था, इसलिए उन दिनों भारतीय सेना ही लोगों की चर्चा का विषय थी। ललित भी इससे कैसे दूर रह सकता था। बारह वर्ष की आयु में वह भी भारतीय सेना की ओर आकर्षित हुआ। ललित ने तभी ठान लिया था कि वह भी भारतीय सेना में जायेगा स्कूली शिक्षा के उपरांत पिता की इच्छा के विरुद्ध जाकर अठारह वर्ष की आयु में इंडियन मिलिटरी अकादमी की प्रवेश परीक्षा पास कर ट्रेनिंग के लिए भर्ती हो गया। दो वर्ष की अकादमिक शिक्षा ग्रहण कर भारतीय सेना में लेफ्टिनेंट के पद पर ललित नियुक्त हुआ। बचपन का माँ-बाप का लाड़ला ललित अब भारतीय सेना में लेफ्टिनेंट ललित सिंह बन गया था। ललित ३६वीं राजपूताना राइफल्स में नियुक्त हुआ।

कुछ दिनों के पश्चात ललित को एक महिने की छुट्टी मिली थी। वह अपने घर छुट्टी में आया। घर आने पर उसके माता पिता खुशियों से जूम उठे। कंधे पर के चमकते दो सितारें देख दोनों की आंखे भर आयी। बेटे को फौजी वर्दी में देख रामलाल का सीना चौड़ा हो गया। दोनों ने बेटे को सीने से लगाया। वे तीनों बहुत खुश थे पता ही नहीं चला कि कब छुट्टी समाप्त हो गयी ललित के वापस जाने का समय आ गया। कुछ दिन पहले जो आँखे उसे देखकर खुशियों से भर आयी थी वो आँखे अब उसे अपनी नजरों से दूर जाने नहीं दे रही थी।

लेकिन देश प्रेम के आगे माँ-बाप का प्यार हार गया। अपने माता-पिता के आर्शिवाद लेकर ललित भारतीय सेना में वापस लौट आया। छुट्टी बिताने के कुछ ही दिनों बाद ललित और

उसकी फ़ौज को 'जैसलमेर बॉर्डर' पर तैनात किया। बॉर्डर पर वातावरण कुछ ठिक नहीं था। पाकिस्तान की एक रेजिमेन्टने जैसलमेर की तरफ बढ़ना शुरू किया था। २ अक्टूबर १९७१ की रात में पाकिस्तानी सेना ने जैसलमेर कैम्प पर फायरिंग शुरू की। ललित की फ़ौज ने भी जवाब में गोलीबारी शुरू की।

वहाँ भारतीय सेना में मेजर चिराग शर्मा समेत केवल बीस जवान मौजूद थे। दुश्मन सेना के सामने यह संख्या नगण्य थी। परन्तु ललित की फ़ौज ने बहादुरी दिखाते हुए दुश्मन सेना को परास्त किया। इस मूठभेड़ में भारतीय सेना के पाँच जवान शहीद हुए। लेफ्टिनेंट ललित सिंह के दाँए कंधे पर भी गोली लगी थी। उस पर इलाज करवाकर उसे आराम करने के लिए दो महीनों की छुट्टी पर भेज दिया गया।

इस मूठभेड़ की खबरें समाचार पत्र में छपी थी। ललित के पिता पलंग पर बैठकर मुठभेड़ वाली खबर बारीकी से पढ़ रहे थे और बाहर ललित के पैर घर के अंदर नहीं जा रहे थे। अखबार में ललित की तस्वीर देखकर रामलाल चौंक गए, अरे! ओ रुक्मिणी ! जरा जल्दी बाहर आ! देखो! क्या खबर छपी है। रसोईघर में से आवाज देते हुए रुक्मिणी ने कहा - अजी ! आयी।

ललित की तस्वीर तथा खबर पढ़कर रामलाल को अपने सपूत पर गर्व हुआ। ललित जखमी हुआ है सूनकर रुक्मिणी की आँखें भर आयी। अंदर माँ बाप बेटे के पराक्रम से गदगद थे तो बाहर बेटा उनकी सारी बाते सून रहा था। उसे यह चिंता सता रही थी कि ऐसी घायल अवस्था में देखकर माँ रो पड़ेगी। साहस कर ललित दोनों मिट्ठियाँ कस कर



अंदर प्रवेश करता है। बेटे को देख रुक्मिणी तुरंत ललित के पास आते उसका कंधा देखती है। दर्द तो नहीं हो रहा। नहीं माँ! अब सब ठीक है। पिता ने अपने लाडले को गले से लगाया। जैसे-जैसे दिन बीतते गये वैसे वैसे ललित का जखम भी ठीक होने लगा। डेढ़ महिने के आस पास ललित पहले जैसा हुआ। छुट्टी समाप्त होने के बाद ललित अपना सामान समेट कर चलने की तैयारी करने

लगा। इस बार माता-पिता उसे जाने नहीं दे रहे थे। अपनी आँखों का तारा अपनी नजरों से दूर जाना उन्हें पसंद नहीं आ रहा था।

बेटा ललित! यह सेना की नौकरी छोड़ दो, रामलाल ने कहा।

“नहीं बाबूजी। मैं नहीं छोड़ सकता। देखिये अगली बार लम्बी छुट्टी लेकर आऊँगा। तब हम तीनों कहीं घूमने जायेंगे।”

पैर छूता है। अपनी ड्यूटी निभाने के लिए वह पुनः अपनी सेना में चला आता है।

ललितसिंह को उसके साहस और शौर्य दिखाने के पराक्रम को ध्यान में रखकर २६ जनवरी १९७२ को वीरचक्र से सम्मानित किया गया। तथा लेफ्टनंट के पद से कैप्टन पद पर नियुक्त किया। कैप्टन बनने के बाद ललित की पहली ही पोस्टिंग 'LOC' जैसे संवेदनशील स्थान पर हो गयी। वह इलाका आए दिन गोलीबारी होनेवाला इलाका था। 'LOC' जैसे परिसर में ललित तथा उसके साथियों की जिम्मेदारी और अधिक बढ़ गयी थी। तैनाती के बाद दिन पर दिन बीतने लगे। एक दिन सुबह छह बजे ललित के बेस पर शत्रु सैन्य ने धावा बोला। उस वक्त वहाँ कमांडिंग अफसर के रूप में ललित मौजूद था। हमले की गंभीरता को देखकर हमारी सेना ने भी ईंट का जवाब पत्थर से देना शुरू किया था। गोलीबारी के शुरुआती दौर में ही हमारे दो जवान घायल हो गए थे। लगभग दो घंटे तक यह मुठभेड़ जारी रही। ललित ने भी दुश्मन सैन्य के चार जवानों को मौत के घाट उतार दिया था। उसी वक्त हमारी सेना गोलियों के अभाव में ज्यादा देर तक तैयारी के साथ आए शत्रु सैन्य से नहीं लड़ पा रही थी। अब ललित के पास केवल पंद्रह गोलियाँ बची थी। मुठभेड़ के आरंभ में ही, ललित ने हायकमांड से सहायता के लिए फोन किया था। उसे पता था कुछ ही पलों में बैक अप फ़ोर्स आ सकती है। और चिंता यह भी सता रही थी कि यदि बैक अप फ़ोर्स के आने के पहले अगर दुश्मन सेना अंदर घुस आयी तो यह हमारी नाकामी रहेगी। इस संभावना को भाँपते हुए उसने दुश्मन का मुकाबला करते हुए मैने मोर्चा संभालने का निर्णय लिया। दो जवान भी शहीद हुए थे। अपने साथियों से ईशारा कर कवर फायरिंग करने का आदेश दिया। बंदूक लेकर आगे बढ़ना शुरू किया और गोलियाँ भी दागने लगा। कुछ ही दूरी तय करने के बाद ललित की बंदूक खाली हो गयी। उसके साथियों की बंदूकें भी खाली हो चुकी थी। कुछ पल के लिए वहाँ

सन्नाटा छायाँ ये सन्नाटा काफी डरावना था। अचानक दुश्मनों की आवाजें आने लगी।

इनकी गोलियाँ खत्म हुई हैं। टूट पड़ो!

दुश्मनों को रोकने आगे बढ़े ललित को तभी एक गोली सीने में लगी वह वहीं गिर गया।

थोड़ी देर बाद वहाँ तक बैक अप फ़ोर्स पहुँची। दुश्मनों पर हमला बोल दिया। घायल अवस्था में पड़े-पड़े ललित यह गोलीबारी का दृश्य देख रहा था। बहुत देर तक घायल अवस्था में पड़े रहने से खून ज्यादा बह गया और वहीं पर एक और वीर ने अपनी मातृभूमि की रक्षा के लिए अपने प्राणों की बाजी लगायी।

ललित के शहीद होने की सूचना ने उसके माता-पिता को पागल बना दिया। उनकी हालत बहुत खराब हुई वे एक दूसरे को संभाल नहीं पा रहे थे। मातृभूमि के रक्षणार्थ शहीद हुए सपूत के लिए आँसू भी बहा रहे थे और वीर सपूत कहते हुए स्वयं को वे गौरवज्वित भी महसूस कर रहे थे। २६ जनवरी १९७३ को कैप्टन ललित सिंह को मरणोपरांत 'परमवीर चक्र' से नवाजा गया।

जय हिंद ।

## जिद्द

– प्रणिती गारगोटे (F. Y. B. com)

काळाच्या या पडद्यावर तिचे चित्र बदलत गेले,  
काळाच्या या विळख्यात तिचे जगणे कठीण झाले,  
घराबाहेर पडणे तिचे एक शाप बनूनी राहिले  
रस्त्यावरच्या कचऱ्याचेही मोल तिला ना उरले...!

डोळ्यातील स्वप्ने तिची डोळ्यातच विरुनी गेली,  
उंच भरारी घेण्याआधीच कोलमडून पडली,  
नाही उरली कोणतीच आशा नव्यानी जगण्याची,  
सावरून उठण्याआधीच दुःख पदरात पडली...!  
मनामध्ये गजबज हि जगण्याची भीती भरली,  
आक्रोशांच्या किंचाळ्यांना नाही उरले सोबती,  
नजरेच्या कचाट्यातूनी सुटण्या ती झाशी होऊन लढली,  
नशिबानेही सोडली साथ तिथे जिद्द नाही हरली...!

## गुरु पौर्णिमेची भेट

संस्कृती मोरे

निरागस होतो आम्ही ओल्या मातीच्या समान,  
 या मातीच्या गोळ्याला तुम्हीच दिला आकार,  
 स्वतःच्या पायावर उभं रहायला शिकवलं,  
 उभं राहून चालायला शिकवलं;  
 नुसते चालायला नाही, तर योग्य दिशेने चालायला शिकवलंत,  
 कधी ठेच लागून अडखळलो तेव्हा तुम्हीच तर सावरायला शिकवलं,  
 न थांबता प्रयत्न करत जिद्दीने पुढे चालत रहायला तुम्हीच तर सांगितलं.....  
 कितीही संकटं आली तरी न घाबरता न डगमगता उंच झेप घेत,  
 संकटांना सामोरे जायचा हा आत्मविश्वास तुमच्यामुळेच तर आला....  
 चांगल्या-वाईटाची समज दिली,  
 आमच्या मधील जिद्द ओळखून;  
 आम्ही देखील काहीतरी करू शकतो हे सांगत आमच्या अस्तित्वाशी,  
 आमची ओळख तुम्हीच तर करून दिली....  
 आकृती देऊन आम्हाला दिव्याची,  
 तुम्ही या दिव्याची ज्योत झालात.....  
 आत्मविश्वासाचे तेल ओतून दिवा हा प्रज्वलित केला,  
 ज्ञानाचा हा प्रकाश सर्वत्र झळकू दिला,  
 ज्योत आमची होऊन स्वतः चटके सहन करून आम्हाला  
 आमच्या क्षेत्रात उजळायची प्रेरणा दिली तुम्ही .....

तुमचे आभार मानायला हे शब्दांचेही माध्यम पुरेसे नाही,  
 अथांग आहात तुम्ही तुमचे वर्णन करायला हा जन्मही पुरेसा नाही....  
 तुमची मायेची सावली आणि पाठीवर कौतुकाची थाप,  
 तुम्ही दिलेल्या ज्ञानाची साथ आणि तुमचे आशीर्वाद,  
 अशीच माझ्यासोबत राहो....  
 तुमची साथ सदैव माझ्या सोबत अशीच असावी,  
 आजच्या या गुरुपौर्णिमेच्या दिनी माझी ही कविता भेट स्वीकार करावी.....



॥ गुरु पौर्णिमा ॥

## प्रेम हे...

- अमेय साठे (F. Y. B.com)

प्रेम हे...

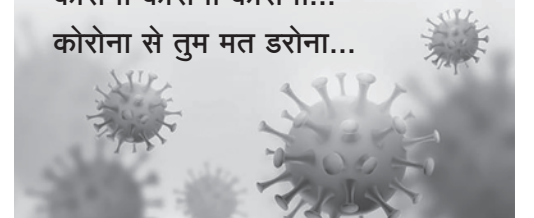
तुझे नाव घेता ओठी  
 स्मितहास्य खुलावे  
 तुझे रूप सुंदर  
 जसे शरद चांदणे  
 पहिल्या पाऊससरीने  
 मृदगंध दरवळे  
 तुझे करता वर्णन  
 शब्द अपुरे पडावे  
 तुझे हास्य पाहताना  
 दुःख विसरून जाणे  
 हेच असावे का प्रेम  
 माझे मलाच न कळे?



## कोरोना

ईशान शाह (T.Y. BBA. (CA))

ना हाथ मिलाना, ना बाहर जाना...  
 घर में ही पड़े हैं,  
 बंद पैसा आना,  
 रोते दिल की यही हे दास्तां...  
 कोरोना कोरोना कोरोना...  
 कोरोना से तुम मत डरोना...



## स्वातंत्र्याचे अगभिज्ञ नायक

हेरंब महादेव कोंढरे (M.Sc. II)

भारतीय स्वातंत्र्यसंग्रामात अनेक ज्ञात-अज्ञात वीरांनी अतुलनीय शौर्य दाखवत बलिदान दिलं. यापैकी अनेक लोकांचा इतिहास आज पुसला गेला आहे, यातील अनेक नावे तर आपल्याला माहितही नसतील.

वंचिनाथनने विशीत असतानाच मोठं क्रांतिकारी काम केलं. तिरुनेलवलीच्या ब्रिटिश टॅक्स कलेक्टरचा वध करून या देशभक्ताने ब्रिटिशांच्या हाती सापडू नये म्हणून हौतात्म्य पत्करले. हे कृत्य त्याने किंग जॉर्ज फिफ्थच्या भारतात होणाऱ्या राज्याभिषेकाच्या निषेधार्थ केलं होतं.

नेमकं काय झालं होतं?

तिरुनेलवलीचा टॅक्स कलेक्टर असलेला रॉबर्ट एशे हा सहकुटुंब रेल्वेतून कोडाईकनालला जाण्यासाठी 'मनियाची' रेल्वे स्थानकावरील 'तिरुनेलवली-मनियाची मेल' या रेल्वेत 'इंडो-सेलन बोट मेल' या मद्रासला जाणाऱ्या रेल्वेच्या प्रतीक्षेत थांबला होता. त्याच रेल्वेत असलेले दोन भारतीय तरुण रॉबर्टच्या कम्पार्टमेंटमध्ये आले. त्या दोन तरुणांपैकी एकजण दारातच थांबला आणि दुसरा आतमध्ये गेला.

काहीतरी विचित्र घडतंय असा विचार करून रॉबर्टने आपली हॅट त्या आत आलेल्या तरुणाच्या दिशेने फेकली, पण तो डिफेन्स निरुपयोगी होता. डोळ्याची पापणी लवायच्या आत त्या तरुणाने आपली पिस्तूल काढून रॉबर्टवर गोळ्या झाडल्या...

आणि वंचिनाथनने प्लॅटफॉर्मवर उडी घेतली, प्लॅटफॉर्मच्या शेवटच्या टोकाकडे तो आपल्या साथीदारासह पळत सुटला.

खादरबाशा या रॉबर्टच्या चपराशाने वंचिनाथनवर उडी घेतली आणि ते दोघे एकमेकांना भिडले. खादरबाशाला प्लॅटफॉर्मवरून खाली ढकलून वंचिनाथन स्थानकावरील स्वच्छतागृहात शिरला. तोपर्यंत त्याच्या साथीदाराने रेल्वे स्थानकाजवळील शेतातून पळ काढला होता.

पोलिसांनी स्वच्छतागृहाला चारही बाजूंनी घेरलं होतं. एक हत्यारबंद पोलीस स्वच्छतागृहात शिरला, पण तो पर्यंत वंचिनाथनने आत्महत्या केली होती. त्याच्या खिशात एक पत्र सापडलं, त्या पत्राच्या शेवटी उल्लेख होता: शसंगोट्टाई येथून वंची अय्यर आणि त्या पत्राचा मजकूर होता:

इंग्लंडच्या म्लेच्छांनी आपल्या देशावर सत्ता मिळवली आहे, ते

हिंदूंच्या सनातन धर्माला चिरडून त्यांना संपवण्याचा प्रयत्न करताहेत. प्रत्येक भारतीय इंग्रजांना आपल्या देशातून बाहेर काढून स्वराज्य आणि सनातन धर्माची पुनर्स्थापना करतोय. या धरतीवर भगवान श्री राम, छत्रपती शिवाजी, गुरु गोविंद, गुरु अर्जुन यांनी राज्य करून सर्व धर्माची रक्षा केली, पण याच भूमीत ते (ब्रिटिश) म्लेच्छ गोमांस खाणाऱ्या पाचव्या जॉर्जला राजा बनवू इच्छितात.



ज्या क्षणी किंग जॉर्ज फिफ्थ (पाचवा जॉर्ज) या भूमीवर उतरेल त्या क्षणी त्याचा वध करण्याची शपथ तीन हजार मद्रासी जनतेने घेतली आहे. मी त्यांच्यातलाच एक असून, आमचा हेतू सगळ्यांसमोर स्पष्ट होण्यासाठी आज मी हे केलंय, प्रत्येक हिंदुस्थानीने याला आपलं कर्तव्य मानावं.

गोमांस खाणाऱ्या किंग जॉर्ज फिफ्थचा राज्याभिषेक साजरा करण्यासाठी अनेक महान सम्राटांनी राज्य केलेल्या या वैभवशाली भूमीत येत असलेल्या एशेला मी जीवे मारणार. या पवित्र भूमीला गुलाम करणाऱ्या लोकांचं दैव काय आहे हे दाखवून देण्यासाठी मी हे करतोय.

मी, त्या सम्राटांच्याच वंशजांपैकी एक असून, एशेला आणि जॉर्जला इशारा देऊ इच्छितो.

वंदे मातरम! वंदे मातरम! वंदे मातरम!

या प्रकरणात पोलिसांनी १३ जणांवर आरोपपत्र दाखल केले, त्यापैकी एक होते नीळकंठ ब्रह्मचारी, पोलिसांच्या म्हणण्यानुसार त्यांच्याकडे या चळवळीचं नेतृत्व होतं.

हे सगळं एवढ्यावरंच संपलं काय?

खरंतर या घटनेची पाळंमुळं स्वदेशी चळवळीसोबत जुळलेली आहेत. १९०० च्या दशकात तिरुनेलवली भाग हा भारतीय

स्वातंत्र्यसंग्रामाचा केंद्रबिंदू म्हणून उदयास आला. सुब्रमण्यम् भारती, व्ही. ओ. चिदंबरम पिल्लई, सुब्रमण्यम् सिवा हे स्वातंत्र्य चळवळीचं नेतृत्व करीत होते.

व्ही. ओ. चिदंबरम पिल्लई यांनी स्वतःची जहाजबांधणी संबंधी उपकरणं तयार करण्याची कंपनी सुरु केली होती. याशिवाय ते अनेक स्वदेशी कापड गिरण्या आणि अशा अनेक स्वदेशी कंपन्यांचे मालक होते.

पिल्लई यांनी ब्रिटिशांविरुद्ध कामगार चळवळही चालवली. यामुळे भडकलेल्या ब्रिटिश सरकारने त्यांच्यावर अनेक कारवायांचा बडगा उगारला. स्वदेशी चळवळ बंद पाडण्यात एशेचा मोठा हातभार होता. 'पिल्लई सरकारविरोधी कामं करतात' या आरोपाखाली एशेने त्यांना कैदेतसुद्धा टाकलं होतं. जेव्हा लोकांनी या नेत्याच्या अटकेविरोधात आंदोलनं करायला सुरुवात केली, तेव्हा मात्र एशेने निष्पाप आणि शांततेत आंदोलन करणाऱ्या जनतेवर बेछूट गोळीबार करण्याचा आदेश दिला होता. त्याच्या निशाण्यावर मुख्यत्वेकरून पिल्लई यांची स्वदेशी कंपनी होती.

शेवटी त्याच्या प्रचंड दबावामुळे आणि चिदंबरम कैदेत असल्याने ती कंपनी बंद पडली. चिदंबरम यांनी त्यांच्या आत्मचरित्रात एशे हा त्यांच्या कंपनी बंद पडण्याला कारणीभूत असल्याचं सांगितलं आहे.

या घटनांमुळे तरुण भारतीय स्वातंत्र्यसैनिकांच्या भावना उद्दिग्ण झाल्या, १९१० साली निळकंठ ब्रह्मचारी यांनी टेंकासी येथे भेट दिली, निळकंठ ब्रह्मचारी यांचा पुद्दुचेरीमधील स्वातंत्र्य संग्रामात मोठा सहभाग होता. मदूकाराई चिदंबरम पिल्लई यांच्याकडे ते वास्तव्यास होते, तर संकरकृष्ण अय्यर (वंची अय्यर यांचे साथीदार) यांचेही ते मित्र होते.

या दोघांद्वारे 'भारत माता संगम' या क्रांतिकारी संघटनेसाठी त्यांना अनेक लोक मिळाले. या सर्वांनी ब्रिटीश अधिकाऱ्यांना जीवे मारण्याची शपथ घेतली. तिरुनेलवली याठिकाणी चळवळीत सामील झालेल्या लोकांइून अनेक पत्रं, लहान पुस्तिका असं साहित्य पोलिसांनी हस्तगत केलं आणि त्यातील अनेक लोकांना अटकही केली.

या वेळी धर्मराज आणि वेंकटेश अय्यर या दोघांनी पोलिसांच्या हाती येऊ नये म्हणून हौतात्म्य पत्करले. या सर्वांपैकीच एक, मदस्वामी पिल्लई याने पुद्दुचेरीला पलायन केलं आणि भारतीदासन यांनी त्याला मलेशियाला जाण्यासाठी मदत केली. त्यावेळीही निळकंठ ब्रह्मचारी यांच्यासह बाकी सदस्यांना अटक करण्यात आली होती.

खरंतर, एशेचा मृत्यू ही काही देशातील एका कोपऱ्यात घडलेली सामान्य घटना नव्हती आणि फक्त सूडाच्या भावनेने केलेली तर अजिबातच नव्हती. त्याचे धागेदोरे राष्ट्रीय स्वातंत्र्य चळवळीशी जाऊन मिळतात.

या घटनेचा राष्ट्रीय स्वातंत्र्य चळवळीशी असलेला संबंध आणि पार्श्वभूमी:

सन १९०४ मध्ये स्वातंत्र्यवीर सावरकरांनी 'अभिनव भारत' संस्थेची स्थापना करून शस्त्रबळाने स्वातंत्र्य चळवळ चालवली. वऱ्हाणेरी वेंकटेश सुब्रमण्यम अय्यर यांनी सन १९०७ मध्ये या संघटनेचं सदस्यत्व घेतलं आणि ते याचे उपाध्यक्ष बनले.

जेव्हा १९१० साली सावरकरांना लंडनमधून अटक झाली तेव्हा व्ही. व्ही. एस. अय्यर यांनी लंडनमधून पलायन करून पुद्दुचेरी गाठले. तिथूनच ते आपलं काम पाहत होते आणि ते सतत क्रांतिकारकांच्या संपर्कात राहत असत. पॅरिस इंडियन सोसायटी, मादाम कामा यांच्या बरोबरीनेही ते काम करत. पुस्तकांच्या आतमध्ये रिव्हॉल्वर आणि बंदुकी लपवून आणून त्या भारतीय क्रांतिकारकांपर्यंत पोहोचवणे अशी अनेक साहसी कामं ही संघटना करत असे.

पाचव्या जॉर्जच्या भारतामध्ये होणाऱ्या राज्याभिषेकाच्या घटनेने या सर्व स्वातंत्र्यसैनिकांच्या भावना ब्रिटिश सरकारविरुद्ध तीव्र होत्या. या वेळी मादाम कामा यांनी अनेक भारतीय युवकांना या विरुद्ध आंदोलन करण्याचे आवाहन केले.

याच काळात वांछी अय्यर हा निळकंठ ब्रह्मचारी यांना भेटायला पुद्दुचेरी मध्ये आला होता, दरम्यान ते बाहेरगावी गेल्याने व्ही. व्ही. एस. अय्यर यांनी त्याला आसरा दिला. वंची साहसी असल्याने त्याला अय्यर यांनी नेमबाजीचे प्रशिक्षण दिले आणि मादाम कामा यांनी पाठवलेली एक पिस्तूल त्याला देऊ केली. त्याला या ब्रिटिश अधिकाऱ्याला मारण्यासाठी उद्युक्त केले.

वंचीला आधीच या ब्रिटिश अधिकाऱ्यांबद्दल राग असल्याने त्यानेसुद्धा या संधीचं सोनं करायचं ठरवलं. अखेर पाचव्या जॉर्जचा होणारा राज्याभिषेक एका ब्रिटिश अधिकाऱ्याच्या मृत्यूला कारणीभूत ठरला.

याशिवाय, मादाम कामा यांनीही एंशच्या वधाचं कौतुक केलेलं आपल्याला दिसतं, त्या म्हणतात, "ज्या वेळी या देशातील गुलाम इंग्लंडच्या राजासमोर पायघड्या पसरत आहेत, त्याचवेळी मानियाची आणि मायमेनसिंग येथील २ तरुणांनी आपलं शौर्य दाखवून दिलं."



## दोस्ती

रिद्धी मेहेर

ये जो दोस्त का रिश्ता होता है,  
बहुत अजीब होता है,  
पता नाही क्यूं वो घर वालों,  
से भी ज्यादा करीब होता है,  
दोस्त का प्यार दुआ से कम नहीं होता,  
दोस्त दूर हो तो भी गम नहीं होता,  
प्यार में अक्सर दोस्ती कम हो जाती है,  
पर दोस्ती में कभी प्यार कम नहीं होता,  
दोस्ती वो अहसास है जो मिट नहीं सकता,  
दोस्ती वो पर्वत है जो झुक नहीं सकता,  
इसकी किमत क्या है ये मुझे पूछो,  
ये वो अनमोल मोती है, जो बिक नहीं सकता,  
सुना है खुदा के दरबार से,  
कुछ फरिश्ते फरार हो गये,  
काही तो वापस चले गए,  
और कुछ हमारे यार हो गये,  
ऐ यार सुन यारी तेरी मुझे जिंदगी  
से भी प्यारी है, जबाव ही नहीं हमारा,  
कभी बडी खूब जोडी हमारी है.....

*"Friendship is the golden thread  
that ties the heart of all the world."*

## एक लाल लाल गुलाब

प्रिया शेषमणी मौर्य (F.Y. B.A.)

एक लाल लाल गुलाब  
है मेरा प्यार एक लाल, लाल गुलाब की  
तरह है जो जून में नया उठा आया है।  
है मेरे प्यार की धुन की तरह जो  
मधुर धुन में बजाया जाता है। निष्पक्ष  
कला के रूप में, मेरी बोनी लड़की,  
में प्यार में इतना गहरा हूँ;  
और मैं तुम्हें तब भी प्यार करूंगा, मेरे प्यारे,  
जब तक समुद्र का गिरोह सुख न जाए।

जब तक समुद्र गिरोह सुख नहीं जाता मेरे  
प्रिय और चट्टाने पिघल जाती है,  
सूरज में तुम्हे अभी भी प्यार करूंगा,  
मेरे प्रिय, जबकि रेत ओ जीवन चलेगा।

और तुम्हे अच्छी तरह से किराया मेरा  
एकमात्र प्यार और तुम्हे अच्छी  
तरह से किराया, थोड़ी देर! और मैं फिर  
आऊंगा, मेरे प्रिय, यह दस हजार मिल था।

## सपना

शर्वरी पडवळ (F.Y. BBA)

बचपन से एक ही सपना लिए आगे बढ रही हु,  
दुख होता है की बाकी सब ने तो मेरा साथ छोड दिया  
हा मगर खुशी इस बात की है की ये कमबख्त अभी भी मेरे पास है।  
पता नहीं की ये कब तक मुझमे जसबा बनाये रखेगा,  
हा मगर खुशी इस बात की है की ये कमबख्त अभी भी मेरे पास है।  
पर मुझे इसे सिर्फ अपने पास नहीं रखना मुझे ऐसा जीना है,  
आसमान में ऊँची उडान भरना चाहती हु,  
उस मंजर पर जाना चाहती हु जहाँ पे मुझे कोई ना रोक सके.  
मुझे पता है की रास्ता थोडा मुश्कील है,  
हा मगर खुशी इस बात की है की ये कमबख्त अभी भी मेरे पास है।



## ओझं

- प्रणिती गारगोटे (F. Y. B.com)

अपेक्षांच्या ओझ्याखाली आज तू जगतो आहेस,  
 आजच्या या स्वार्थी जगात तू स्वतःला हरवलं आहेस,  
 नशिबी आहेत दुःखं सारी त्यात तू खचू नकोस,  
 दलदलीतल्या कमळासारखं जरा तू खुलून बघ..

अपेक्षांच्या ओझ्याखाली स्वप्ने तुझी दडवलीस तू,  
 नात्यांच्या या बंधांसाठी स्वतः झिजतोस तू,  
 ठेव मनी आशा तुझ्या उंच भरारी घेण्याची,  
 सारे काही विसरून तू मनमुराद जगून बघ....!!



## 'ती' ची भेट

अर्जुन

निवडक दिवस ते सोन्याचे,  
 आठवड्यातले मोजके, त्या भेटीचे..

सहवास तिचा जणू दरवळ कस्तुरी,  
 त्यात आयुष्य परिधान करी वस्त्र भरजरी..

अंधारलेल्या प्रवासात दिसतो किरण एक आशेचा,  
 कळेल का तिला अर्थ माझ्या भाषेचा ?

शब्द प्रत्येक तिचा अमृताच्या थेंबासारखा,  
 नयन तिचे जणू अवकाशातील चंद्र-तारका..

प्रश्न पडतो अनेकदा, मरीचेय तर ती नाही ?  
 तिच्या फक्त स्मरणाने अंधःकार राहतच नाही!

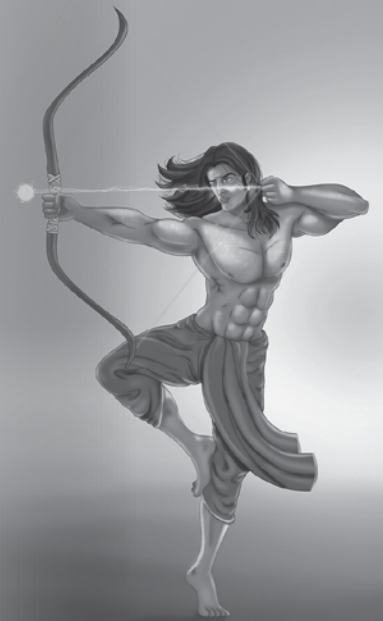
नकोसे वाटतात ते बोचरे नकार,  
 पण त्या अक्षरांतून येतो जगण्याला आकार..

समुद्र अन् आकाशाचा संगम जसा,  
 हासुद्धा काहीसा तसा..  
 वरवर दिसणारा, वाटणारा..  
 वास्तविकतेत कधीही शक्य नसणारा...

## जणू तो कर्ण मला वेगळाच भासला....

साक्षी वाईकर (F. Y. B.com)

जन्मतः माता कुंतीने नदी-प्रवाहावर सोडूनही तो यथेच्छ हसला,  
 जणू तो कर्ण मला वेगळाच भासला...  
 यथासांग किर्ती पसरूनही कधी गर्व ना बाळगला,  
 जणू तो कर्ण मला वेगळाच भासला...  
 नात्यांच्या सन्मानासाठी आणि याचकाच्या याचनेसाठी ज्याने कवचकुंडल गमावला,  
 जणू तो कर्ण मला वेगळाच भासला...  
 मैत्री आणि धर्मासाठी ज्याने मृत्यू पराजय पत्करला,  
 जणू तो कर्ण मला वेगळाच भासला...  
 सर्व गमावूनही तो सर्वश्रेष्ठ राहिला,  
 जणू तो कर्ण मला वेगळाच भासला...  
 मृत्यूलाही सामोरे जाताना जो निधड्या छातीने उभा राहिला,  
 जणू तो कर्ण मला वेगळाच भासला...  
 असा सूतपुत्र कौंतेय कर्ण सर्वांच्या मनामध्ये विलासला....!!



## आज पाहिला मी.....

पल्लवी गावडे

आज पाहिला मी एक थवा उडताना  
उंच त्या आभाळात दूर दूर जाताना  
पंख पसरुनी स्वतःचे स्वच्छंदी झेप घेताना  
आज पाहिला मी एक थवा उडताना  
ध्येय एक ठरवूनी त्याच दिशेला जाताना  
मन विचलित न करता दूर दूर जाताना  
आज पाहिला मी एक थवा उडताना  
एकसाथ एकजुटीने सोबत उडताना  
मत सर्वांचे नीट ऐकून घेताना  
आज पाहिला मी एक थवा उडताना  
माणसांपेक्षा पक्षी किती आत्मनिर्भर आहेत ना ?  
हा विचार करताना  
आज पाहिला मी एक थवा उडताना.....

## आयुष्यातील घडामोडी

निकीता देसाई

शब्दाने शब्द वाढतो  
कळीतून फूल बहरते  
विचाराने विचार बदलतो  
चांगल्या विचाराने माणूस घडतो  
अनमोल आहे जे जीवनी  
तेच आहे संजीवनी

## विजय जीवनाचा

निकीता देसाई

आपल्या घरी आपणच कैदी  
कोरोना आहे आपला वैरी  
आला जर कुणाला ताप सर्दी खोकला  
वाटे त्याला कोरोनाने गाठला  
कोरोनाने केली नात्याची माती  
एकाच घरी सगळे वेगळे राहती  
कोरोनाला हरवणे बनला होता Task  
म्हणून प्रत्येकाने वापरले Mask  
याच्यामुळे हरवली जीवनातील मजा  
अनेकांना वाटू लागले जीवन म्हणजेच सजा  
होत अवघड घेणं श्वास  
हरवला होता आपल्यांचा सहवास  
आता कोरोनाला हरवण्यात कुठे तरी यश मिळते  
कोमेजलेली कळी आता हळूहळू खुलते  
कोरोनामुळे विस्कटली होती सारीच घडी  
आठवे तेव्हा शिक्षकांची छडी  
पण आता मात्र भरलाय आळस  
छोटे काम सुध्दा वाटते चढला मोठा कळस  
Online कामे कशी झटपट होतात  
Offline ला काही मर्यादा येतात  
जीवनात घडले काही आमूलाग्र बदल  
त्याची करावी आपण कदर



## The elegant lassie

Revathi Pillay (F.Y. B.A.)

The elegant lassie

The elegant lassie is someone who's alluring from soul, not from the countenance

The elegant lassie is someone, who get's cheerful

When she's around the people whom she loves

The elegant lassie is someone, who's more optimistic but more selfless

The elegant lassie is someone, who is as beneficent as Jane austen

The elegant lassie is someone, who can be virtuous

At time but sharp-witted too.

## A sweet dream

Srushti Padwal (F.Y.B.A.)

On such a day  
I saw the moon shining bright  
With its peaceful radiant light  
Everything seemed to be silent  
With an unusual magic of love  
in atmosphere  
'N' I felt you there with me....  
I got those relishing moments  
in my mind  
You were beside me, I looked  
at you and you gave a tight hug  
to me  
You vanished there where  
I saw the moon shining bright  
With its peaceful radiant light  
In such cold nights with your  
warm hands...  
Giving me comfort of love  
You kissed me on forehead,

'N' rounded my hands...  
Around you and looking up in  
the sky where I saw the lovely  
moon shining bright with its  
peaceful radiant light.  
When suddenly with all these  
occurrences  
I saw that it was the next day  
But soon I realized that once  
I had dreamt to happen it one  
fine day Carrying these lovely pleasing  
memories  
Of that such lovely day  
With joint hands I saw up to  
the sun shining so bright  
It poured on me the blessings of light..

## मैत्री

गौरी गोमासे (T.Y.B.A.)

नकळत झाली ओळख आपली  
मैत्रीची ती आता चाहूल लागली  
हळूहळू हा संवाद वाढला,  
जणू डोळ्यातल्या निर्मळ धारा  
वाटाही दिसू लागल्या स्वच्छ निराळ्या...  
त्यावर वाहे अलगद वारा  
हवाहवासा वाटू लागला  
मैत्रीचा हा शांत किनारा  
सुखद लाजवणारा उंच उंच शिखरावरून  
पडणारा तो अलगद झरा...

## महामारी(पँडेमिक) नंतरचे जग: आर्थिक तंत्रज्ञान

प्रतिक्षा बोधे (F.Y. B.Sc.)

करोनामुळे जगाची रचना बदलण्याची आशा वर्तवली जाते; पण बदलांची सुरुवात तर कृत्रिम बौद्धिकतेचा वापर करणारी 'चौथी औद्योगिक क्रांती' आणण्याच्या प्रयत्नांतून झालीच होती. पुढल्या दशकभरात हे बदल स्पष्ट होऊ लागतील, तेव्हा पाश्चात्य देशच शिरजोर ठरलेले असतील..

कोविड-१९ नंतरचे जग प्रचंड प्रमाणात बदललेले असेल ही सर्वात मोठी आणि सर्वात प्रबळ शक्यता आहे. मात्र, हे बदल नेमके काय असतील, यात कोणत्या वर्गाचा व देशांचा सर्वाधिक फायदा होईल आणि समाजातील कोणते वर्ग होऊ घातलेल्या बदलांमध्ये भरडले जाऊ शकतात यांवर फारशी चर्चा होताना दिसत नाही. कोविड-१९ मुळे बदललेल्या परिस्थितीचा तात्काळ आणि मोठा फटका हातावर पोट असणाऱ्या वर्गाला सर्वाधिक बसलेला आहे, याबाबत फारसे दुमत असण्याचे कारण नाही. याला कोणताही देश अपवाद नाही. कोविड-१९ नंतरच्या जगाचा विचार करताना या वर्गाच्या परिस्थितीत व्यापक सुधारणा होणार की त्यांची स्थिती अधिकच हलाखीची होणार याचा संदर्भ केंद्रस्थानी असायला हवा. मात्र सध्या ज्या दिशेने भविष्याची मांडणी केली जात आहे त्यानुसार 'नाही-रे' वर्गाचे भवितव्य अधिकच अंधःकारमय होणार अशी चिन्हे आहेत. यामागे तीन ठोस कारणे आहेत.

एक, संपूर्ण जगाची ठप्प झालेली अर्थव्यवस्था किमान पूर्ववत होण्यासाठी निदान दोन ते तीन वर्षांचा कालावधी लागू शकतो.

जगभरातील गरीब व निम्न-मध्यमवर्गीय लोकांसाठी प्रचंड बेरोजगारी, त्याहून जास्त अर्ध-रोजगारी व सर्वात अधिक अनिश्चितता असा हा कालखंड असणार आहे.

दोन, जागतिक अर्थव्यवस्था पूर्ववत होण्याऐवजी त्याची पुनर्रचना होण्याची शक्यता जास्त आहे. मात्र, या पुनर्रचनेसाठी किमान एक दशकाचा कालावधी लागेल असे आपण गृहीत धरू शकतो. म्हणजे, पुनर्रचित अर्थव्यवस्था अधिक उत्पादक व अधिक रोजगारनिर्मिती करणारी जरी असली तरी तो आकार घेण्यास लागणारा कालावधी कामगारवर्गाच्या एका पिढीला ५० वर्षे मागे ढकलणारा ठरू शकतो.

एकोणिसाव्या आणि विसाव्या शतकात औद्योगिक क्रांती आणि वसाहतवाद यांच्या संयुक्त परिणामांनी जागतिक अर्थ-सत्ताकारण पश्चिमकेंद्री झाले होते. एकविसाव्या शतकात या सत्ताकेंद्राची वाटचाल पश्चिमेकडून पूर्वेकडे होण्याची प्रक्रिया सुरु झाल्याचे दिसले. याचा मुख्य केंद्रबिंदू चीन जरी असला तरी भारत, दक्षिण कोरिया, आशियाई देश व जपान यांचे महत्त्व नव्या अर्थरचनेत वाढीस लागले होते किंवा वाढण्याची शक्यता होती. आता मात्र सत्ताकेंद्र पश्चिमेकडून पूर्वेकडे सरकण्याची शक्यता जवळपास मावळली आहे. या परिस्थितीत, पूर्वेकडील महत्त्वाचा देश म्हणून भारताला नव्या संर्धीचा शोध व नव्या समीकरणांची जुळवाजुळव करावी लागणार आहे.

### अस्तित्वाचा शोध

निकिता कडूकर (F.Y. B.A.)

अश्रूंना माझ्या कारण मिळेना  
मी का रडतोय हेच मला कळेना.  
कळकटलेल्या नशिबात माझ्या  
अजून किती दारिद्र्य आहे?  
झोळी भरून दिली सुखाची  
पण त्यातही छिद्र आहे.  
माझे दुःख इतके की  
शब्द कमी पडतील  
साथ होईल मला माझ्या शब्दांची  
कदाचित तेही माझ्या सुखासाठी लढतील.

जगण्यासाठी देवा, बुद्धी तूच मला देना  
कारण माझं मी काय करू हेच मला कळेना.  
भटकंती करतो घेण्यासाठी  
मी अस्तित्वाचा शोध,  
अपयशाच्या वाटेवर माझ्या पदरी  
मात्र निराशाच पडते रोज.  
ध्येय काय माझे मी यातच गोंधळलो आहे  
का जणू रोज मी  
माझ्यापासूनच पळतो आहे.  
माझ्या अंधारलेल्या सप्नांना  
उजेडाचे पंख दे,  
झेप घेण्यास उंच  
माझ्या पंखांना बळ दे.

## Massive Plant extinction

Veronica Harold Lobo (F.Y. B.Sc.)

What is an Extinction? Have you ever wondered why some species of plants and animals suddenly disappear from the face of the Earth? Well, that is Extinction.

Extinction is the termination of an organism or of a group of organisms of the same kind, called species. This is the natural part of evolution, but sometimes extinctions occur at a much faster rate than usual. Extinction occurs when species number decreases due to various environmental factors like climate change, global warming, habitat

extinct. Also, in some areas, the biological invasion of certain plant and animal species, cause harm to local species, due to which extinction of flora and fauna takes place. An example is the Water Hyacinth. This plant grows rapidly in water, forming a thick layer over the water surface. This causes the decay of other plants. The Water Hyacinth was brought to India as an ornamental plant but it turned out to be a threat by draining oxygen from water bodies which led to the extinction of other species.



India is known for its rich biodiversity of plants and animals. Our cultural diversity has played an important role in preserving flora and fauna. But now, our diversity is in danger. The Kerala Legume known as *Cynometra beddomei*, the Arunachal Hopes tree, Nilgiri holly,

fragmentation, natural calamities and over exploitation of species. Extinction also happens due to the evolutionary changes in the species family. Deforestation and urbanization are the two main causes of plant and animal extinction.

The human population is increasing day by day. This results in increase in the use of resources and also increase in deforestation for building skyscrapers. When humans destroy the natural habitat by cutting trees and converting farm lands into urban sectors, it creates an imbalance in the ecosystem. Due to this imbalance, many species decreases in number and eventually become

Meghalaya *stericulia*, and Euphorbia *mayurnathanii* species of plants is just a history. These plants have been declared as "Extinct"

Massive Plant Extinction is a matter of great concern. We have to work hand in hand, and pledge to control mass extinction. For this we have to stop harming the environment. This is the only way for us to have a better tomorrow for our future generation.

So let us come together, and save our Planet Earth!

*(Essay: from Online HVDC Botany Fest)*

## स्टार्ट अप इंडिया

डॉ. रश्मी सुनील ढोबळे (HOD Business Economics Dept)

भारत हा विकसनशील देश आहे. आर्थिक विकास साध्य करण्यासाठी रोजगार निर्मिती आणि संपत्ती निर्मितीसाठी स्टार्ट अप इंडिया योजना आणि कृती योजना हा त्याच्यासाठी भारत सरकारचा एक उपक्रम आहे. १५ ऑगस्ट २०१५ रोजी भारताच्या माननीय पंतप्रधानांनी स्टार्ट अप इंडिया उपक्रमाची घोषणा केली. आणि १६ जानेवारी रोजी २०१६ रोजी स्टार्ट अप इंडिया इनिशिएटिव्ह लॉंच केले. स्टार्ट अप इंडियाचे उद्दिष्ट उत्पादने आणि सेवांचा विकास आणि नवकल्पना आणि भारतातील रोजगार दर वाढवणे हे आहे.

भारत सरकारने स्टार्टअप इंडिया उपक्रमाची संकल्पना प्रत्यक्षात आणण्यासाठी वेगाने प्रयत्न केले आहेत. स्टार्टअप इंडिया उपक्रमांतर्गत भरीव प्रगती झाली आहे, ज्याने देशभरात उद्योजकतेची भावना जागृत केली आहे. स्टार्टअप इंडिया योजनेचे फायदे म्हणजे सरलीकरण, अर्थसाहाय्य, सरकारी निविदा, नेटवर्किंग संधी शिवाय त्यासह स्टार्टअप इंडिया योजनेद्वारे उद्यमशीलतेला पंख देऊन संपत्ती आणि रोजगारक्षमता वाढवण्याचा विचार आहे. सरकार या योजनेंतर्गत स्टार्टअप्सना कर लाभ देते आणि ३ जून २०२१ पर्यंत पाच वर्षांपेक्षा थोड्या अधिक कालावधीत या योजनेद्वारे सुमारे ५०,००० स्टार्टअप्सना मान्यता मिळाली आहे.

- देशातील नाविन्यपूर्ण आणि स्टार्टअप्सचे पालनपोषण करण्यासाठी एक मजबूत इको-सिस्टम तयार करणे हे प्रमुख उपक्रमाचे उद्दिष्ट आहे. ज्यामुळे शाश्वत आर्थिक वाढ होईल आणि मोठ्या प्रमाणावर रोजगाराच्या संधी निर्माण होतील.
- स्टार्टअप्स कृती आराखड्यात कृती बाबींचा समावेश आहे जसे की 'सरलीकरण' आणि 'निधी समर्थन आणि प्रोत्साहन' आणि 'उद्योग-शैक्षणिक भागीदारी'.
- डिपार्टमेंट फॉर प्रमोशन ऑफ इंडस्ट्री अँड इंटरनल ट्रेड (DPIIT) ला स्टार्ट अपच्या अंमलबजावणीत समन्वय साधणे बंधनकारक आहे. स्टार्टअप इंडिया अंतर्गत उपक्रम प्रामुख्याने पाच सरकारी विविध विभागांचा समावेश आहे जसे की उदा.
- विज्ञान आणि तंत्रज्ञान विभाग (DST),
- जैव-तंत्रज्ञान विभाग (DBT),
- मानव संसाधन विकास मंत्रालय (MHRD),
- श्रम आणि रोजगार मंत्रालय आणि कॉर्पोरेट व्यवहार मंत्रालय

(MCA) आणि नीती आयोग.

अशा प्रकारे स्टार्टअप इंडियाचा एक प्रमुख उद्देश स्टार्टअप संस्कृतीला उत्प्रेरित करणे आणि भारतातील नवकल्पना आणि उद्योजकतेसाठी एक मजबूत आणि सर्वसमावेशक परिसंस्था तयार करणे आहे. जानेवारी २०१६ मध्ये उपक्रम सुरु झाल्यापासून, स्टार्टअप इंडिया अॅक्शन प्लॅन अंतर्गत लक्षणीय प्रगती झाली आहे. स्टार्टअप इंडिया अॅक्शन प्लॅनच्या अंतर्गत येणारी कोणतीही कंपनी 'स्टार्टअप' म्हणून ओळखली जाईल आणि भारत सरकारकडून लाभ मिळवण्यासाठी DPIIT द्वारे मान्यता मिळण्यास पात्र असेल. यात येणाऱ्या कंपनीच्या वय निगमाची तारीख १० वर्षांपेक्षा जास्त नसावी, प्रायव्हेट लिमिटेड कंपनी किंवा नोंदणीकृत भागीदारी फर्म किंवा मर्यादित दायित्व भागीदारी म्हणून समाविष्ट केले गेले व वार्षिक उलाढाल आर्थिक वर्षासाठी रु. १०० कोटीपेक्षा जास्त नसावी.

शिवाय त्यासह राज्ये आणि स्टार्टअप्स यात केरळने केरळ स्टार्टअप मिशन (KSUM) नावाची सरकारी स्टार्टअप नोडल एजन्सी सुरु केली आहे. तेलंगणाने विशेष महिला इनक्यूबेटर WE HUB, तेलंगणा इनोव्हेशन फंड (T-Fund, आणि सरकारी मॅटॉर प्रोग्राम (GMP) ची स्थापना करून 'अनुकरणीय पुढाकार' घेतला आहे.

आंध्र प्रदेशने १७,००० चौ.फू. संशोधन आणि विकास प्रयोगशाळा म्हणून टेक्नॉलॉजिकल रिसर्च आणि इनोव्हेशन पार्क याने उद्योजकांसाठी ₹ १०० कोटी (US\$ 13 दशलक्ष) चा इनिशियल इनोव्हेशन फंड नावाचा फंड देखील तयार केला आहे.

मध्य प्रदेश सरकारने ₹२०० कोटी निधी तयार करण्यासाठी भारतीय लघु उद्योग विकास बँक (SIDBI) सह सहकार्य केले आहे.

राजस्थानने iStart राजस्थान आणि भारतातील सर्वात मोठे व्यवसाय उष्मायन केंद्र सुरु केले आहे - भामाशाह टेक्नो हब जून २०१७ पर्यंत त्यांच्या स्वतःच्या स्टार्टअप उपक्रमांसह भारतीय राज्यांमध्ये पश्चिम बंगाल, उत्तर प्रदेश, ओडिशा, राजस्थान, कर्नाटक, गुजरात, झारखंड, गोवा, आंध्र प्रदेश, बिहार, छत्तीसगड, केरळ, मध्य प्रदेश, तेलंगणा आणि उत्तराखंड यांचा समावेश आहे.

## डिजिटल भारतीय अर्थव्यवस्था

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१ जुलै २०१५ रोजी भारताचे पंतप्रधान नरेंद्र मोदी यांनी ग्रामीण भागांना हाय-स्पीड इंटरनेट नेटवर्कने जोडणे आणि डिजिटल साक्षरता सुधारणे या उद्देशाने डिजिटल इंडिया उपक्रम लाँच केला होता. डिजिटल इंडिया कार्यक्रमाची दृष्टी इलेक्ट्रॉनिक सेवा, उत्पादने, उत्पादन आणि नोकरीच्या संधी या क्षेत्रांमध्ये सर्वसमावेशक आहे.

डिजिटल इकॉनॉमी म्हणजे अशी अर्थव्यवस्था जी डिजिटल संगणकीय तंत्रज्ञानावर आधारित आहे, परंतु इंटरनेट आणि वर्ल्ड वाइड वेबवर आधारित बाजारपेठेद्वारे व्यवसाय चालवते असे समजले जाते. याला इंटरनेट इकॉनॉमी, न्यू इकॉनॉमी किंवा वेब इकॉनॉमी असेही संबोधले जाते. डिजिटल इंडिया पुढाकाराचे तीन मुख्य घटक म्हणजे ई-व्यवसाय, पायाभूत सुविधा, ई-कॉमर्स. 'डिजिटल इकॉनॉमी' म्हणजे वस्तू आणि सेवा, बाजारपेठ किंवा अन्यथा तयार करण्यासाठी किंवा माहिती तंत्रज्ञानाचा वापर. डिजिटल नॉव्हेल्टीमध्ये डिजिटल बँकिंग, ई-कॉमर्स, आभासी लिंक, स्मार्टफोन ॲप्स आणि प्लॅटफॉर्म सहयोग यांचा समावेश आहे.

डिजिटल अर्थव्यवस्था चांगली की वाईट पाहताना

१. अर्थव्यवस्था डिजिटायझेशन फायदे आणि कार्यक्षमता निर्माण करते. कारण डिजिटल तंत्रज्ञान नावीन्यपूर्ण आणि इतर रोजगाराच्या संधी आणि आर्थिक वाढीस चालना देते.
२. डिजिटल अर्थव्यवस्था समाजाच्या सर्व पैलूंमध्ये देखील व्यापते.
३. लोकांच्या परस्परसंवादावर प्रभाव टाकते आणि व्यापक समाजशास्त्रीय बदल घडवून आणते.

डिजिटल इंडिया ही भारत सरकारने सुरु केलेली एक मोहीम आहे ज्यायोगे सरकारच्या सेवा नागरिकांना इलेक्ट्रॉनिक पद्धतीने ऑनलाइन पायाभूत सुविधांमध्ये सुधारित करून आणि इंटरनेट कनेक्टिव्हिटी वाढवून किंवा तंत्रज्ञानाच्या क्षेत्रात देशाला डिजिटल पद्धतीने सक्षम बनवून उपलब्ध करून दिल्या जातील याची खात्री करण्यासाठी आहे. या उपक्रमामध्ये ग्रामीण भागांना हाय-स्पीड इंटरनेट नेटवर्कने जोडण्याचा प्रयत्न पुढील चार स्तंभांवर बांधला गेला पाहिजे. नैतिकता, सामाजिक रचना, अर्थव्यवस्था आणि सुरक्षा योजना.

मानवी विकासामध्ये, तंत्रज्ञानाने नेहमीच क्रांतिकारी भूमिका बजावली आहे आणि व्यापक आर्थिक आणि सामाजिक बदल घडवून आणले आहेत. 'डिजिटल इंडिया'ची गरज वाढत असून,

सरकारने डिजिटल सर्वसमावेशकतेसाठी ई-गव्हर्नन्स, मोबाईल ई-आरोग्य सेवा आणि डिजिटल फायनान्स यासारख्या विविध कार्यक्रमांचा समावेश करून 'डिजिटल इंडिया' उपक्रम सुरु केला. त्याद्वारे, देशाला अधिक सशक्त अर्थव्यवस्था निर्माण करण्यासाठी सरकारचे वाढलेले लक्ष ज्यामध्ये माहिती तंत्रज्ञान आणि व्यवसाय प्रक्रिया व्यवस्थापन, डिजिटल कम्युनिकेशन सेवा आणि इलेक्ट्रॉनिक्स उत्पादन यांसारख्या प्रमुख डिजिटल क्षेत्रांना त्यांचे २०२५ पर्यंत सकल देशांतर्गत उत्पादन दुप्पट होण्याची शक्यता आहे. डिजिटलायझेशनने आधुनिक अर्थव्यवस्थेच्या विकासात एक महत्त्वाचा घटक प्राप्त केला आहे, ज्याने नवीन संज्ञा- 'डिजिटल इकॉनॉमी' ला जन्म दिला आहे.

१. सुरक्षित आणि स्थिर डिजिटल पायाभूत सुविधांचा विकास,
२. सरकारी सेवा डिजिटल पद्धतीने वितरित करणे
३. सार्वत्रिक डिजिटल साक्षरता.

सध्याच्या तंत्रज्ञानाच्या जगात ग्राहक सहजपणे वेबसाइट्सवर आणि इतर सोशल मीडिया प्लॅटफॉर्मवर पाहतात त्या गोष्टींचा प्रभाव पडतो. डिजिटल अर्थव्यवस्था शिक्षण, आरोग्यसेवा, मनोरंजन, बँकिंग इत्यादींसह वापरकर्त्यांच्या जीवनातील एका वेगळ्या पैलूमध्ये एकरूप आहे.

डिजिटल अर्थव्यवस्थेच्या वैशिष्ट्यानुसार इंटरनेट हा डिजिटल अर्थव्यवस्थेचा कणा आहे. चोवीस तास काम करू शकते आणि ग्राहकांपर्यंत कधीही पोहोचू शकते. वेगवान, सतत नवनवीन शोध आणि नवीन तंत्रज्ञानाचा परिचय यामुळे आहे. व्यवसायामध्ये नवीन उत्पादने आणि सेवा तयार करण्यासाठी, स्पर्धात्मक निर्णय घेण्यासाठी, ग्राहकांना लक्ष्य करण्यासाठी आणि बरेच काही करण्यासाठी डेटा वापरतात.

डिजिटल अर्थव्यवस्थेची उत्पादकता वाढवण्यासाठी सर्व व्यावसायिक क्षेत्रांमध्ये माहिती आणि दळणवळण तंत्रज्ञानाचा (ICT) प्रसार करण्यात आला आहे. अधिक लोक आता ऑनलाइन काम करत आहेत, आणि जागतिक अर्थव्यवस्थेला हातभार लावणाऱ्या ऑनलाइन क्रियाकलापांच्या वाढीमुळे, इंटरनेटच्या प्रणालींना समर्थन देणाऱ्या कंपन्या अधिक फायदेशीर आहेत.

डिजिटल इकॉनॉमीची काही सर्वात उल्लेखनीय उदाहरणे सूचीबद्ध आहेत:

नेटफ्लिक्स (Netflix), उबर (Uber), ऍमेझॉन (Amazon), गुगल (Google)

## विद्यार्थ्यांच्या अष्टपैलू विकासामध्ये वसतिगृहाची भूमिका

डॉ. पल्लवी कुलकर्णी (सहायक प्राध्यापक, वाणिज्य विभाग, हरिभाई व्ही. देसाई महाविद्यालय)

प्रिय वाचकहो,

वसतिगृह ही खरं तर काळाची गरज आहे असे म्हणाले तर काही वावगं ठरणार नाही. अनेक विद्यार्थी आपल्या ध्येयपूर्तीसाठी खूप लांबून येतात. एक चांगला माणूस घडून देशसेवा करणारे होऊ अशी स्वप्नही पाहतात. प्रत्येक विद्यार्थ्यांच्या या स्वप्नांना पूर्ण करण्याची ताकद खरं तर त्यांच्या सभोवतालची परिस्थिती त्याला करून देत असते. मग अशा स्वप्नांना पूर्ण करण्यासाठीच तर वसतिगृहाचे दरवाजे कायम उघडे असावेत, असे म्हणता येईल.

विद्यार्थ्यांच्या अगदी मूलभूत गरजा ज्या ठिकाणी पूर्ण होऊ शकतात ते असते वसतिगृह. दूरवरून आलेल्या, शिकण्याची जिद्द असलेल्या, चिकाटीने आणि अथक परिश्रमाने पुढे आलेल्या सर्वच

राहण्याची व्यवस्था, त्यांच्या पौष्टिक आहाराची व्यवस्था, आजूबाजूला आनंदी वातावरण, फुलझाडी / बागा, ग्रंथालय अशा सर्व मूलभूत गरजांची पूर्तता करणे महत्वाचे आहे.

ज्या पद्धतीचे वातावरण त्यांच्या शैक्षणिक जीवनासाठी गरजेचे आहे, ते वसतिगृहामार्फत अगदी सहजपणे त्यांना मिळू शकते. जसे- विद्यार्थ्यांना त्यांच्या अभ्यासाचे वेळापत्रक निश्चित करणे व त्याचे पालन करणे शक्य होते आणि यामुळे त्यांचा आत्मविश्वास वाढण्यास मदत होते. आपण ठरविलेले कोणतेही काम अगदी सहजतेने पूर्ण करू शकतो, याची त्यांना खात्री पटते.

वसतिगृह हे एकप्रकारे सर्वच विद्यार्थ्यांसाठी त्यांचे हक्काचे दुसरे घरच म्हणावे लागेल. वसतिगृहामुळे विद्यार्थ्यांना अनेक फायदे होत



असतात, चांगल्या सवयी लागतात आणि काही कौशल्ये विकसित होण्यास मदत होते. या ठिकाणी प्रत्येक विद्यार्थ्यांची जडणघडण होते कारण आजूबाजूच्या वातावरणातून, त्यातून आलेल्या अनुभवांतून अगदी कळत-नकळतपणे प्रत्येक जण घडत जातो. या ठिकाणी विद्यार्थ्यांचा विकास होतो. भिन्नभिन्न भागातून आलेली सगळी मुले एकत्र राहतात. एकमेकांच्या मदतीने पुढे जातात. त्याचप्रमाणे

विद्यार्थ्यांची जिथे खरी ओळख होते ते असते वसतिगृह. किंवा असेही म्हणता येईल की, ज्या विद्यार्थ्यांना मनापासून शिकण्याची ओढ आहे, जीवनात काहीतरी चांगलं करून दाखवण्याची जिद्द आहे, परंतु काही घरगुती व आर्थिक अडचणींमुळे त्यांना घरी राहून त्यांची ध्येये पूर्ण करण्यास अडथळे येतात अशा सर्व विद्यार्थ्यांना एकत्र आणते ते असते वसतिगृह.

घरापासून दूर असलेल्या विद्यार्थ्यांच्या शिक्षणासाठी व प्रगतीसाठी त्यांच्या गरजेनुसार आवश्यक त्या सोयी - सुविधा उपलब्ध करून देणे ही वसतिगृह व्यवस्थापकाची जबाबदारी असते. विद्यार्थ्यांच्या

प्रत्येक विद्यार्थ्यांला स्वतःची ओळख, स्वतःशी आणि इतरांशी नव्याने होते. वसतिगृहात एक विद्यार्थी इतर अनेक विद्यार्थ्यांशी संपर्क साधतो. तो त्यांच्याकडून अनेक चांगले गुण आत्मसात करतो. आयुष्यात नवीन मित्र / मैत्रिणी भेटतात. अनेकांशी मैत्री होते आणि त्यातूनच एकमेकांविषयीची सहानुभूतीची भावना निर्माण होते. तसेच चांगल्या मित्रपरिवारामुळे पुस्तकांची / साहित्याची ओळख होण्यास मदत होते, आरोग्याची काळजी घेण्याबाबत जबाबदारीची भावना निर्माण होते, आपल्यासोबत आपल्या मित्रपरिवाराचीही काळजी आपणच घ्यायला हवी ही भावना देखील



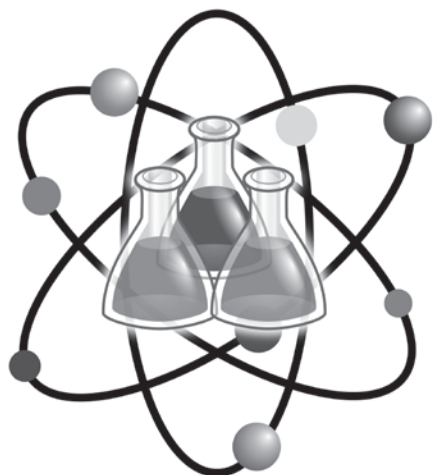
## ROLE OF SCIENCE FOR WELFARE OF LIFE

Sharali Panhale (F.Y. B.Sc.)

Science means to observe the things around, collecting the information and using it for the welfare of mankind. Today many institutes use modern methods and techniques to perform researches in scientific field by observing the surrounding nature and recording the changes. Now-a-days life without science is totally impossible. For e.g. we use many things to make work easier like vacuum cleaners, cell phones for communication, oven etc. In current situation if scientific researches would have not been there then it was impossible to judge of such a pandemic which have been now threat to human life.

Science also has built up many positive effects on human beings it has increased the standard of living. The new technology research in medical science has reduced the risk of losing lives. In ancient period there were no such techniques to detect the problems causing premature deaths, complications in birth, genetic disorders etc. Today techniques like test tube baby, vitro fertilization etc. are few methods that makes developing life easier.

Purification in water also has resulted in reducing the mortality rate. According to the researchers clean water was responsible for about 43% of the total mortality decline in 13 cities from 1900 to 1936. Infant mortality in cities dropped 62% as a result of clean water. People are aware of cleanliness and hygiene at this stage. Science has



also helped out in working on different energy resources chemical energy is used to run vehicles, nuclear energy to



make explosives, solar energy is now beneficial for farmers e.g. solar irrigation etc.

As science is beneficial to human life. it also has some adverse effects on nature like pollution, deforestation, lack of natural resources available, etc. science though has touched the sky but is affecting the young minds. There is lack of academic performance among youngsters, lack of attention, low creativity, physical inactivity and obesity. Though advancement in weapons has increased the defence system of countries but there is also misuse that comes along with advancement explosion during wars cause loss of innocent lives.

Science is valued in society because the application of scientific knowledge fulfils the basic human needs and improve standard of living. Many scientific discoveries have been successfully carried out in 2020: Plastic eating bacteria, Neo wise comet, 3D map of universe. The new technique in which carbon based rubbish can be turned out into useful graphite is invented during 27 January to 02 February 2020. Hence today science and scientific researchers are of utmost importance to make life easier.

*Essay was submitted in Botany Fest organised by Dept. of Botany HVDC*



- Dr. Vikram Gujar (Commerce) Marketing Manager.
- Mr. Nandu Indapurkar (Library) Punctual and Sincere.

I wrote regarding some of the retired colleagues in HVDC Dristhi magazine.

The Superannuation of the next four colleagues is in the next academic year (2021-22). I wish them a very bright retirement days ahead in advance. Thank you ..Dr. Anita Sathe for your peaceful nature (Vice Principal, Commerce), Dr. Atul Bagul for your legal studies (Asso. Prof., Chemistry), Dr. G.R. Pansare for your Gentle-manship (HoD., Physics), Mr. R.G. Pakhare for your Sportsmanship (Physical Director/ Sports) Dr. (Mrs.) Inamdar Vilina for your appreciating nature.. Thank you one and all..

### आभासी तंत्रज्ञान: एक वरदान

विद्यार्थी मित्रांनो, आपण सर्व विज्ञानाचे / शास्त्राचे विद्यार्थी आहोत. आपण विज्ञानास वरदान मानले आहेच, किंबहुना ते वरदानच आहे. मात्र त्याचा गैरवापर म्हणजेच शाप. जसे प्रथमदर्शनी कोरोनाचे संकट चीन देशाने लादल्यासारखे वाटते. (प्रयोगशाळेत मानवाने विषाणू तयार केला असावा) हा विषाणू प्राणी : वटवाघुळ इ. मार्फत आला असेल तर निसर्ग-निर्मित, साथीचा रोग.

सध्याच्या प्रसंगाचा आपण सकारात्मक रीतीने विचार करूया. अशी स्थिती दर तीन पिढ्यांनंतर उद्भवते असे इतिहास सांगतो. सद्यस्थिती ही एक तात्पुरती संधी आहे असे समजून वागूया. मला विचाराल तर मी सांगू शकेल की, ज्या गोष्टी इतर वेळी मला दुरापास्त होत्या, त्या मी केल्या. लिखाण आम्ही विसरत चाललो आहोत. ते करणे मला गरजेचे वाटते. माझ्याविषयी, गावाविषयी, संशोधनाबाबत मी लिहू शकलो.

आपल्या महाविद्यालयात अनेक विद्यार्थी दूरच्या अंतरावरून येतात. जसे: शिवापूर, द्वितीय वर्षातील मुला-मुलींना ज्ञानार्जनासाठी सकाळी ७.३० वाजताच्या तासिकेसाठी पहाटे ५.३० वाजता कामकाजास सुरुवात करावी लागत असणार. पालकांना सुद्धा, अर्थातच जेवणाचा डबा तयार करण्यासाठी. त्यात ऋतू (पावसाळा,

हिवाळा आणि उन्हाळा) प्रमाणे येणाऱ्या विविध अडचणी, त्यावर मात करून, Corporation ची बस न मिळाल्यास स्वारागेट, तेथून बस बदलणे आलेच. वेळ आणि उर्जा याचे गणित करणे आवश्यक आहे.

सध्या आपण सर्व घरी आहोत. घररुनच कामे करत आहोत. त्याला बंधने आहेत. पण पर्याय नाही. 'सर सलामत - तो पगडी पचास' असे म्हणतात. जीव महत्वाचा. त्यामुळे हेही दिवस जातील असे गृहीत धरून अभ्यास करूया. विजेस /electricity महत्व प्राप्त झाले आहे, कारण आपला भ्रमणध्वनी / Mobile चार्ज करणे आवश्यक आहे. Power-बँक सुद्धा महत्वाची आहे, जेणे करून वीज उपलब्ध नसेल तर पर्याय.

आभासी तंत्रज्ञान वापरल्यास वेळेची खूप बचत होते. कालांतराने आपल्याला असे वाटेल की, पूर्वी का बरे आपण असे केले नाही. कला, वाणिज्य आणि विज्ञान शाखेतील शिक्षकांच्या महाविद्यालयातील वेळा वेगवेगळ्या आहेत. सर्वांच्या सोयीची संध्याकाळची वेळ आभासी सभेसाठी उपयुक्त असू शकते, हा विचार सुद्धा आम्ही कधी केला नाही.

Zoom hm platform ४० मिनिटे पर्यंतचा plan विनामूल्य असून त्यात अमेरिकेची भागीदारी चीन बरोबर आहे. Google-meet, Jio-meet, Skype, Webex meetings, GoToMeeting, Microsoft Teams असे अनेक पर्याय उपलब्ध आहेत. प्रत्येक platform ची अनेक वैशिष्ट्ये आहेत. योग्य त्या platform चा वापर आपण करू शकतो. मात्र पारंपरिक शिक्षण (खडू-फळा) अद्वितीय, कारण आभासी पद्धतीत आपण पराधीन आहोत. असेही पराधीन आहे जगती पुत्र मानवाचा..



# The Girl

**Bhavika Raka** (S.Y. B.A.)



I'm a girl  
 I work while bleeding  
 I bleed while working  
 Still can't complain because I'm a girl

I'm a girl  
 If I get promotions earlier I'm a whore  
 If I don't get promotions I'm dumb  
 Still can't raise voice because I'm a girl

I'm a girl  
 If I'm friendly with every one I'm an open treasure  
 If I'm rude then I have attitude of my post  
 Still can't say anything because I'm a girl

I'm a girl  
 If I'm hanging out with boys,  
 I might as well sleep with them  
 If I'm not hanging out with boys, I'm boring  
 Still can't talk about this because I'm a girl

I'm a girl  
 If I have good relations with senior, I am their mistress  
 If I don't have good relations with senior, I'm unattractive  
 Still can't speak against this because I'm a girl

I'm a girl  
 If I'm raped, it's because of small clothes  
 Boys are not wrong for not controlling emotions here  
 Because I'm a girl I should know my limits

I'm a girl  
 If I'm pregnant before marriage I'm slut  
 But the boy isn't because he is a male  
 & I don't have right to speak up against  
 male because I'm a girl

I'm a girl  
 If I'm working in night I'm characterless  
 If I deny to work in night I'm typical  
 Because I'm a girl

I'm a girl  
 If they asked for dowry it's  
 because of my ugliness  
 If I asked for alimony I'm gold digger  
 Because I'm a girl

I'm a girl  
 If I speak for women, I'm feminist  
 If I speak for men, I'm with justice  
 Because I'm a girl

I'm a girl  
 If I do anything I'm wrong  
 Because I belong to this patriarchal society  
 Where boys are never wrong  
 But I'm always wrong because I'm a girl

## Nakshtra

Dr. Archana Pandit

Priyansh saw her first time near the main building at the time of admission. She was wearing pink salwar kameez. He thought who wears such kind of clothes these days but what struck him was her knee length hair neatly plaited. In the beginning, the pink glow on her eager face he thought was the reflection of her dress but later he realised it was her flawless skin glimmering in sunlight. He passed by her but she rarely noticed him. He wanted to be in queue of form submission, if he lingers, the queue of students will increase. He entered the building and stood in a long queue of students already there awaiting for their numbers. Few final year students were chatting at ease, laughing and giggling. On the other hand freshers were anxious, a slight stress of new place, entering one of the topmost universities in India was apparent on their faces. Priyansh also noticed few friends, some familiar faces standing in front of him in the row. He waved to few friends and was checking messages on cell phone, he heard a soft tantalizing voice, Is this queue for form submission? Startled he turned back to see the same girl he saw outside the building. He replied, yes of course and introduced himself I am Priyansh, final year student of English Literature, without any hesitation. She said, I am Nakshatra, First year student means I am here for admission, nice to meet you, I also want to opt for literature with a cheerful smile on her face. He was engrossed in her smile for a moment. He noticed the dimples on her cheeks during she smiled. He again pulled his attention somewhere else. This will look odd if he gazed at her continuously he reminded himself. His friends were there. And she is not my miss perfect he thought. She is typical girl from a small place but he continued to gaze at her, he felt again uneasy and pulled his attention somewhere. The queue was so long meanwhile the office closed for lunch time. Remaining students received token so most of them went for lunch. He stood there a while and decided to go and eat something. She was right behind him. He thought it will be rude on his part if he doesn't invite her to join for lunch. He hesitatingly asked her and she said yes immediately he was not expecting this. She added I am hungry didn't have any breakfast better you are with me I am new to this place and don't know where the canteen is. He paid for her she didn't



mind, his friends were smiling mischievously he thought. She is not my choice once again he reminded himself. She exclaimed, how can you eat such food? He simply said this is your first day, you will become habitual to it and won't be able to digest homemade food afterwards, she laughed and again he was locked in her dimples. But he noticed she wasn't that much shy as other newcomers. She didn't mind his stare. After submitting the forms they said good bye and returned to hostels. He was still thinking of her, he couldn't believe himself, that night he was unable to sleep, as he closed his eyes, her pretty face flashed, her dimples he couldn't forget. Next day he saw her near the department among her other friends, she smiled and he waved. While he was going to the library, he

sensed her, she was right behind him, he was surprised, she said my turn due today, you should come for coffee. He hated coffee but couldn't utter a single word. She was wearing bottle green salwar kameez today, he was unable to take his eyes off her. She didn't mind his gaze, he noticed to his surprise. What kind of girl is this he thought? But the gaze continued. He was captured in her dimples. After coffee they went to library. He showed her almost all his favourite books. She said My second love is reading books. He lost almost his heartbeat and questioned who is the first? She replied easily, I am awaiting for the one. He gasped for his breath and thanked God though he declared himself atheist. What's happening with me? Am I fool, I met her yesterday, I don't know anything about her except her first name and I am thanking God for she isn't having any lover yet. What's this? Is it love at first sight I read in books, I called it fancy and the same is happening with me. Shall we leave now? Nakshatra was saying, he realised. Regaining his senses, he said to her I will drop you at your hostel and then I will go. She said nothing, they walked together, suddenly he wanted to protect her from all the hooligans whom he thought were chasing her. Nobody can stop observing her beauty he noticed, even girls looked back at her. Am I one of those observers to her or am I special to her he thought, again he thought what I am thinking, we don't know each other yet. He was startled when she said good bye. He looked at her and was touched by her innocence and pure looks. He felt ashamed of his own thinking. He added tomorrow morning Can We go for walk if you don't mind? Tomorrow is holiday, Sunday. He saw the excitement in her eyes and got affirmation. He was unable to sleep that night also. The thought is this love kept him awake. At 7.00 am he was near her hostel gate, he thought he might have to wait but she was already there in a pink dress she was wearing first day they met. He thought who is more beautiful the beauty of rising sun or his Nakshatra. Yes his Nakshatra, he was sure it is love, his first love, he decided to express his feelings today itself. When they reached near Lake, the orange hue of the

morning spread over the horizon, the cool breeze awakened sleeping trees, birds were chirping, the sky blue water of the lake reflected their images. He saw her eyes were full of tears. He was afraid, has she sensed my emotions and is upset. Before he opened his mouth, she said, this is first time in my life, I have seen such a beautiful morning, sunrise and wonderful place. Thanks to you. She added, I am brought up in an orphanage, we weren't allowed to go out ourselves. I was found on full moon day so they named me Nakshatra. But now I am eighteen so they asked me to go out as per rules, I was not knowing where to go and how to live, but I was sure I wished to continue my studies, fortunately one of the philanthropist my rector introduced me was ready to provide financial assistance for my studies, I am thankful to him very much, so I am in this university and I met you on first day you helped me a lot, I spent all my savings on travelling and purchasing two pairs of salwar kameez and I had no money for food, you paid for my lunch, thank you once again. Yesterday that great person Shridhar Deshpande sent me money through his driver so I could offer you coffee, when I will start working in Earn and Learn Scheme, I will be able to return your favor, I will take you for lunch she was speaking like water falling with full force from the heights from waterfall. He couldn't intervene. He wished to say He is the only son of Shri. Shridhar Deshpande, the same driver yesterday gave him tiffin prepared by his loving mother along with money.

He loves her from the bottom of his Heart,  
 he realised.

He is unable to live without her.

But he didn't utter a single word.

He decided to wait till she fulfills all her dreams.

He decided to be with her throughout her journey.

He decided to keep his complete name secret till she completes her education.

This is nothing else but True Love he uttered.

My Nakshatra...

# REPORTS OF THE DEPARTMENTS

- Arts Faculty
- Science Faculty
- Commerce Faculty
- Self Finance Unit
- Library
- Sports
- Kalamandal



## Department of History

**Introduction:** Last 28 years History Department has been engaged in various activities related to students. Department offers an undergraduate program that provides students with a comprehensive understanding of Ancient, Medieval and Modern Indian History. The program is designed by S.P.P.U. to develop critical thinking skills, improve research capabilities, and enhance writing proficiency.

**Curriculum:** The undergraduate program of history is designed by S.P.P.U. to provide students with a broad understanding of Indian and World History, as well as specific knowledge about particular regions and time periods. The program consists of a series of core courses, which cover topics such as Indian History. In addition, students are required to take specialized courses in Indian history at S. Y. and T. Y. level, as well as a course in research methodology. The program also provides opportunities for students to take elective courses in areas such as Heritage, Modi Lipi etc.

**Faculty:** The History department at H.V. Desai College has a team of qualified faculty members who are experts in their respective fields. They encourage students to engage in critical thinking and to question assumptions about the past. The faculty members are also available to provide individualized support to students and to mentor them through their academic journey.

**Research Opportunities:** The history program at H.V. Desai College emphasizes the development of research skills. Students are required to complete a research project as a part of their program. The research project provides students with an opportunity to explore a specific topic in depth, using primary sources and original research.

**Experiential Learning:** The history program at H.V. Desai College provides students with opportunities for experiential learning. Students have the opportunity to participate in field trips to historical sites and museums. These trips provide students with an opportunity to engage with history in a real-world context and to develop a

deeper understanding of the past.

**Career Opportunities:** The undergraduate program of history at H.V. Desai College prepares students for a variety of career paths. The program emphasizes critical thinking, research skills, and writing proficiency, which are highly valued in many industries. Graduates of the program have gone on to work in fields such as education, law, journalism, and government. The program also provides a strong foundation for students who wish to pursue further study in history, such as a master's or doctoral degree.

**Text-books** – Reference books written by Dr. Ganesh Raut and Mrs. Jyoti Raut: Dr. G. D Raut and Mrs. Raut have authored several text-books in the field of history. Their books offer detailed insights into various aspects of Indian History and provide a comprehensive understanding of the past. These books are an excellent resource for students and scholars interested in exploring Indian history in depth.

**Conducts Heritage Walk:** Department of History organizes heritage walks regularly to explore the rich history and cultural heritage of Pune. The walk takes participants on a journey through the historical sites and monuments of the region, providing a comprehensive understanding of the past. This is to learn about Indian history in a hands-on and engaging way.

**Modi Lipi Course:** This course is a unique program that focuses on the study and understanding of the medieval script used in Marathi language. The course provides participants with a comprehensive understanding of the script's history and development, as well as hands-on practice in writing and reading Modi Lipi. It is an excellent way to learn about the cultural heritage of the region and to develop valuable language skills.

**Heritage Management Course:** Mr. Bhujang Bobede's online Heritage Management course is designed to provide students with a comprehensive understanding of the principles

and practices of heritage management. The course covers a range of topics, including conservation, restoration, interpretation, and tourism. It is the best way to learn about the management of cultural heritage sites and to develop the skills necessary to work in this field.

**Special Courses for Credit Course:** Department offers several special courses for credit, which are designed to provide students with a deeper understanding of specific aspects of Indian history and cultural heritage. These courses cover a range of topics, including scripts, historical monuments, and cultural traditions. It explores Indian history in depth and to develop valuable skills in research and analysis.

**Scholarships to needy students:** Department helps to get scholarships to needy students, which is a commendable initiative to support students

who face financial challenges to pursue their academic goals. This program provides an opportunity for talented and deserving students to access quality education without the burden of financial constraints. It helps to promote inclusivity and diversity in education and contributes to the growth and development of the community.

**Counselling to students:** Department offers counseling services to students, which is an important initiative to support students' mental health and wellbeing. The counseling services provide a safe and confidential space for students to discuss their concerns and challenges and to receive guidance and support to overcome them. It helps to promote students' emotional resilience and academic success, and contributes to their personal and professional growth.

## Department of Political Science

**Department of Political Science has conducted following activities in the academic year 2021-22:**

- Workshop on Creative Writing on 01/01/2022. 114 students participated in this workshop.
- National Voter's Day celebration on 25/01/2022. 260 students participated in this program.
- Savitri Mahotsav on 14/02/2022. Various programs were conducted Online and Offline also. 250 students participated in this activity.
- Nirbhay Kanya Abhiyan on 24/03/2022. 156 students participated in this activity.
- Inter-Collegiate Mock Parliament Competition on 29/04/2022. 7 colleges across Pune District participated in this competition.

Department has also organized following Conference/ Workshop/ Activities in the academic year 2021-22:

Sr. No	Name of the Activity	Resource Person	Date of the Activity	No. of Participated Students
1	Workshop on Mental Health of the Youth	Ms. Reshma Kachare	24/12/2021	175
2	Generic Elective Course	Mr. Shubham Gurav	03/02/2022	50
3	Opportunities in Higher Education after Graduation	Eklavya Foundation	16/02/2022	58
4	Field Visit	Department	Feb./Mar. 2022	142
5	Social Survey	Department	Feb./Mar. 2022	139
6	Project on International Relations	Department	March 2022	57

**Dr. Neeta Bokil**

Vice Principal, Arts faculty and Head,  
Department of Political Science

## Department Of English

### Name of the Activity: Bridge Course

Date: 11/10/2021 – 18/10/2021

Class: FYBA

No. of Students Participated: 70 Students

Time: 8.30 am -9.10am

Coordinator: Dr. Archana Pandit

Nature: Academic

The activity aimed at bridging the gap between the H.S.C. syllabus of English language and literature and the FYBA syllabus. Students asked questions about the doubts in their minds in the classroom after the guidance session every day.

Students voluntarily and actively participated in the activity. Students' confidence to cope up with FYBA Compulsory English and Optional English syllabus was improved at the end of the session.

### Name of the Activity: Saraswati Pujan

Date: 14th November 2021

Extra Curricular Activity

Description On the auspicious day of Khande Navami, every year Department of English performs Saraswati puja to remain indebted to the Goddess Saraswati, the Goddess of knowledge.

### Name of the Activity: Debate Competition

Date: 17th December, 2021

Class: S.Y.B.Sc

No. of Students Participated: 70 Students

Time: 11:00am-12:00 Noon

Coordinator: Dr. Siddarth Kale

Nature: Co-Curricular Activity

The activity aimed at developing the communication skills, presentation skills, critical thinking skills, and referencing skills of the students. Students presented their opinions about the topics assigned in the classroom after the guidance session. Students voluntarily and actively

participated in the activity. Students' confidence to present in front of the audience with good gestures and body movements were improved at the end of the session.

### Name of the Activity: Spoken English Class

Date: 27/12/2021 – 30/01/2022

Class: All Faculty Students

No. of Students Participated: 100 Students

Time: 4.00 pm – 5.00 pm

Coordinator: Dr. Siddarth Kale

Nature: Co-Curricular Activity

The activity aimed at developing the communication skills, presentation skills, and critical thinking skills of the students. Students presented their opinions about the topics assigned in the classroom after the daily guidance session.

Students voluntarily and actively participated in the activity.

Students' confidence to present in front of the audience with good gestures and body movements was improved at the end of the session. Their communication skill was improved.

### Name of the Activity:

Date: 30th December 2021

Class: F.Y.B.com, SYBA, TYBA

No. of Students Participated: 100 Students

Time: 9:00 am-10:00am

Coordinator: Dr. Siddarth Kale

Nature: Academic

Description : The activity aimed at creating awareness among the students about the nature and scope of Film Reviews and improving their writing skills. Prof. guided the students.

Students voluntarily and actively participated in the activity.

Students' awareness about the field of Film Review and techniques of writing Film reviews increased at the end of the session.

### **Name of the Activity: Remedial Teaching**

Date: Last week of April and First week of May

Class: FYBA

No. of Students Participated: 70 Students

Time: 8.30 am -9.10am

Coordinator: Dr. Archana Pandit

Nature: Academic

The activity aimed at helping the students who have scored fewer marks in the internal examination to improve their subject knowledge in order to boost their confidence for the annual examination.

Students voluntarily and actively participated in the activity.

Students' confidence to cope with the annual examination was boosted at the end of the session.

### **Name of the Activity: Word Game**

Date: 18th April 2022

Class: All Faculty Students

No. of Students Participated: 40 Students

Time: 8:20 am-9:00pm

Coordinator: Dr. Archana Pandit

Nature: Academic

Description: The activity aimed at developing the set vocabulary of the students which will further improve their communication and writing skills.

Students voluntarily and actively participated in the activity.

Students happily gained knowledge about the words and their vocabulary was improved at the end of the session.

### **Name of the Activity: Grammar Class Batch- 1 Cri. I**

Duration: 30 Days (April 2022)

Class: All Faculty Students

No. of Students Participated: 40 Students

Time: 11:00am-12:00 Noon

Coordinator: Dr. Archana Pandit

Nature: Co-curricular Activity

Description: The activity aimed at developing the grammatical skills of the students which will help them in various competitive examinations.

Printed material was provided to every participant.

Students voluntarily and actively participated in the activity.

Students grammatical skills and knowledge has boosted the end of the course.

### **Name of the Activity: Grammar Class Batch- 2**

Duration: 30 Days (April & May 2022)

Class: All Faculty Students

No. of Students Participated: 43 Students

Time: 11:00am-12:00 Noon

Coordinator: Sudarshana Mahadik

Nature: Co-curricular activity

Description

The activity aimed at developing the grammatical skills of the students which will help them in various competitive examinations.

Printed material was provided to every participant.

Students voluntarily and actively participated in the activity.

Students' grammatical skills and knowledge have been boosted at the end of the course.

### **Name of the Activity: Session on Presentation Skills**

Date: 11th April 2022

Class: T.Y.B.A.

No. of Students Participated: 25 Students

Time: 10:00 am- 10:50am

Coordinator: Dr. Archana Pandit

Nature: Academic

Description: The activity aimed at developing the communication skills, presentation skills of the students.

Students presented their personal experiences in the classroom after the guidance session.

Students voluntarily and actively participated in the activity.

Students' confidence to present in front of the audience with good gestures and body movements was improved at the end of the session.

**Name of the Activity: Story Narration**

Date: 2<sup>nd</sup> May 2022

Class: S.Y.B.A.

No. of Students Participated: 25 Students

Time: 10:00 am- 10:50am

Coordinator: Dr. Archana Pandit

Nature: Academic

Description: The activity aimed at developing the communication skills, presentation skills, voice modulation, stress, accent, and body language of the students.

Students voluntarily and actively participated in the activity.

Students' confidence to participate and narrate stories was heightened at the end of the session.

**Name of the Activity: Peer Teaching**

Date: 4th May 2022

Class: T.Y.B.A.

No. of Students Participated: 22 Students

Time: 9:00 am- 9:50am

Coordinator: Dr. Archana Pandit

Nature: Academic

Description: The activity aimed at developing the communication skills, presentation skills, critical thinking, and teaching skills of the students.

Students voluntarily and actively participated in the activity.

Students' confidence to teach their friends was boosted at the end of the session.

Participating students happily learned the concept from their friend teacher.

**Name of the Activity: Open Book Test**

Date: 5th May 2022

Class: FY.B.A. & T.Y.B.A.

No. of Students Participated: 40 Students

Time: 10:00 am- 10:50am

Coordinator: Dr. Archana Pandit

Nature: Academic

Description: The activity aimed at developing the reading skills, skimming and scanning skills, and critical thinking skills of the students.

Students voluntarily and actively participated in the activity.

Students' confidence to find out the answers from the book and online sources within the stipulated time increased at the end of the session.

**Name of the Activity: Session on Introduction to Journalism**

Date: 6th May 2022

Class: F.Y.B.A.

No. of Students Participated: 25 Students

Time: 10:00 am- 10:50am

Coordinator: Dr. Archana Pandit

Nature: Co-Curricular Activity

Description: The activity aimed at creating awareness among the students about the nature and scope of the Journalism field. Senior journalist Shri. Mohan Shete sir guided the students.

Students voluntarily and actively participated in the activity.

Students' awareness of the field of journalism increased at the end of the session.

**Name of the Activity: Poetry Recitation**

Date: 9th May 2022

Class: F.Y.B.A.

No. of Students Participated: 35 Students

Time: 8.30 am- 9.10am

Coordinator: Dr. Archana Pandit

Nature: Academic

Description: The activity aimed at developing the communication skills, presentation skills, voice modulation, stress, accent, and body language of the students.

Students voluntarily and actively participated in the activity.

Students' confidence to participate and present poems orally were boosted at the end of the session.

## Name of the Activity: T.Y.B.A. Farewell Ceremony

Date: 6th August 2022

Class: T.Y.B.A.

No. of Students Participated: 25 Students

Time: 10:00 am- 10:50am

Coordinator: Dr. Neeta Bokil and Dr. Archana Pandit

Nature: Co-Curricular Activity

Description: The activity aimed at creating a healthy environment among the third-year students who are the ambassadors of the college.

Students voluntarily and actively participated in the activity.

Students were motivated and happy at the end of the session.

## Department of Geography

1) On 7<sup>th</sup> January 2022 department of Geography organized guest lecture of Dr. Sanjay Patil (Head Dept. of Geography Modern college Ganeshkhind) on "My experiences of travelling through motorbike during Leh and Ladakh and Kanyakumari through bicycle. More than 56 Students were present on online mode.

2) On 24<sup>th</sup> of April 2022 Department of Geography has been organized a visit to "P. L. Deshpande" (Okayama Garden) for there students of F.Y.B.A, S.Y.B.A & T.Y.B.A classes. Students received knowledge of Geographical, Historical, Environmental & Botanical aspects more than 30 students were present for the same.

## Department of Marathi

❧ मराठी विभागातर्फे शैक्षणिक वर्ष २०२१-२२ मध्ये विद्यार्थ्यांसाठी पुढील उपक्रमांचे आयोजन करण्यात आले:

❧ विद्यार्थ्यांना मराठी भाषेतील अभिजात आणि दुर्मिळ ग्रंथ बघता यावेत म्हणून दि. २१/१२/२०२२ रोजी महाराष्ट्र साहित्य परिषद, पुणे येथे विद्यार्थ्यांची अभ्यास भेट आयोजित करण्यात आली. या अभ्यास भेटीत ४८ विद्यार्थी सहभागी झाले.

❧ राष्ट्रीय युवा दिन आणि राजमाता जिजाऊ जयंती निमित्त दि. १२/०१/२०२२ रोजी श्री. विशाल कुंभार यांचे व्याख्यान आयोजित करण्यात आले. या उपक्रमात शिक्षक, शिक्षकेतर कर्मचारी आणि विद्यार्थी असे एकूण ८८ जण सहभागी झाले.

❧ विज्ञान दिनानिमित्त दि. २२/०१/२०२२ रोजी 'विज्ञान आणि मराठी' या विषयावर डॉ. पंडित विद्यासागर, माजी

कुलगुरु, स्वामी रामानंद तीर्थ मराठवाडा विद्यापीठ यांचे व्याख्यान आयोजित करण्यात आले. यामध्ये शिक्षक, शिक्षकेतर कर्मचारी आणि विद्यार्थी असे सुमारे सुमारे १५० जण सहभागी झाले.

❧ मराठी भाषा संवर्धन पंधरवडा २०२२ अंतर्गत महाराष्ट्र राज्य विश्वकोश निर्मिती मंडळ, महाराष्ट्र साहित्य परिषद, पुणे आणि मराठी विभाग यांच्या संयुक्त विद्यमाने 'अभिजात मराठीच्या निमित्ताने' या कार्यक्रमाचे दि. ०८/०२/२०२२ रोजी आयोजन करण्यात आले. यामध्ये शिक्षक, शिक्षकेतर कर्मचारी आणि विद्यार्थी असे एकूण ७० जण सहभागी झाले.

❧ मोडी लिपीच्या प्रचार आणि प्रसारासाठी दि. १८/०२/२०२२ रोजी 'मोडी लिपीची तोंड ओळख' या विषयावर श्री. महेश जोशी यांचे व्याख्यान आयोजित करण्यात आले. यामध्ये २८ विद्यार्थ्यांनी सहभाग नोंदविला.

## Microbiology Department (UG)

### I. Activities conducted:

1. In Sem I PPT presentations were made by T. Y. B. Sc. students in the subject Medical Microbiology.

2. Survey based projects on different topics from Medical Microbiology were completed by T.Y. B. Sc Microbiology students in Sem I.

3. Lectures on M. Sc. Entrance Guidance and future Microbiology career by Gaurav Gunjal and Suraj Joshi were organized throughout the year on every Sunday for the T.Y.B.Sc. Microbiology students.

**4. GCCC:** Green College Clean College competition was organized by Kirloskar Vasundhara foundation. A power point presentation with Video related to this concept was prepared by the TY and SY Microbiology students and submitted on 30th December 2021. Microbiology students presented the PPT on 8/01/2022. In this presentation students explained about all the activities conducted inside and outside of the college by our students related to environment. Our college fetched 1st prize in this competition.

**5. Ramnadi Restoration:** Ram River Ecosystem Restoration was carried out by our T.Y. B. Sc. Microbiology students with the help of floating water beds. The ecological floating waterbed is the excellent example of phytoremediation. Ecological floating bed is system of aquatic plants floating on water body with their roots suspended in water. Plants used for construction of beds has water purification qualities such as heavy metal absorption as well as rhizofiltration. Ecological Floating Bed (EFB) was designed by using aquatic plants, floating like mat on the surface of water. 'Ramnadi' is river in Pune District and is a tributary of Mula. It is highly polluted since couple of years. To revive the polluted stretch of Khatapewadi our Microbiology students implanted 4 floating water beds on 1st February 2022. Saplings of hydroponic plants Khus and Canna indica were used. It helped to increase the dissolved oxygen level and to decrease heavy metal concentration of river water. It also helped in the biodiversity enrichment of

Ramnadi ecosystem.

**6. Science Day celebration:** Guest lecture by Dr. Jyotsna Dixit on 'Impact of gravity on plants and bacteria'. PPT presentation competition for all college students was organised. Winners were declared for the PPT presentation competition.

**7. International women's Day celebration:** It was celebrated on 8th March 2022, Tuesday. This program was organized jointly by Higher education department, Maharashtra Government, Haribhai V. Desai College in association with Saraswat bank and Nirali Publication. Session on "Financial Investment" was conducted by Mr. Mandar Barve, Manager, Saraswat Bank, Pune – 2. He explained financial planning for future investment plans, Education loans, Medclaim policies and its importance for average salaried person. Mrs. Gugale, as representative of spouses of college professor, expressed her thoughts. Mr. Jignesh Furia from Nirali publication addressed the audience. In his speech he encouraged and motivated the new book authors to write books. He assured upcoming authors to make his platform available for publication. This was followed by felicitation of book authors by Jignesh Furia, The college staff members Dr. Ganesh Raut, Dr Anita Sathe, Dr. Rajashree Patwardhan, Dr. Neeta Bokil, Dr. Sonia Ambade, Dr Archana Pandit, Dr Gulab Gugale, Dr. Prakash Chhattise, Dr. Sunil Hande, Dr. Sagar Jagtap, Dr Shraddha Prasad, Ms Almas Sheikh, Dr. Rashmi Dhobale, Ms Monica Deshmane, Ms. Monali Patil, Ms. Shubhada Litke, Mr. Peeyush Pahade, Ms. Bhavika Raka were felicitated. Total 30 book authors were felicitated. Auditorium program was concluded, and health checkup camp was organized for the participants. A team of medical experts checked Blood pressure, Body mass index and Blood sugar.

**8. International Conference organized by the Department with Microbiology Alumni:** 'From the Past for the Present'

International conference with alumni,

“MICROBIOLOGY FROM THE PAST FOR THE PRESENT” was organized by Department of Microbiology from 7th -8th April 2022. More than 350 students from different colleges participated in this conference. Poster presentation competition was organized in this conference. Our alumni from different parts of world like USA, Switzerland and Norway delivered invited talks on various subjects in this conference.

### Details of Invited Talk

Sr. No	Speaker	Topic of lecture
1	Dr. Karishma Pardesi	ESKAPE pathogens and their resistance
2	Dr. Sridhar Javak	Satellite applications in life sciences
3	Dr. Girish Kulkarni	Biodigester Technology: Onsite treatment of human fecal matter
4	Dr. Akshay Joshi	Unleashing the hidden potential of anaerobic fungi
5	Dr. Rohini Gajoo	Communication lessons learnt from microbes to anaemia
6	Dr. Mayura Dange	A peek under the iceberg- Journey of an entrepreneur
7	Dr. Suraj Joshi	Career opportunities in Microbiology
8	Mr. Gaurav Gunjal	Preparations for the entrance examinations after graduation

### II. Honors/ Recognition/ Invitation as Resource person

1. Professor Rajashree Patwardhan received the best teacher State award from Microbiologist's Society India on 7th of December 2021. She also fetched Best teacher National award from Microbiologist's Society India on 16th December 2021.

2. Professor Patwardhan Rajashree has been awarded First Prize in Faculty category for poster presentation in Two Days International e-Conference on “Pioneering Research in Microbiology and Environmental Sciences” held on 7th and 8th September 2021. organized by Pune District Education Association's Annasaheb Magar Mahavidyalaya, Hadapsar, Pune-411028. In the same conference Dr. Rajashree Patwardhan was invited as a resource person to chair the invited talk session.

### III. Research activities by the department faculty members:

#### i. Books published:

a. Professor Rajashree Patwardhan and Professor Pragati Abhyankar jointly authored the T. Y. B. Sc. Textbooks published by Nirali Prakashan in the

academic year 2021-22. The books for the Semester V include Immunology- I (MB 352), Enzymology (MB 353), Genetics (MB 354), Fermentation Technology I (MB 355) and Agricultural Microbiology (MB356). The books for the Semester VI include Medical Microbiology II (MB 361), Immunology- II (MB 362), Metabolism (MB363), Molecular Biology (MB364), Fermentation Technology II (MB 365) and Food Microbiology (MB366).

b. Professor Rajashree Patwardhan, Professor Pragati Abhyankar and Dr. Sonia Ambade Jointly authored Medical Microbiology I (MB 351) and Medical Microbiology II (MB 361) textbooks published by Nirali Prakashan in the academic year 2021-22.

#### ii. Research papers published:

Many research papers in UGC care journals are published by Professor Rajashree Patwardhan, Professor Pragati Abhyankar and Dr. Sonia Ambade in the academic year 2021-22.

## Department of Microbiology (PG)

**Entrance Examination** for Admissions to M.Sc I Microbiology was conducted on 30 th August 2021. More than 100 Students appeared for the entrance examination. Students passed out from Savitribai Phule Pune University, Pune and also from other Universities like Mumbai University, Shivaji university appeared for the exam.

**Bridge course** for the M.Sc. I Microbiology students was scheduled from 12th October to 16th October 2022. Topics like Microbial taxonomy and Microbial metabolism were introduced to the new entrants. The sessions were taken on 12th October and 14 th October 2022 respectively. These topics were explained by Ms. Sudha M. Adya.

Two sessions of Biochemistry & Instrumentation and Career Opportunities in Microbiology were held on 13th and 16th October 2022 respectively. These sessions were conducted by Dr. Mukund Ambawade, PG coordinator Microbiology. These sessions helped the students to get a view of various career opportunities after completion of Post graduation.

**Inauguration of Student Unit MSI Microbiologist Society India 2021-22 and Poster Competition** was held on 29th December 2021. The chief guest for the programme was Dr. A. M. Deshmukh, President MSI Microbiologist Society India. The program was graced by Mr. Pratik Gholap, Self Finance Incharge, Dr. Sagar Jagtap, IQAC coordinator, Dr. Rajashree Patwardhan Vice Principal and HOD Microbiology and Dr. Mukund Ambawade, PG coordinator Microbiology. The program coordinator Dr. Suchitra Patil, Assistant Professor along with the students and faculty members organised the whole event with lot of enthusiasum. Eight teams participated in the poster competition. The event was judged by Mr. Pratik Gholap and Dr. Rajashree Patwardhan. The program helped the students to showcase their innovative ideas.

Students from M.Sc. I and II Microbiology participated in the Traditional Food festival

organised by Department of Environment Science on 30th December 2022 and secured prizes.

**Meme competition** (Matdar Jagruti Saptah) was organised at college level on 18th January 2021. The program was coordinated by Dr. Mukund Ambawade, PG coordinator Microbiology and Mrs. Deepali Dalvi. Mr. Shubham Patel, M.Sc. I Microbiology student won prize in the competition.

M.Sc. Microbiology Sem I and Sem II Theory practical Internal Examinations were conducted using online mode (Microsoft teams) from 19th Jan to 24th Jan 2022.

Students attended the Online programme on Rashtriya Matadan Din on 25th January 2022 at 11.00 am which was organised at College level. Skill development I exam was conducted on 3rd February 2022 for M.Sc. II followed by Cyber Sec, Human rights, Intd to constitution on 6th February 2022.

M.Sc. I and M.Sc. II Practical viva exam for Core and Elective courses was conducted from 16th to 18th February 2022.

Students appeared for SPPU external exam from 21st February 2022.

Students attended the lecture on 'Impact on Gravity on Plants and bacteria 'by Dr. Jyotsana Dixit on event of **National Science day** via google meet on 28th February 2022.

Second Term commenced from March 2022.

Students enthusiastically attended the online conference '**International Conference with Alumni 'Microbiology: From the Past for the Present'** on 7th and 8 th April 2022 organised by Department of Microbiology.

The speakers of the conference were the alumni of the Microbiology Department.

M.Sc. Microbiology Sem II and Sem IV Theory practical Internal Examinations were conducted 27th to 3rd May 2022.

Examination of Cyber Sec, Human rights were conducted on 4th and 5th May 2022.

A Visit was conducted to **Bharat Itihas Sanshodhak Mandal**, Pune on 9th May 2022. Students and staff were guided by Dr. Ganesh Raut, Principal, Haribhai V. Desai College. The students visited the museum and were amazed by observing the various historical documents. They were fascinated to learn about the history and culture of India.

Skill development II exam was conducted on 12th May 2022 for M.Sc. II

M.Sc. I Practical external exam for Core and Elective courses was conducted from 20th to 25th May 2022.

M.Sc. II Practical external exam for Core and Elective courses and Dissertation was conducted from 27th to 31st May 2022.

**Traditional day and Farewell** was organised on 4th June by the students of M.Sc. I and II.

The students shared their thoughts, their views and experiences. The hall was filled with cheer and joy. Some students showcased their talent of dance and music. The program was graced by the Vice Principal, Commerce Dr. Vidya Tikute, Mr. Dyanesh Rathod, Coordinator, Dept of Environment Science and faculty of Dept of Environment Science. Dr. Mukund Ambawade, PG coordinator Microbiology, Ms. Sudha Adya, Dr. Suchitra Patil and Mrs. Richa Raut.

Students appeared for SPPU external exam from 11th July 2022.



Inauguration of Poster Competition 2021-22 by Dr. A. M. Deshmukh



Inauguration of MSI student Unit 2021-22



Interaction with the students



Interaction with the students



Winner Team

## Department of Chemistry (UG)

### Teaching Staff:

#### a) Grantable staff

Sr. No.	Name	Qualification	Specialization	Designation
1.	<b>Dr. Gugale G. S.</b>	M.Sc., M. Phil, Ph.D, SET	Inorganic Chemistry	Head & Professor
2.	<b>Dr. Chhattise P. K.</b>	M. Sc. Ph.D, SET	Organic Chemistry	Professor
3.	<b>Dr. Hande S. M.</b>	M.Sc. Ph. D	Physical Chemistry	Assistant Professor

#### b) Non-Grantable Staff:

Sr. No.	Name	Qualification	Specialization	Designation
1.	<b>Shital Todkar</b>	M.Sc., SET	Organic Chemistry	Assistant Professor
2.	<b>Dr. Urmila Tambewagh</b>	M. Sc. Ph.D,	Inorganic Chemistry	Assistant Professor
3.	<b>Ashwini Mate</b>	M.Sc. Ph. D	Organic Chemistry	Assistant Professor

#### c) Non-teaching Staff:

Sr. No.	Name	Qualification	Designation
1.	<b>Mr. Trivedi Harsh</b>	B.Com.	Lab. Assistant
2.	<b>Mr. Chive Vijaykumar</b>	S.S.C.	Lab. Attendant
3.	<b>Mr. Udare Vijay</b>	S.S.C.	Lab. Attendant

**Following activities were conducted by Chemistry Department in the Academic year 2021-22:**

#### 1. Industrial Visit:

Educational Tour and Industrial Visit to Organic Chemicals, Lote Parshuram, Konkan was organized for T.Y.B.Sc. students. This Tour was conducted during 06th – 07th May 2022. Students have received the chance to see various nearby industries and M.I.D.C. area.

23 students of T.Y.B.Sc. (Chemistry) with Dr. G.S. Gugale, Dr. P.K. Chhattise, and Shital Todkar were present in the visit.

#### 2. National Service Scheme:

Active participation in N.S.S. activities. We are participating in various activities of N.S.S.

#### 3. Conferences/workshop/Seminars:

Departmental staff have participated in National and International conference and presented their research Papers.

National (Dr. Gugale G.S. also worked as session Chairman in 40th Annual Conference of Indian Council of Chemists.

#### 4. Teacher's day Programme by T.Y.B.Sc.:

Students of T.Y. and other classes have organized Teacher's day programme on 05th September 2022. The staff were felicitated by the students.

5. Dr. G.S.Gugale and Dr. P. K. Chhattise have become (promoted as) Professor become September 2021.

6. Prof. G.S. Gugale and Dr. S.M. Hande acted as evaluator for Science Talent examination taken by Balvaidnyanik Competition 2021-22, Mumbai .

7. Staff of the Department have various activities such as Paper setters, Examiners for theory and practical examinations.

1. Presentation of Research paper titled "Investigation on Solid state pyrolytic ..... of Co(II), Ni(II) and Zn(II) with Manganese in Global conference on "In sustainable materials (GC-RASM 2021). – July 2021
2. He was SET Observer in Mumbai University on 25-26th September 2021.
3. Worked in Ph.D. selection committee of SPPU in

Annasaheb Awate College, Manchar, Fergusson College, Pune

4. Worked on Research Adviosry Committee in B.G. College, Sangavi, Pune.
5. Worked as Chairman of T.Y.B.Sc. paper setting.
6. Subject expert of Chemistry in Modern College, Shivajinagar, Pune, T.C. Divekar College Varvand.
7. Committee member of L.I.C. committee for recognition of Ph.D centre in Cidco College, Nashik, Poona College, Pune, Annasaheb Magar College, Hadapsar, Pune, A. T. College, Bhor etc.
8. Member of CAS Committee for K.M.C. College Khopoli.
9. Acted as evaluator for Science Talent examination taken by Balvaidnyanik Competition 2021-22, Mumbai.

## Department of Chemistry (PG)

### Introduction to Department

The Department of Chemistry was established in 1993. It offers programs leading M.Sc. (Analytical Chemistry) degrees. From current academic year (2022-2023) department started M.Sc. Organic Chemistry. The students pursuing these course would have to develop in depth understanding of various aspects of chemistry and to create better opportunities in pharmaceutical and chemical industries. Savitribai Phule Pune University (BCUD & ASPIRE) and University Grants Commission (UGC) Grants are received for major/ minor research projects. Department of Chemistry is well known in the college for its teaching and research activity. Department of chemistry adapts new teaching methods with educational CD's and power point presentations internet facility. Also, department student enrichment programs with special

lectures/ workshops/ seminars with eminent academicians and experts. Students carry out research work for projects, write review articles and give seminars online/offline on recent topics in chemistry and basic sciences. Based on student interest towards research and the availability of high end instruments in the department (UV-Vis, FTIR, GC and HPLC) PG students select project topic. This project work explores their knowledge and gives opportunities to interact with outside world in various national and international conferences and workshops. The credit system to be implemented through this curriculum would allow students to develop a strong footing in the fundamentals and specialize in the disciplines of his/her liking abilities.

Sr. No.	Name	Designation	Qualification
1	<b>Dr. Vikram U. Pandit</b>	Assistant Professor & PG Co-ordinator	M. Sc. Organic, PhD, CSIR-NET, UGC-NET, GATE
2	<b>Prof. Bhagwan D. Daphal</b>	Assistant Professor	M. Sc. Physical, MH-SET
3	<b>Prof. Omkar A. Malusare</b>	Assistant Professor	M. Sc. Analytical
4	<b>Prof. Ganesh P. Jadhav</b>	Assistant Professor	M. Sc. Analytical

### Students Achievements

- From last Four Years M. Sc. II Analytical Chemistry Department maintained '100% Result'.
- Dr. Vikram U. Pandit got Best Teacher Award from The Poona Gujarati Kelwani Mandal and Lions Club Pune.
- Departmental students Bhavisha, Akshada, Daidipya, Prathmesh, Pratiksha, Shivani & Saurabh got selected in 'Avishkar' research poster competition organized by SPP University.
- Department has organized a one-month instrumentation Hands on training course.
- Mr. Ganesh and Mr. Omkar got first prize in lecture competition held at Abasaheb Garware College, Pune.
- From current academic year (2022-2023) department started M.Sc. Organic Chemistry.
- Departmental students presented available instruments to SP college students.
- Department organized intercollegiate interviews via campus interviews.
- Students published research papers in international journals and book chapters.
- Many instrumental workshops were organized for the PG departments of the college.
- Mr. Samadhan Pawar, Mr. Anay Patil and Dr. Vikram Pandit attended a 'Summer Research

Training Programme' organized by CSIR-Joharat, Assam.

- Industrial visit organized by department for students at 'Schimatzu' lab limited-Mumbai and 'C-MET' Pune a National Research Institute with all teachers.
- Students attended an 'International workshop on water purification, Prathmesh, Pratiksha, Shivani and Saurabh at CMET Pune.
- Miss. Shivani Suryawanshi M. Sc. part- II student, 'published a Research paper' on PG research project in International peer reviewed Journal, 'Journal of Materials Research'.
- Every year department organizes workshop on 'Handling of high end instruments UV, FTIR, GC and HPLC'. Over 200 students from all over the Maharashtra were participated.
- Departmental teachers participated in 'Teachers training programme on Instrumentation' organized by RKM College Akurdi, Pune.
- Teachers actively participated in formation of 'Online study materials' developed and posted on Savitribai Phule Pune University Website.
- Department teachers actively participated and recorded many video lectures for chemistry subject in 'Learning Management Services,' (LMS) video lecture series organized by SPPU.

### Placement and Alumni Testimonial



**Mr. Mayur Pawar**

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**Mr. Akshay Mahajan**

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## Department of Physics (UG)

### Dr. Sagar Jagtap

#### List of Research Publications

1. Jyotsana Dixit, Sagar Jagtap\*, Pandit Vidyasagar Short Term Hypergravity Induced Changes in Growth, Photosynthetic Parameters and Assessment of Threshold Values in Wheat (*Triticum aestivum* L.)" Gravitational and Space Research. Volume 10, Issue 1 (January 2022)
2. Thombre RS, Kaur K, Jagtap SS, Dixit J, Vaishampayan PV Chapter 8: Microbial life in space Eds: Thombre RS, Vaishampayan PV Journal New Frontiers in Astrobiology Publisher Elsevier, March 2022

#### List of Conferences attended

1. Participated in the Two Day Online National Level Workshop on "Transformation through NAAC Accreditation Process for Higher Educational Institutions & Health Science Institutions" held on 20th & 21st June, 2022 conducted by "Institute for Academic Excellence, Hyderabad" in collaboration with "Collegiate Education & Technical Education Department, Telangana State"
2. Attended Academic Research Coordinators workshop held on 21st July, 2022 at Tikaram Jagannath Arts, Commerce and Science College, Khadki, Pune

#### Administrative Responsibilities :

1. Coordinator, Internal Quality Assurance Cell (IQAC),
2. Head, Department of Physics
3. Academic Research Coordinator (ARC)

#### Student related co-curricular, extension and field based activities:

1. Coordinated Bridge course for F.Y.B.Sc Physics students 2nd – 9th November, 2021. Total 55 students were present.
2. Counselling on career opportunities after graduation and post-graduation in physics

3. Resource person in Scientific Skill Development Program conducted for B.Sc students from 6th June – 15th June, 2022. Topic: Spectroscopy in Medicine and Biology

#### PhD students (ongoing):

Registered three students for Ph.D in Physics in the year 2021-22

1. Komal Raju Shinde
2. Suraj Prakash Mirgal
3. rach Sanjay Shinde

#### Examination and evaluation duties.

1. Junior supervisor
2. Internal examiner for practical
3. External examiner for practical
4. Paper setting
5. Paper assessment (UG & PG)

#### Mrs. A. Z. Shaikh:

1. Mrs.A.Z.Shaikh, Centre incharge, NGPE-2022 centre-G4177-Haribhai V. Desai College, Pune NGPE co-ordinated National Level Graduate Physics Examination organized by Indian Association of Physics Teachers (IAPT) at H.V.Desai College Centre. 08 students have participated in this examination held on 27/03/2022.

#### Merit Certificate is received to Centre Topper:

#### Mr. Sudarshan Kelgane

T.Y.B.Sc.

2. Mrs.A.Z.Shaikh delivered lectures on "Physics sessions" (31/10/2021 and 14/11/2021) for understanding concepts and problem solving skills to junior college Science students (Senior Lila fellows) of Lila Poonawala foundation, Pune

- **Dr. Sagar S. Jagtap**  
 Head, Department of Physics

## Department of Physics (PG)

### Introduction:

The M.Sc. Physics course is started from June 2012. There is one two specialization, Energy Studies. Department has expertise in these fields with high end equipments and qualified and expert teaching staff. Department has industrial as well as academic institute linkages for the specialized subjects.

### Eligibility:

The candidate should have minimum first class at B.Sc. degree with Physics as principal subject.

### Admission Procedure:

Admissions will be given as per the selection procedure / policies adopted by the college, in accordance with conditions laid down by the Savitribai Phule Pune University, Pune.

Reservation and relaxation will be as per the government rules.

### Structure of Course: M.Sc. (Physics)

#### Structure of Course:

#### Structure of M.Sc. Physics (Choice Based Credit System) (Revised) Programme to be implemented from Academic Year 2020-21

#### Semester I

Course Number	Course Name	Credits
PHCT-111	Mathematical Methods in Physics	(4 Credits)
PHCT-112	Classical Mechanics	(4 Credits)
PHCT-113	Electronics	(4Credits)
PHOT-114	Lasers and Applications	(4 Credits)
PHCP-115	Physics Lab-I	(4 Credits)

#### Semester II

Course Number	Course Name	Credits
PHCT-121	Electrodynamics	(4 Credits)
PHCT-122	Atoms and Molecules	(4 Credits)
PHCT-123	Quantum Mechanics	(4 Credits)
PHOT-124	Physics of Thin Films	(4Credits)
PHCP-125	Physics Lab II	(4Credits)

#### Semester III

Course Number	Course Name	Credits
PHCT-231	Statistical Mechanics	(4 Credits)
PHCT-232	Solid State Physics	(4 Credits)
PHCT-233	Experimental Techniques in Physics-I	(4 Credits)
PHOT-234	Special-I(Energy studies-I)	(2 Credits)
PHOP-234	Special Lab I	(2 Credits)
PHCP-235	Physics Laboratory - III	(4 Credits)

## Semester IV

Course Number	Course Name	Credits
PHCT-241	Nuclear Physics	(4 Credits)
PHCT-242	Experimental Techniques in Physics-II	(4 Credits)
PHOT-243	Physics of Semiconductor Devices	(4 Credits)
PHOT-244	Special-II(Energy studies-II)	(2 Credits)
PHOP-244	Special Lab II	(2 Credits)
PHCP-245	Project	(4 Credits)

### Examination Pattern for M.Sc. Physics:

#### • Evaluation of Students as per Programme to be implemented from Academic Year 2020-21:

Assessment shall consist of In semester continuous assessment and End-semester assessment. continuous assessment (Internal) shall have 30% weightage and End-semester assessment shall have 70 % marks each. Student has to obtain 40% marks in the combined examination of In-Semester and End-Semester assessment with minimum passing of 30% passing in both assessments separately. A student cannot register for third semester if she/he fails to complete the 50% credits of the total expected within two semesters. Internal marks will not change. Student cannot repeat internal assessment. If student misses internal assessment examination, she/he will have second chance with the permission of the concerned teacher. But it will not be right of the student. It will be the discretion of the concerned teacher and internal departmental assessment committee. In case she/he wants to repeat Internal, she/he can do so only by registering for the said courses during 3rd/4th semester whichever is applicable. There shall be revaluation of answer script of end semester examination, but not of internal assessment papers. Internal assessment answer scripts may be shown to the concerned student but not end semester answer script.

#### • In-semester Examination:

Internal assessment for each course would be continuous and dates for each tutorials/practical tests will be pre-notified in the time table for

teaching or placed separately as a part of time table. Department / College Internal Assessment Committee will coordinate this activity

#### • Theory Courses:

Conducting written tests should not be encouraged. More focus should be on non-written tests. Students should be encouraged to conduct various academic activities. A teacher must select a variety of the procedures for internal assessment suggested as follows. Mid-term test, On-line test, Computer based examination, Open book test (concerned teacher will decide the allowed books), Tutorial, Surprise test, Oral, Assignments, Review of research paper, Seminar presentation, Journal / Lecture / Library notes Student has to preserve the documentation of the internal assessment except midterm test answer script. It is the responsibility of the student to preserve the documents.

#### • Practical Courses:

It is a continuous evaluation process. Practical courses will be evaluated on the basis of the following

1. Performance assessment of each experiment on the basis of attendance, punctuality, journal completion, practical skills, results, oral and analysis.
2. Test on practical may be conducted before the end-semester examination.
3. Assessment of each experiment shall be done for each practical weekly. The student strength of practical batch should be eight. Note that one practical session is of 3 hour duration of one practical batch.

#### • Project Course:

Project will be evaluated by In-Charge of project batch in concern with project guide. Assessment will be done weekly in the respective batch. Evaluation will be on the basis of weekly progress of project work, progress report, referencing, oral, results and documentation.

**• Additional Compulsory Courses:**

M.Sc. I year students have compulsory subjects such as Cyber Security I and Human Rights I for semester I and Cyber Security II and Human Rights II for semester II. There will be an Exam of 25 marks for each subject in respective semester.

M.Sc. II year students have compulsory subjects Cyber Security III and IV for III and IV semester respectively. There will be an Exam of 25 marks for each subject in respective semester. Skill development I and II for III and IV semester respectively. There will be an Exam of 50 marks for each subject in respective semester. Introduction to constitution for III semester and there will be exam of 50 marks.

**• End-Semester Examination:**

Continuous assessment (Internal) shall have 30% weightage and End-semester assessment shall have 70 % marks each as per Exam pattern per course. Paper setting and assessment for a particular course would be the responsibility of the course In-charge, and these activities would be coordinated by the Department Examination Committee. The Department Examination committee would undertake preparation of the result-sheets for the student

**• Standard of Passing**

Student has to obtain 40% marks in the combined examination of In-Semester and End- Semester assessment with minimum passing of 30% passing in both assessments separately.

**• ATKT Rules**

A student cannot register for third semester if s/he fails to complete the 50% credits of the total credits expected to be ordinarily completed within two semesters.

**Teaching Methodology:**

- Regular teaching with Chalk & Board
- Power point presentations

- Tutorials and problem solving sessions
- Project work
- Practical Demonstration & field work
- Seminars and Group discussion
- Research projects

**Infrastructure:**

The Department of Physics has two separate laboratories for M.Sc. Physics course, one for Basic Physics Lab and another for Computer programming and research. Basic Physics lab is well equipped with various practical set ups required for M.Sc. part-I and Part-II (list is given below). Computer lab contains ten computers with all necessary software's along with internet facility.

**Teaching Faculty:**

Teaching Faculty of P.G. section is highly qualified and Research oriented. The entire faculty are well motivated and capable for providing the academic inputs. All the faculty are involved in active Research and presenting their work in National and International Levels.

Like the last year the research activity of the faculty of the department was very impressive. Faculties published papers in international journal. They also presented their research work in national and international conferences.

**Placement cell:**

The goal of the department is to make student population regionally, nationally, internationally component in their future careers. We give guidance and career counselling to students for their bright future. We organise many orientation programs through multiple formats in workshops, guest lectures and seminars where students are able to build up quality needed for their career. Lectures are delivered by many resource persons such as academicians, scientists, industrialist to guide students and also interact with them.

Students have career opportunities in various fields such as academic institutions, research institutes, industries, IT companies etc. Students are motivated to participate and present their research work in state, national and international conferences to create an interest in research field. It

helps students to work in research institutes in future as well as to initiate their career in research. Alumni of the department play an important role for guiding and providing placement to our students.

### Research Centre:

Department of Physics is recognized as research centre for Ph.D. by the Savitribai Phule Pune University.

### Research Facilities:

- 8kWatt Solar Photovoltaic system.
- Gamma Ray Spectrometer.
- Microgravity Simulation Technique.
- Ultrasonic Spray Pyrolysis.
- FTIR Spectrometer (Central facility).
- UV-Vis Spectrophotometer.
- Four Probe apparatus.
- Hall Measurement facility.
- G. M. Counter.
- Electron Spin Resonance (ESR).
- Michelson Interferometer.
- Millikan Oil Drop apparatus.
- Solar Dryer.
- Solar Distilled water.
- Solar Heater.
- Parabolic type solar cooker
- Anemometer

### Collaborations:

- Department of Physics, Savitribai Phule Pune University, Pune.
- CSIR-National chemical laboratory(NCL), Dr. Homi Bhaba Road, Pune 411008, India
- School of Energy Studies, Department of Physics, Savitribai Phule Pune University, Pune.
- Centre for Materials for Electronic Technologies, CMET, Pashan, Pune,
- Defence Institute of Advanced Technology, DIAT, Pune.
- Indian Institute of Tropical Meteorology, IITM, Pune.

- India Meteorological Department, IMD, Pune.
- Biophysics Laboratory, Department of Physics, SPPU, Pune.
- Department of Radiation Oncology, Command Hospital, Pune.

### Activities:

- Organization of Academic and Industrial expert lectures.
- Institutional and Industrial Visits.
- Participation of students in various Inter College, Competitions, Seminars, Conferences, Workshops etc...
- Career Guidance for the placement of students.

Participation in National and International Conferences

Students of M.Sc. Part II have participated in national and international conferences. In these conferences, faculty members of different academic institutions of India, scientists from research institutes and students participated together and discussed about various aspects of the research.

### Students Achievements

- Best Poster and Oral presentation awards in various national and international conferences.
- Participation in Avishkar project competition
- Completed projects at renowned research institutes such as DIAT, SPPU, CMET etc.
- More than 10 research papers published in various National & International Journals and Proceedings of National and International Conferences by PG students.

### Activity Report:2021-2022

There are different academic activities carried out throughout the academic year 2021-2022. Out of which three were guest lectures on different areas of basic Physics. The list of activities is given below:

- Guest Lecture
- Skill Development
- Introduction to Cyber Security, Human Rights and Introduction to constitution

### **Activity1: Four days Bridge Course Program using an online platform**

**Date: 11 /10/2021 to 14/10/2021**

The department has understood that students from various universities and rural sections find it difficult to cope with the university syllabus. So in these 6 hours, important topics and basic concepts were revised to prepare the students for the SPPU syllabus.

It was a 6 hour program to fulfil the core education requirements before moving a step ahead towards a new level of higher education. This activity was coordinated by Dr. Kiran D. Diwate

### **Activity2: Organizes Online Lecture Series for UG and PG students**

**Lecture1: Topic Name: "Wind Energy: Abundant source of Renewable Energy"**

Eminent Speaker: Dr. Manish D. Shinde, Scientist, Centre for Materials for Electronics Technology (C-MET), Pashan Road, Pune, 411008

**Date: 15/01/2022**

### **Lecture2: Topic Name: "ISRO & Space sciences"**

Eminent Speaker : Shri Satish Rao sir, Sr Scientist, SAC ISRO, Ahmedabad

**Date: 19/01/2022**

### **Lecture3: Topic Name: "Present Status and Future Scope of Solar Energy and Career Opportunities after MSc (Physics)."**

**Eminent Speaker :**

Eminent Speaker: Dr. Manish D. Shinde, Scientist, Centre for Materials for Electronics Technology (C-MET), Pashan Road, Pune, 411008

**Date: 29/01/2022**

This activity was coordinated by Dr. Kiran D. Diwate

**- Dr. Kiran Dasharath Diwate**  
Coordinator, M.Sc. Physics

## **Department of Environmental Science (PG)**

The Department of Environmental Science offers Post Graduate course in Environmental Science. The department follows Credit and semester system and adheres to SPPU syllabus. There is scope for active research and skill development as a part of syllabus. The Department faculty strives for student development and provides guidance from time to time. Our student Ms. Chakshudnya Vikas Rathod has been Awarded "Late Smt. Hirabai Balasaheb Sawant-Patil Gold Medal" at the M. Sc. Environmental Science Examination held in April/May 202, conducted by Savitribai Phule Pune University, Pune.

Field based study and study tour is an integral part of M.Sc. Environmental Science. The students

undertake short and long study tours to visit place of environmental significance, industries and educational institutes working in the same field. Department organizes various competitions and exhibitions of Photography, documentary, model building, best from waste, Debate, Essay writing, Poster and Eco- Rangoli. The department has active participation in organizing Environmental Impact Awareness studies, Biodiversity Assessment studies, Environmental Day celebrations, Tree plantation and Nurturing, Environmental Awareness Program, Bird Watching and Wildlife studies. The following activities were carried out in the academic year 2021-22 in the Department of Environmental Science.

Bird watching Trek and Visit to Butterfly Park: The students from Department of Environmental Science in association with Sanjivini Seva Trust and Kali Brigade conducted Bird Watching Trek and Visit to Butterfly Park for School students in Joida, Karnataka to celebrate the Children's Day on 14th November 2021, from 9 am to 4 pm. The purpose of this activity was to generate Awareness and Responsibility towards Nature and understand its significance. (Photo: Figure 1)

The Students of Environmental Science department participated in Mega E-Waste and Plastic Waste Awareness Collection Drive organized by Pune Municipal Cooperation in association with Cummins Group India, held on 19th December 2021. (Photo: Figure 2)

Indian Traditional Food Festival was celebrated on 30th December 2021 from 11 am to 4 pm for generating awareness for traditional food items and nutritional value. Students from all Departments of the college participated in the festival. The program was organized by Department of Environmental Science and coordinated by Mr. Dnyanesh Rathod. The purpose for conducting this festival was to promote our native crop diversity and its nutritious and delicious local cuisine. Total 26 different food recipes were presented by more than 40 students from different departments. (Photo: Figure 3)

Online Teaching Session on Global Mapper GIS Software, was conducted by Schendel Limited on 11th January 2022 for M.Sc. Environmental science students from 11am to 1pm. The session was conducted for capacity building and skill enhancement of students and was coordinated by Mrs. Amruta Chavan. The students were trained in software installation and its application in Environmental Resource Management.

Department of Environmental Science and Department of Microbiology had organized the activity of "Floating Bed" in collaboration with Kirloskar Vasundhara under the Ramnadi Restoration Program on Wednesday i.e. 01/02/2022 along with our college students, faculty members and Kirloskar Vasundhara team from 9:00 AM to

4:00 PM. The program received participation of M.Sc. and B.Sc. students and was coordinated by Mr. Dnyanesh Rathod. (Photo: Figure 4)

Department of Environmental Science has conducted Tree census program for Karjat Municipal Council Dist. Ahmednagar (MH) under "Majhi Vasundhara Abhiyan" a program initiated by Maharashtra Government. This census was conducted from 9th – 19th March 2022 and total 56,981 tree were recorded along with their age, height and were geo tagged. This program was coordinated by Mr. Dnyanesh S. Rathod, in collaboration with the Karjat Municipal Council, Ahmednagar. M.Sc. students participated as a team leader in this program and carried out the tree census along with B.Sc., Botany students of Dada Patil College of Karjat. As a token of appreciation and honorarium the Haribhai V. Desai College received instruments such as GPS, Digital Measuring tool and measuring tapes worth 1,15,439/- from Karjat Municipal Council, Ahmednagar. (Photo: Figure 5)

Vertical Greenery Project was initiated by planting native saplings and creepers on College terrace. This activity was conducted by the M.Sc. students under the guidance of Mr. Dnyanesh Rathod on 13th May 2022. The purpose of the activity was to contribute in Nation's goal to reduce carbon emission and reduce temperature. (Photo: Figure 6)

World Environment Day Celebration was done on 5th June 2022 at Rajiv Gandhi Zoological Park, Katraj. M. Sc. Environmental Science students along with B. Sc Botany students participated in this event. Tree plantation program was conducted in Katraj Zoo along with cleanliness drive and Social survey to assess the People perception. (Photo: Figure 7)

Distribution of Eco Friendly Cloth Bag was carried out on 23rd June 2022 for Warkaris to reduce plastic pollution during the Wari Period . (Photo: Figure 8)



**Fig 1:** Children's Day Celebration by conducting Bird Watching Trek and Visit to Butterfly Park Activity in Joida, Karnataka



**Fig 2:** Mega E-Waste and Plastic Waste Awareness Collection Drive



**Fig 3:** "Indian Traditional Food Festival" celebration in Haribhai V. Desai College campus.



**Fig 4:** Floating Bed activity conducted in collaboration with Kirloskar Vasundhara under the Ramnadi Restoration Program, at Khatpewadi Lake, Bhukum, Mulshi.



**Fig 5:** Tree census program conducted for Karjat Municipal Council Dist. Ahmednagar (MH) under "Majhi Vasundhara Abhiyan"



**Fig 6:** Vertical greenery activity conducted on Haribhai V. Desai College building terrace



**Fig 7:** World Environment Day celebration by organizing cleanliness & plantation drive in Rajiv Gandhi Zoological Park & Wildlife Research Center, Katraj



**Fig 8:** Vertical greenery activity conducted on Haribhai V. Desai College building terrace

## Department of Plant Science (Botany /Phytology)

The no. of students admitted for first year Botany were 90 and for the second year 80. Both staff members delivered lectures to first year students participated in a bridge course which was conducted on 11th Feb. to 16th Feb. 2022. Surprise and open book tests for both the classes were also conducted.

A guest lecture by online mode was organised on 30th December on 'Study techniques in Botany and Preparation for the examination. Dr. Sayyed Illiyas, Associate Professor, Poona College Pune has provided valuable guidance to both first- and second-year Botany students. The no. of beneficiaries were 120.

A quiz competition was organised for Second year B.Sc. Botany students on 4th May 2022. The no. of students participated in the activity were 30. The quiz competition was organised during regular lecture timings. For the actual participation, as team members the attendance performance of the students of April 2022 was considered. The no. of students took part in actual competition were 08. Eight students were divided into 4 teams of 2 each. Team A was named as Aristotle, B team as Bentham and Hooker, C team as Carlous Linnaeus, and team D as Darwin. The members of team A (Aristotle) were Bhosale Ankanksha and Mali Dalpat, members of team B (Bentham and Hooker) were Vaidya Smita and Gade Rutik, the members of team C (Carlous Linnaeus) were Kumkar Sakshi, and Shelke Kritu and of team D (Darwin) were Rathod Kinjal and Boinwad Harshad.

At the end of the Competition, Team D scored maximum points, while runner up team was team A. All the students took active part in the activity as the questions were also asked to audience. All students were happy at the end of the competition. Participation certificates were offered to the students.

A quiz competition was also organised for First year

B.Sc. Botany students on 9th May 2022. The no. of students participated in the activity were 60. The quiz competition was organised during regular lecture timings. For the actual participation as team members, the performance of the students of the internal examination in Botany was considered. The no. of students took part in actual competition were 10. Ten students were grouped into 5 teams of 2 each. Team A was named as 'Algae', B as 'Bryophyta', team C as 'Fungi', team D as 'Pteridophyta' and team E as 'Spermatophyta'.

The students eligible for the competition were Ranjeet, Shambhavi, Shravani, Sushrut, Palak, Binu, Disha, Shivtej, Karthika, and Vaishnavi. At the end of the Competition, Team B and team E shared the first rank as both team scored equal points. Team C occupied second position. All students (audience) took active part in the activity. Certificates of Participation were given to the students. The staff members Pramod Shelar Sir and Priyanka Bansode Madam assisted in the conduction of the quiz.

On the occasion of voter's awareness week, an online competition was organized for all the students of science faculty (U.G.). On 13th Jan. 2022 a notice was uploaded on the concerned what's app groups suggesting that the students who wish to take part in the online poster competition on the theme 'Making Elections Inclusive, Accessible and Participative' should take part. Google form was made available to the students on what's app groups for registration purpose. Almost 150 students registered on it. The last date for the registration was 17th Jan. 2022. The last date to upload the posters on mail id hvdcbotany@gmail.com was 22nd Jan. 2022.

Mr. Santosh Khajindar, Librarian and Mr. K.K. Bagdane worked as Judges. An online Program was conducted on 25th Jan. 2022 by Dr. Neeta Bokil on Zoom platform. Authorities belonging to Pune Municipal Corporation were present for the

function. Authorities spoke about the need of the students (age above 18 years) participation in the voting. The names of winners were announced in the program. The class-wise winners list was displayed on the college what's app group on 24th Jan. 2022. Principal Dr. G.D. Raut extended kind support and cooperation to conduct the activity. Mr. K.K. Bagdane worked as a coordinator for the online Poster Presentation Competition.

Mr. K.K. Bagdane has published Research Paper entitled- 'An assessment of floristic composition of Purandar tehsil with special reference to threatened plant species and establishing the guidelines for conservation' in an International Journal of Botany Studies, Vol. 6 (5) 2021 P 928-931. He gave Oral Presentation on 'Threatened Plant Species of Purandar Tehsil', Dist. Pune M.S., India in 31st Indian Association for Angiosperm Taxonomy (IAAT) Annual Conference and International Conference on 'Documentation, Bioprospecting and Conservation of Biodiversity for Sustainable Diversity' organised by D.Y. Patil Unitech Society's Dr. D.Y. Patil Arts, Commerce and Science College Akurdi, Pune 411044 at Village Shendi, Bhandardara, Akole Dist. Ahmednagar on 5th to 7th April 2022.

He has presented a Paper on 'Documentation of Flowering Plant Diversity of Purandar tehsil, Dist. Pune, Maharashtra, India' in Two days online

International Conference on 'Recent Trends in Basic and Applied Science' (ICRTBAS-2022) held on 13th and 14th May 2022 organised by Rayat Shikshan Sanstha's R.B. Narayanrao Borawake College, Srirampur, Dist.-Ahmednagar-413709 (MS) India.

Mr. K.K. Bagdane has contributed as an author to write a Text book in Botany for T.Y.B.Sc. class entitled as Cryptogamic Botany (Algae and Fungi) published by Success Publication.

Mr. P.V.Shelar has delivered an expert lecture in Soft Skill Development Program organised by the Science faculty.

Both staff members have provided study material to the first and second year Botany students, prepared Practical handbooks, worked as Paper setter, Examiner and also contributed in the NAAC documentation as a Criterion Head and IQAC member respectively.

Botany Laboratory attendant Mr. Rohidas Nalawade has maintained the terrace Botanical Garden consisting more than 300 potted plants useful for practicals and for College beautification purpose.

**Mr. Kailas K. Bagdane**

Head, Dept. of Botany

## Department of Mathematics

### 1. 'Online Mathematics quiz' :

Department of Mathematics has organized an 'online Mathematics quiz' for all F. Y. / S. Y. B. Sc. Mathematics students on 22nd December 2021. Twenty-eight students from F. Y. / S. Y. B. Sc. were participated in this activity.

2. Some students Qualified Online quiz Conducted on the occasion of  $\pi$  day. The quiz was conducted by the Department of Mathematics, Ahmednagar College, Ahmednagar on 14th March 2022.

### Short term course:

Organized "Bridge course" in association with department of Sattistics for F. Y, B. Sc. Students.

### Staff Participation:

1. Conducted session on "Mathematics in day to day life" in Scientific Skills Development course For F. Y. B. Sc. Students at H. V, Desai College, Pune, on 14th June 2022.

**Participation in Conference/ Workshops etc. (Mrs. Waphare M. B.)**

1. Successfully completed one week NATIONAL FACULTY DEVELOPMENT PROGRAMME ON "Recent Trends in Teaching- Learning Process" organized by Dada Patil Rajale Arts, Science and Commerce College, Ahmednagar and Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi, during 21 April to 27 April, 2022 and obtained Grade A+.
2. Attended International Conference on Algebra & Discrete Mathematics organized by Department of Mathematics, Savitribai Phule Pune University, during 26 May to 28 May 2022.
3. Qualified Online quiz Conducted on the occasion of  $\pi$  day. The quiz was conducted by the Department of Mathematics, Ahmednagar College, Ahmednagar on 14th March 2022.
4. Participated in online "NSS Day: General Knowledge Quiz" organized by NSS Department, DGM's. Hon. Balasaheb Jadhav Arts, Commerce and Science College, Ale on 24th September 2021.

### Committees (University)

Subject expert, for screening – cum evaluation committee for the promotion of assistant professor under CAS on Saturday 30 April 2022. at St. Miras College for Girls , Pune.

### Examination work in college and University

#### 1. University Level:

Paper setter and Examiner for F. Y. B. Sc. Theory Examination, May 2022.

#### 2. College Level:

a) Paper setter and Examiner for F. Y. B. Sc. practical Examination, for both semesters.

b) Paper setter and Examiner for S. Y. B. Sc. practical Examination for both semesters.

**- Mrs. M. B. Waphare**

Head, Department of Mathematics

## Department of Zoology

### Covid year: Teaching and Activities Online – Offline

**Term I** beginning date: 15<sup>th</sup> November 2021

Term-end Date: 24<sup>th</sup> April 2022

**Term II** beginning date: 25<sup>th</sup> April 2022

Term-end Date: 1<sup>st</sup> July 2022

S. No	EVENT/ ACTIVITY	Date
<b>Term I</b>		
1.	Bridge course for F.Y.B.sc.	22 to 24 November 2021
2.	Offline teaching start	1 December 2021
3.	S.Y.B.Sc. Activity - Change Is Constant	1 December 2021
4.	Zoo Zest Competition	05 December 2021
5.	Internal Exam Dates	20 December 2022
6.	F.Y.B.Sc. and S.Y.B.Sc. Unit tests	7 to 14 January 2022
7.	F.Y.B.Sc. and S.Y.B.Sc Oral tests, PPT	27 to 29 January 2022
8.	F.Y.B.Sc. and S.Y.B.Sc Online unit tests	31 January to 9 February 2022
9.	Backlog Internal Practical Exam	12 February 2022
10.	S.Y.B.Sc. (Sem III) Practical Exam	15 to 16 February 2022
11.	F.Y.B.Sc. (Sem I) Practical Exam	04 to 05 March 2022

12.	Staff Blood checkup by G1 Pathlabs	29 March 2022
<b>Term II</b>		
1.	International Conference Microbiology	07 April 2022
2.	Rajiv Gandhi Zoological Park Visit	22 April 2022
3.	Soft skill and Personality Development Programme for F.Y.B.Sc	21 April 2022
4.	Study Skill Programme	25 April to 10 May 2022
5.	Maharashtra Day Celebration	1 May 2022
6.	F.Y.B.Sc. and S.Y.B.Sc. Unit test	11 to 14 May 2022
7.	F.Y.B.Sc. and S.Y.B.Sc. Practical Exam	21 to 23 May 2022
<b>From 1 June 2022, Sem I 2022-23 Started</b>		

## Department of Statistics

### Departmental Activities:

1. The following Project is successfully completed by group of S. Y. B. Sc. Students under the supervision of Dr. D. D. Patil.

#### **Title: Time Series Analysis of Dows Jones Index**

**Participants:** Rohini Fulsagar, Shreyash Gore, Reva Darwatkar, Dipali Waghmare.

### 2. Short term course:

1. Organized a Short-term course of 30 hours on "Scientific Skill Development" for F. Y. B. Sc., S. Y. B. Sc. and T. Y. B. Sc. Students on 06/06/2022 to 15/06/2022.

The faculty of Art's, Commerce, science and computer science delivered talks on various scientific skills which will be beneficial to students in their academic study and professional life.

2. Organized "Bridge course" in association with department of mathematic for F. Y, B. Sc. Students.

### Staff Participation:

1. Conducted session on "Use of R-software in study" in Scientific Skills Development course For F. Y. B. Sc. Students at H. V. Desai College, Pune, 06th June 2021.

### Participation in Conference/ Workshops etc. (Dr. D. D. Patil)

1. Successfully completed one week FACULTY DEVELOPMENT PROGRAMME ON

"DATA ANALYTICS & MATHEMATICAL SOFTWARE TOOLS" organized by Teaching Learning Centre, Ramanujan College during 25 February - 03 March, 2022 and obtained Grade A.

### Committees (University)

1. Subject expert, Selection committee for the post of Assistant Professor in Engineering Probability and Statistics. Bharati Vidyapeet.

### Examination work in college and University

#### 1. College Level:

- a) College Examination officer (CEO)
- d) Paper setter and Examiner for F. Y. B. Sc. practical Examination, October 2021.
- e) Paper setter and Examiner for S. Y. B. Sc. practical Examination on May 2022.

## Department of Commerce

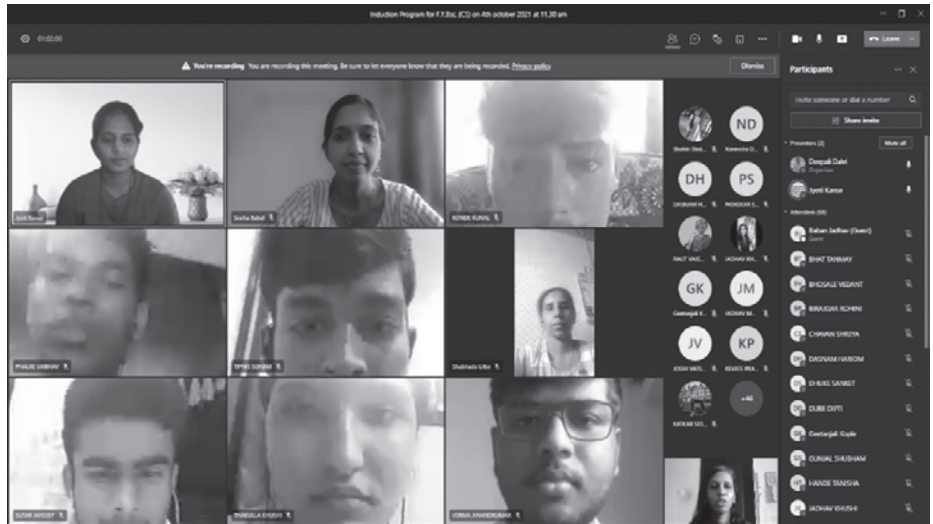
Sr.No.	Date	Activity Head	Details
1	07.09.2021 to 08.09.2021	Two days university level workshop for teachers	Intercollegiate workshop organized in association with Abeda Inamdar College for girls on 'Orientation of Revised syllabus under CBCS'. Coordinated by Dr. Yashodhan Mithare
2	11.10.2021 to 18.10.2021	Bridge Course	Bridge Course for F.Y. B.Com. students was conducted in the subject Consumer Protection.
3	25.10.2021	Vaccination Drive	Vaccination drive was organized for B.Com. Students.
4	30-10-2021	PEER Reviewed Journal IJARESM	Role of RERA as Regulator in maintaining corporate governance- Dr. Vidya Mithare
5	12.11.2021	Two days Intercollegiate workshop	University level seminar on 'Winning Strategy for NET / SET and other competitive examination for M. Com. students.
6	12.11.2021	Two days Intercollegiate workshop	University level seminar on 'Winning Strategy for NET / SET and other competitive examination for M. Com. students.
7	23.11.2021	Intercollegiate workshop	One day intercollegiate workshop for teachers on 'How to process internship programme proposals'
8	18.12.2021	State Level Seminar	State Level seminar on 'National Education Policy' was conducted in association with BJS College, Wagholi.
9	15.12.2021	Research Paper in CARE listed journal	'Bengal Past & Present- Impact of COVID 19- Dr. Mithare
10	01.01 2022	Research Paper in CARE listed Journal	'The Need for Hospital Cost Accounting System'- Ms. Vandana Mankar
11	07.01.2022	Guest Lecture	Guest Lecture on GST was organized by Ms. Vandana Mankar for F.Y.B.Com. Students.
12	25.01.2022	Joint workshop on Internship Programme	One day workshop on Internship Programme for students was organized in association with shri Padmamani Jain College, Pabal.
13	27.01.2022	Webinar on 'Securing Additional Credits'	Worked as a Resource Person for a webinar on 'Securing Additional Credits' for T.Y.B.Com. Students in association with CMCS College, Nasik.
14	01.02.2022	Research Paper in Peer Reviewed journal	'Unemployment and Employability:Threat t o Demographic Dividend' Ms. Shraddha Sankla
15.	02.02.2022	Research Paper in CARE listed journal	Shodh Sanhita – Innovation in Marketing through Creative Practices. – Dr. Mithare
16.	10.02.2022	Intercollegiate Seminar	Intercollegiate Seminar was organized in association with Malpani College, Sangamner for T.Y.B.Com. students about 'How to complete internship'.

Sr.No.	Date	Activity Head	Details
17.	16.02.2022	Capacity Building Webinar	Intercollegiate Capacity Building Webinar was organized on 'Career Opportunities after Internship' in association with Modern College and M.P. College, Pimpri.
18.	16.02.2022	Capacity Building Webinar	Intercollegiate Capacity Building Webinar was organized on 'How to Succeed in competitive Examination' in association with Modern College and M.P. College, Pimpri.
19.	18.02.2022	Capacity Building Webinar	Intercollegiate Capacity Building Webinar was organized on 'Skill Enhancement through Internship' was organized in association with Huzurpaga College and Saraswati Mandir Night College.
20.	18.02.2022	Capacity Building Webinar	Intercollegiate Capacity Building Webinar was organized on 'How to Succeed in competitive Examination' in association with Huzurpaga College and Saraswati Mandir Night College.
21.	21-04-2022 to 27-04-2022	FDP under Ministry of Education PMMMMNTT	Recent trends in Teaching Learning Process
22.	27.12.2021	Participation in Faculty Development Programme	FDP on An overview of Securities Market- I II was completed by Dr. Yashodhan Mithare
23.	28-12-2021	MentalHealth Awareness Program	Counseling Program was organised for S.Y and T.Y. B.Com Students ( Manasrang)
24.	28.12.2021	Research Paper in Peer Reviewed journal	'A Study of Sales Promotion in Real Estate Marketing in Pune' was published by Dr. Vidya Mithare
25.	15.01.2022	Participation in Faculty Development Programme	FDP on An overview of Securities Market- II was completed by Dr. Yashodhan Mithare
26.	22-01-2022	Research Paper in CARE listed journal (Shodh Samhita)	Challenges of Communication in Web Based Media
27.	29.01.2022	Best Poster Award	'Best Poster Award' was conferred upon Dr. Pallavi Kulkarni at International Conference organised by Abeda Inamdar College.
28.	29.01.2022	Research Paper in CARE listed journal	'A Study of Impact of ICT on Education and Healthcare and Other Selected Sectors in India' was published by Dr. Pallavi Kulkarni.
29.	08.02.2022 To 12.02.2022	Participation in Faculty Development Programme	Achieving Quality and Excellence in Higher Education through NAAC Process.

Sr.No.	Date	Activity Head	Details
30.	Feb 2022	Research Paper in CARE listed journal (Shodh Sanhita)	Scenario of E-Governance in India and Overview
31.	10.03.2022	Guest Lecture	A Guest Lecture on Sustainable Development was organized for F.Y.B.Com. students
32.	15.03.2022	Research Paper in Peer Reviewed journal	'Digital Transformation, Revolution and Challenges for Society' was published by Dr. Vidya Mithare
33.	19.03.2022	Text Book	Text book on 'Business Law & Practices' was authored by Dr. Yashodhan Mithare
34.	05.05.2022	Workshop on Quiz Preparation	A Workshop for T.Y.B.Com. students on 'How to prepare for a quiz' was organized.
35.	06.05.2022	NATION WIDE FINANCIAL MARKETS Online Quiz Contest	Mr. Rohit Warman (SEBI SMART)
36.	05.06.2022	Research Paper in CARE listed Journal	'A Study of Effectiveness of Advertisement & Sales Promotion Techniques Used in Marketing Housing Projects' was published by Dr. Vidya Mithare
37.	08.06.2022 to 11.06.2022	Value Education Lecture Series	Lecture Series on 'Value Education' was organized in association with 'Art of Living Foundation', Nagpur, Coordinated by Dr. Vidya Mithare
38.	21.06.2022	Societal Survey	Societal Survey of pilgrims of Pandharpur was conducted with the help of T.Y.B.Com. Students.
39.	21.06.2022	Session on Yoga Day	A session on 'Importance of Yoga in Day to day life' was engaged by Dr. Pallavi Kulkarni on the eve of Yoga Day.
40.	25.06.2022	Research Paper in CARE listed journal (Shodh Sanhita)	'Role of Teachers Training in Career Development and advancement in Higher Education' by Dr. Kavita Vaswani
41.	27.06.2022	Chapter in Book	'Fake News in Social Media : Few Things to Ponder' was authored by Ms. Shraddha Sankla
42.	Feb 2022	Research Paper in CARE listed journal (Shodh Sanhita)	Scenario of E-Governance in India and Overview.
43.	13.02.2022	Trade Fair	Trade fair was organized to give the students a hand on experience of business activities. The event was organized by Dr. Vidya Mithare.
44.	21.04.2022	Guest Lecture	Guest Lecture on GST Accounting was organized by Mrs. Vanda Mankar. Resource Person was Mr. Radhakishan Kakade.

## Dept. of Comp. Science UG / BCA (Science) / BBA (CA)

1. Induction program for F.Y B.Sc (CS) students on 04-10-2021. Ms. Deepali Dalvi was the coordinator of this activity.
2. Bridge course for F.Y B.Sc (CS) students from 5-10-2021 to 8-10-2021. Subject Teacher was the coordinator of this activity.
3. Logo Making Competition for FY, SY and TY B.Sc. (Computer Science) students on 11-12-2021. Fatima Sayad was the coordinator of this activity.
4. Special Child Students(SAP) for FY,SY and TY B.Sc.(Computer Science) students on 20th Dec 2021. Ms. Deepali Dalvi and Ms. Shubhada D Litke was the coordinator of this activity.
5. Webinar on "Machine Learning & Block-chain Technology" for TY B.Sc.(Computer Science) students on 08-01-2022. Shweti Chandan and Geetanjali Kolape was the coordinator of this activity.
6. Farewell Party 2022 for TY BCA (Computer Science) students on 09-07-2022. Archana Bhise was the coordinator of this activity.



## Department of BBA

The Department of BBA started with zeal and had the induction Program with introduction for fresher and they were guided about rules and the disciplinary measures which the students have to follow in the academic year.

**The following activities were conducted for the academic year 2021-22.**

Sr. No.	Day & Date	Name of the Activity Guest/Speaker (Workshop)	Activity In-charge
01.	Monday, 04/10/2021	Induction -2021-22 Chief Guest:- Prof. Dr. Ganesh Raut (Principal)	Mr. Swapnil Sangore
02.	Tuesday, 05/10/2021 to 07/10/2021	Bridge Course	All Faculty Members
03.	Wednesday, 22/12/2021	Art of Resume Writing by VIP Applicant Mr. Hitesh Sharma (Founder & CEO VIP Applicant)	Mr. Swapnil Sangore
04.	Tuesday, 12/04/2022	Carnival (The Fun Festival)	Mrs. Harsha Mehta
05.	Saturday 09/07/2022	Farewell (2021-22 TY BBA Batch)	Mr. Swapnil Sangore & Mr. Vishal Ekatpure

## Department of Computer Science (PG)

1. Department has organized Induction of M.Sc. (Comp. Sci.) Students on 09-10-2021. Assistant Professor Bhushan Shah was the coordinator of this activity.
2. Department has organized Bridge course for M.Sc. Part-I students from 11-10-2021 to 14-10-2021 Bhushan Shah, Monica Deshmane, Sayali Ghodake was the coordinator of this activity.
3. Guest lecture on Extra credit Cyber Security- I was organized on 13-02-2022 for PG students Dr. Mukund Ambawade was the coordinator of this activity.
4. Guest lecture on Extra credit Human Right-I was organized on 13-02-2022 for PG students Dr. Mukund Ambawade was the coordinator of this activity.
5. Guest lecture on Extra credit Cyber Security-III was organized on 13-02-2022 for PG students Dr. Mukund Ambawade was the coordinator of this activity.
6. Guest lecture on Extra credit Introduction to constitution was organized on 13-02-2022 for PG students Dr. Mukund Ambawade was the coordinator of this activity.
7. Guest lecture on Extra credit Cyber Security- II was organized on 04-05-2022 and 05-05-2022 for PG students Dr. Mukund Ambawade was the coordinator of this activity.
8. Guest lecture on Extra credit Human Right-II was organized on 04-05-2022 and 05-05-2022 for PG students Dr. Mukund Ambawade was the coordinator of this activity.
9. Guest lecture on Extra credit Cyber Cyber Security-IV was organized on 04-05-2022 and 05-05-2022 for PG students Dr. Mukund Ambawade was the coordinator of this activity.
10. Department has organized Farewell party for T.Y.B.Sc., M.Sc.(Comp. Sci.) . Students on 09-07-2022. Assistant Professor Monica Deshmane was the coordinator of this activity.

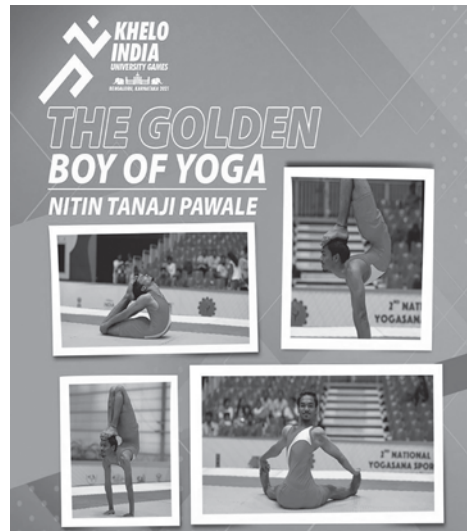
## Library Activities : 2021 - 2022

१. १५ ऑक्टोबर २०२१ रोजी भारतरत्न डॉ. ए. पी. जे. अब्दुल कलाम यांच्या जयंती निमित्ताने महाविद्यालयाच्या ग्रंथालयात वाचन प्रेरणा दिन साजरा करण्यात आला. या दिनाचे औचित्य साधून भारतरत्न डॉ. ए. पी. जे. अब्दुल कलाम यांनी लिहिलेल्या व त्याच्यावर आधारित ग्रंथांचे प्रदर्शन आयोजित करण्यात आले होते. प्रदर्शनाचे उद्घाटन महाविद्यालयाचे प्राचार्य डॉ. गणेश राऊत यांनी केले. या प्रसंगी अंतर्गत गुणवत्ता सुधार समितीचे डॉ. सागर जगताप, विविध शाखांचे उपप्राचार्य तसेच प्राध्यापक उपस्थित होते. कार्यक्रमाचे सूत्रसंचालन व आभार प्रदर्शन ग्रंथपाल श्री संतोष पां. खजिनदार यांनी केले.

२. २३ एप्रिल २०२२ रोजी 'जागतिक पुस्तक दिन' साजरा करण्यात आला. या निमित्ताने ग्रंथालय व कला मंडळ यांच्या संयुक्त विद्यमाने सर्व शाखांच्या विद्यार्थ्यांसाठी पेश्रळपश प्रश्नमंजुषा आयोजित करण्यात आली होती. यात पदवी ते पदुत्तर विद्यार्थ्यांनी सहभाग घेतला. प्रथम ३ क्रमांकाच्या विद्यार्थ्यांना प्रशस्तीपत्रक व पुस्तक पुरस्कार देऊन गौरवण्यात आले. या कार्यक्रमासाठी कला मंडळ प्रमुख डॉ. विलीना इनामदार व प्रा. प्रतिक घोष यांचे सहकार्य लाभले. महाविद्यालयाचे प्राचार्य डॉ. गणेश राऊत यांचे हस्ते विद्यार्थ्यांना पारितोषिके देण्यात आली. कार्यक्रमाचे सूत्रसंचालन व आभार प्रदर्शन ग्रंथपाल श्री संतोष पां. खजिनदार यांनी केले.  
- श्री संतोष पांडुरंग खजिनदार, ग्रंथपाल

## Department of Sports

Khelo India University games	Individual	National	Yoga(Men)	Pawale Nitin Tanaji
All India University (gold)	Team	University	Yoga(Men)	Pawale Nitin Tanaji
Inter Zonals (2nd)	Individual	University	Weight Lifting (Men)	Shah Narendra Manoj
Inter Zonals	Individual	University	Weight Lifting (Men)	Rajput Pravin Premchand
Inter Zonals	Individual	University	Weight Lifting (Men)	Trivedi Nikhil Bharat
Inter Zonals (3rd)	Individual	University	Weight Lifting (Men)	Bhilare Vaibhavi Tushar
Inter Zonals	Individual	University	Free Style Wrestling (Men)	Kadam Omkar Dnyandev
Inter Zonals (2nd)	Team	University	Hockey (Women)	Bhandare Anushka Anil
Inter Zonals (2nd)	Individual	University	Boxing(Mens)	Patange Om Manoj



## Department of Kalamandal

**1) On 17<sup>th</sup> September 2021** Kalamandal organized "Atharvashirsha recitation event "on online mode from 9.00 to 10.30 am. Prof.Santosh Khajindar given guidance on importance of chanting mantra for 108 times, Prof.Pratik Gholap given guidance on importance of Atharvashirsa recitation and Dr. Mrs. Inamdar Vileena practically organized chanting of mantra and Atharvashirsa Recitation. More than 60 students were participated in this event.(Online)

**2) On 19<sup>th</sup> September 2021** Kalamandal of Haribhai V.Desai College and Baburaoji Gholap College of Sangvi jointly organized "Atharvashirsha recitation event "on online mode from 9.00 to 10.30 am. Principal Dr.Nitin Ghorpade gave guidance on the the importance of Atharvashirsha Recitation during Ganesh Festival" Prof.Santosh Khajindar given guidance on importance of chanting mantra for 108 times, Prof.Pratik Gholap given guidance on importance of Atharvashirsa recitation and Dr.Mrs.Inamdar Vileena practically organized chanting of mantra and Atharvashirsa Recitation. and Dr.Maya Mainkar from Department of English did comparing and proposed vote of thanks .More than 60 students of Baburaoji Gholap College were participated in this event. (Online)

**3) On world Tourism day 28<sup>th</sup> September 2021** Kalamandal organized online lectures on "My Experiences in international Tourism" Dr. Anita Sathe ( Vice – principal Commerce ), Dr. Neeta Bokil (Vice – principal Arts), Dr.Rajashree Patwardhan

(Vice- Principal Science) gave guidance on their experiences in international tourism. More than 60 students and staff were attended the lecture. (Online)

**4) On 12<sup>th</sup> October 2021** during "Navratri Festival" kalamandal organized online "Jagar stree shakticha" a cultural program for the students. Principal Dr. Ganesh Raut sir gave guidance and gave importance of organizing such programs in college. More than 427 students and staff were present. Students performed Dances, Songs and speeches on various courageous ladies. Dr. Inamdar performed "Eknathi Bharud"(Online)

**5) On 25<sup>th</sup> January 2022** during "Voters day Awareness Campaign" Kalamandal organized online "Essay writing Competitions, Slogan Writing Competitions for the students. 129 students took participation in essay competition and 117 students took participation in slogan competition. (Online)

**6) On 23<sup>rd</sup> of April 2022** Kalamandal has been organized online quiz on the eve of "Pustak Din" & "Copy Right Day". More than 120 Students from Arts, Commerce, Science & Computer Science participated in this events. Students should know the authors and books written in marathi literature History, Geography and other various branches of knowledge.

**Dr. Vileena Shashank Inamdar**

Head Department Of "Geography" and  
 Head Department Of "Kalamandal"

# Microbiology Department



International conference organised by Dept of Microbiology



Received First Prize in GCCC Competition Organised by Kirloskar Vasundhara 2021-22



Ramnadi Restoration with ecological floating water beds



Release of ecological floating water beds at Khatpevadi



Making of floating water beds



National level Best teacher award to Dr. Rajashree Patwardhan by Microbiologists Society, India

International Women's Day celebration



## Drishti Magazine Publication Ceremony & Felicitation of the Professors



# Botany Department



Botany Quiz competition F. Y. 2021-22



Botany Quiz competition F.Y. 2021-22 Audience



Botany Quiz competition S.Y. 2021-22



Dr. Sayyed Iliyas Online Guest Lect in HVDC

# Computer Science (PG) Department



Computer PG farewell



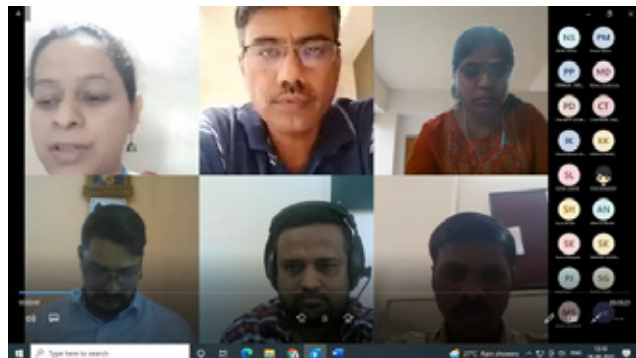
Computer PG farewell



Computer PG farewell



Computer PG farewell Rangoli



Computer PG Induction

# English Department



**Debate Competition**

# History Department



Mahatma Phule Mandai Visit



Heritage walk

Visit to Nana Wada



Visit to Prarthana Samaj



Modi Script certified Course



Visit to Bharat Itihaas sanshodhak Mandal

# Botany Department outdoor visits



Amboli



Naneghat, Junnar



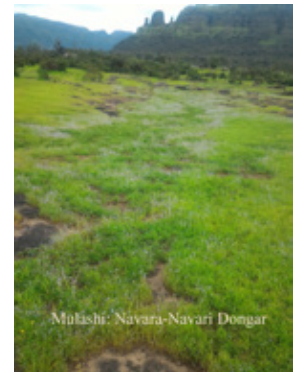
Those-ghar, Satara



Bhimashankar



Kaas Plateau, Satara



Mulashi, Navara-Navari Dongar



Vehlle: Madhe Ghat



Mahabaleshwar

# Political Science Department

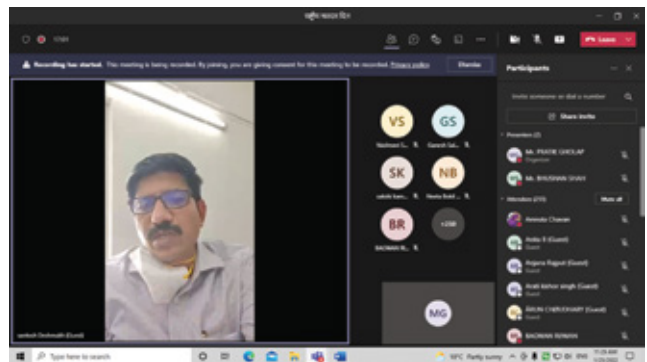
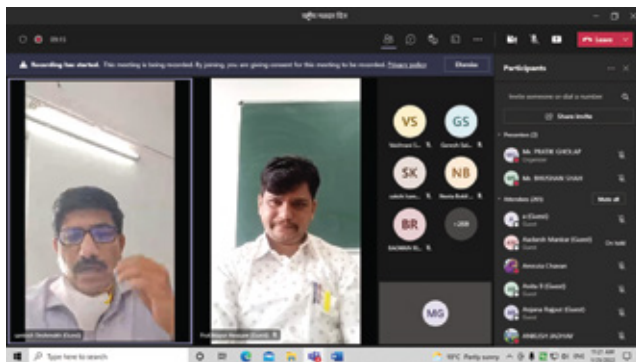
## Educational Opportunities After Graduation



## Mental Health of the Youth: Manasranga



## National Voter's Day



# Women Empowerment Cell

## Nirbhay Kanya Abhiyan



## Savitri Mahotsav



## Workshop On Creative Writing





# THE POONA GUJARATI KELAVANI MANDAL'S INSTITUTIONS

Sheth Hakamchand Ishwardas Prathmik Gujarati Medium School

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Ratanben Chunilal Mehta Gujarati High School

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Acharya Shri. D.B. Dadawala Junior College

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Smt. Sulochanaben Dadawala & Acharya Shri. D. B. Dadawala  
Technical School & Junior College - MCVC

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Sheth Hakamchand Ishwardas Pre-Primary English Medium School

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Sheth Ramdas Nathubhai Shah Primary English Medium School

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Dr. G.G. Shah English Medium High School

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Haribhai V. Desai Junior College (Commerce & Science)

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Haribhai V. Desai Senior College of Commerce, Arts & Science  
BBA, B.Sc. (Comp.Sci.), BCA (Sci.), BBA (Computer Application)  
M.Sc. (Comp.Sci., Physics, Analytical Chemistry, Microbiology,  
Environmental Science), M. Corn.

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Competitive Exam Center UPSC / MPSC Abhyasika

**DESAI BROTHER'S VIDYA BHAVAN,  
596, BUDHWAR PETH, PUNE - 411 002**

 : 020-24455423 / 24450373

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Website : [www.hydesaicollege.org](http://www.hydesaicollege.org)