

**Mahatma Education Society's
Pillai HOC College of Arts, Science and Commerce, Rasayani
(Accredited by NAAC & ISO 9001:2015 Certified)**

3.2. QnM.

Innovation Ecosystem

(FROM AY 2017-18 TO AY 2021-22)



Dattam
Principal
Mahatma Education Society's
Pillai's HOC College of Arts
Science and Commerce
HOC Educational Campus,
Rasayani, Tal. Khalapur,
Dist. Raigad, PIN - 410 207

**Mahatma Education Society's
Pillai HOC College of Arts, Science and Commerce, Rasayani
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3.2.2 QnM.

Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

(FROM AY 2017-18 TO AY 2021-22)

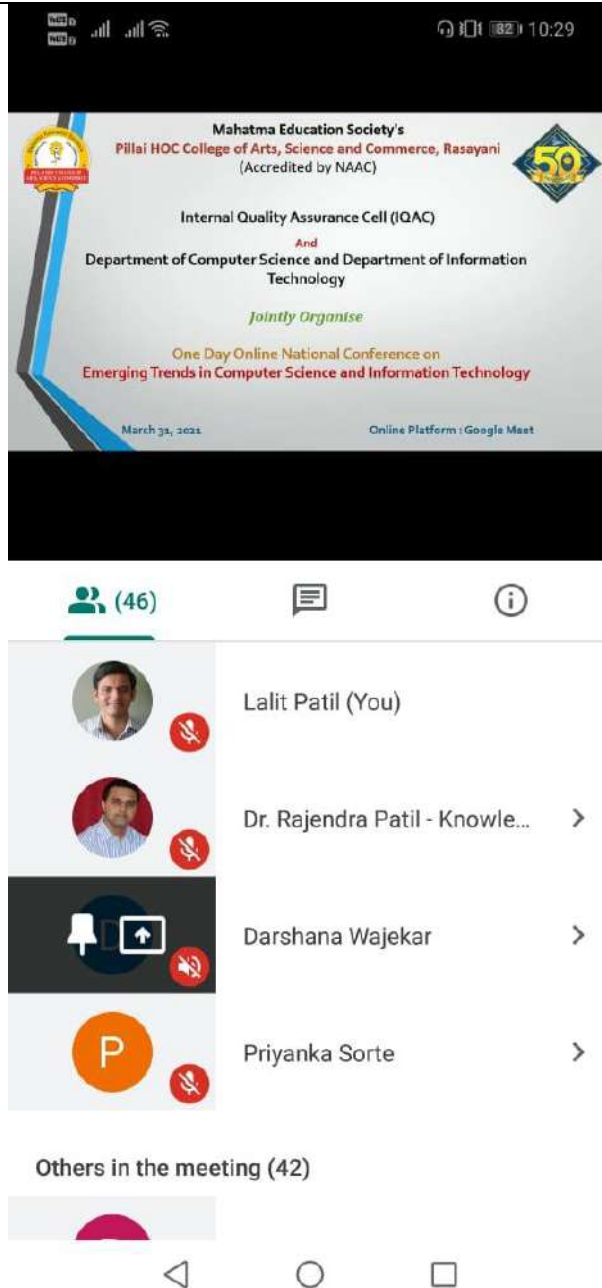
Academic Year
2020-21
Supporting Documents

TrackAct - Activity Tracker

Name of the event :-	‘Emerging Trends in Computer Science & Information Technology (NCETCSIT-2k21)’
Conducted by:-	Internal Quality Assurance Cell(IQAC) and Department of Information Technology & Department of Computer Science
Date:-	March 31,2021
Venue/ Online Platform:-	G -meet
Activity Falls under Criterion/Criteria:-	Criteria III
Convenor:-	Mr. Lalit Patil
Co-Convenor: - (if any)	Ms. Priyanka Sorte
Number of participants benefitted:-	50
Report:-	<p>Departments of Computer Science and Information Technology & IQAC has successfully conducted a One Day National Level Online Conference title Emerging Trends in Computer Science & Information Technology. We would like to express our gratitude towards our Keynote speaker for conference Dr. Rajendra Patil.</p> <p>Participation Details: We have received total 50 paper's from Post graduate students and faculty members from different institutions. Research paper presented</p>

by Mr. Mujtaba Shaikh , Student , from Ramniranjan Jhunjunwala College was announced as Best Paper Award .
Title of his research paper was **The State of Art Machine Learning in Bioinformatics.**

Photos:-



REC



(64)



- Lalit Patil (You)
- Priyanka Sorte
- Darshana Wajekar
- Dr. Rajendra Patil - Knowle...

Lalit Patil (You)

Priyanka Sorte

Darshana Wajekar

Dr. Rajendra Patil - Knowle...

Others in the meeting (60)



● REC



(48)



Lalit Patil (You)



Ravindra Mhatre

NEW



Darshana Wajekar



Priyanka Sorte



Others in the meeting (44)





(53)



Lalit Patil (You)



Dr. Rajendra Patil - Knowle...



Darshana Wajekar



Priyanka Sorte



Others in the meeting (49)



TrackAct - Activity Tracker

Name of the event:-	One Day Online National Conference on 'Textual and Visual Evidence of Exploration in Travel Literature'
Conducted by: -	Internal Quality Assurance Cell (IQAC) and Faculty of Arts
Date: -	March 24, 2021
Venue/ Online Platform:-	Zoom
Activity Falls under Criterion/Criteria:-	03
Convenor:-	Mr. Prathamesh Gokhale
Co-Convenor: - (if any)	Mr. Priyesh Keekan and Ms. Ashvini Satve
Number of participants benefitted:-	28
Report:-	<p>Pillai HOC College of Arts, Science & Commerce along with the Internal Quality Assurance Cell (IQAC) and the Faculty of Arts jointly organised a One Day National Conference on 'Textual and Visual Evidence of Exploration in Travel Literature' on 24th March 2021.</p> <p>The conference focused on exploring, discovering and</p>

understanding textual and visual evidence in travel writing recorded across the globe as its a unique genre that brings alive experiences of various travellers in the essence of illustrations, historical backgrounds, etc.

Dr. Manjiree Atul Vaidya, Head of Amity School of Languages, Amity University, graced the conference as the Keynote speaker. Dr. Lata Menon addressed the conference and the anchor, Mr. Linu George, gave the welcome speech and introduced the keynote speaker to all the participants.

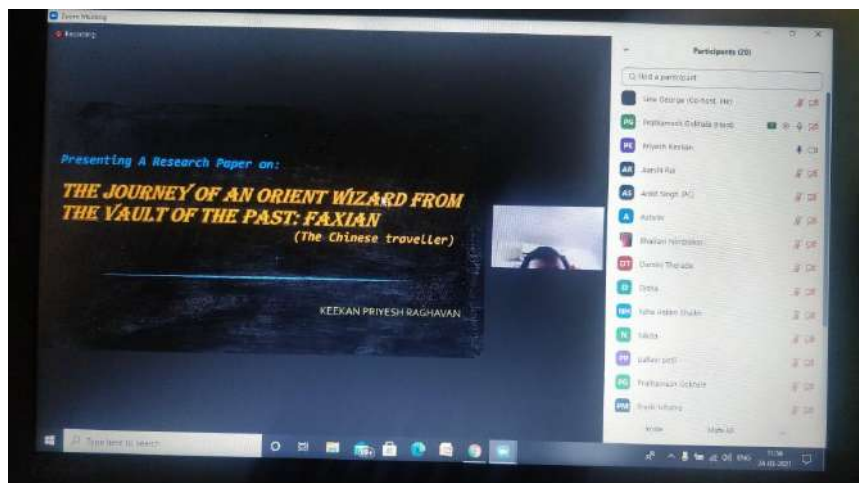
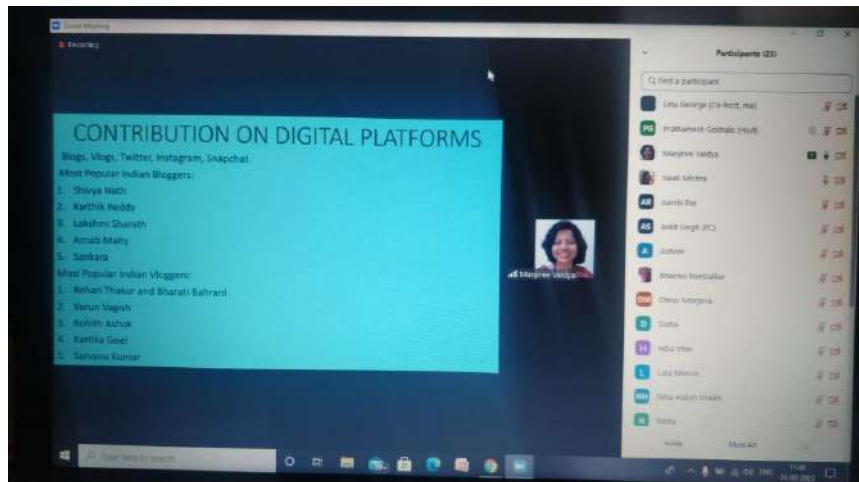
The keynote speaker, Dr. Manjiree Atul Vaidya, an active researcher in the field of digital literature, innovation in English language and Literature, Linguistics, Comparative literature, Indian English literature, etc, addressed the conference and briefed about travel literature, its progress over the years and the impact of technology and social media on the same.

Ms. Kalavati Upadhyay, announced the commencing of the technical session for the presentation of research papers. Mr. Priyesh Keekan, presented his research paper titled 'The Journey of an Orient Wizard from the Vault of the Past: Faxian (The Chinese Traveller)'. He led the participants through the journey of Faxian from China to India and back to China again. His paper explored and highlighted the dedication to transport some of the finest Buddhist scriptures from India to China and the difficulties one faced in the process.

Dr. Pradnyashailee Bhagwan Sawai, presented her research paper titled 'A review of Travel Writings in India'. The paper explored the spheres of travel writing in a multicultural country like India.

Ms. Disha Chotaliya, proposed a vote of thanks. It was followed by the rendition of the National Anthem which indicated the formal culmination of the one day Conference.

Photos:-

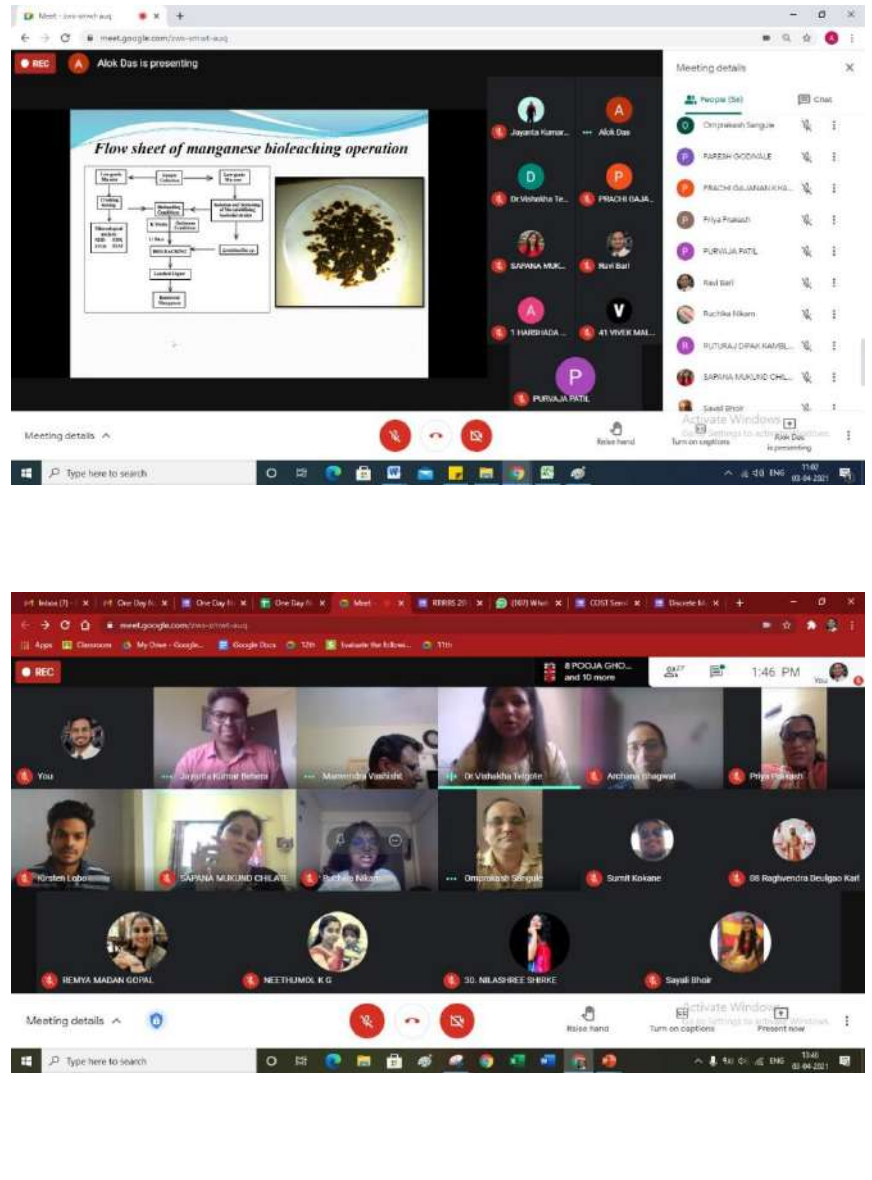


TrackAct - Activity Tracker

Name of the event :-	‘One Day Online National Conference on ‘ Recent Trends in Interdisciplinary Research in Basic Science-2021’
Conducted by:-	Departments Physics , Chemistry & Mathematics in association with IQAC
Date:-	April 03,2021
Venue/ Online Platform:-	G -meet
Activity Falls under Criterion/Criteria:-	Criteria III
Convenor:-	Dr .Vishakha T
Co-Convenor: - (if any)	Dr.Sapna Chilate
Number of participants benefitted:-	10
Report:-	Departments of Physics, Chemistry & Mathematics in collaboration with IQAC has Organized ‘One Day Online National Conference on ‘ Recent Trends in Interdisciplinary Research in Basic Sciences-2021’ Dr Alok Prasad Das , ,Assistant Professor , Department of Life Science ,Rama Das Women’s University ,Bhubaneshwar ,Odisha was Resource person of the Conference . Dr. Manvendra Vashistha , Professor & Head of Dept.Pillai HOC College of Engineering & Technology judged research papers presented in this

conference .
Total 09 participant presented their research papers .
Research paper presented by Mr. Kirsten Lobo , Research Scholar ,
Institute of Chemical Technology was announced as Best Paper Award .
Title of his research paper was Conducting Polymers-review of its
composites for desirable applications.

Photos:-



Meet - Zoom Meeting

meet.google.com/...

Allok Das is presenting

Meeting details

- People (22)
- Chat
- Participants list: PURULLAZHA, Rav Bar, Kuzhikannan, RUTURAJ KAVIL, SAPANA SURESH CHIL, Anjali, Kunal Pinnar, SUNIL KISHOR, VEERESHU MUK, Naman Chakr, Pratiksha Wankhede, Anshu Singh, Anshu Singh

Meeting controls: Mute, Video, Screen Share, Raise Hand

Windows taskbar: Type here to search, 11:09 AM, 09/04/2021

Meet - Zoom Meeting

meet.google.com/...

Ravi Bar is presenting

Meeting details

- People (22)
- Chat
- Participants list: PPOUGACHOICE, Divyashree Sagar, Harshita Singh, Jyoti Kulkarni, Kishor Lohar, Manvendra Joshi, MOHAMMAD SAIK, NETHANAL K O, Hani Mohammed

Meeting controls: Mute, Video, Screen Share, Raise Hand

Windows taskbar: Type here to search, 11:40 AM, 09/04/2021

Track Act Report

Name of the event :-	Arts Conference on Apocalypse: A Swoop into Multifaceted Perceptions
Conducted by:-	Department of Arts & Internal Quality Assurance Cell (Pillai HOC College of Arts, Science and Commerce)
Date:-	May 29th , 2021 TIME: 10 AM to 4 PM
Venue/ Online Platform:-	Zoom Platform
Activity Falls under Criterion/Criteria:-	III
Convenor:-	Mr. Linu George
Co-Convenor: - (if any)	Mr. Keekan Priyesh Raghavan
Number of participants benefitted:-	09 Faculties

Report:-

SUB: REPORT ON THE ARTS CONFERENCE

PHCASC Department of Arts in association with Internal Quality Assurance Cell (PHCASC) had organized a Virtual Arts Conference on Zoom Platform for the Faculties who were interested in presenting the same. The session was graced by the Head of English Department, Khalsa College; Mr. Yogesh Anvekar as a Key note speaker. Dr. Mrs. Neeta Khandpekar, Prof. Of Department of History, Mumbai University had judged the whole event. Around 8 papers were presented in the event which included the topics pertaining to the field of History, English Literature and Media. The Judge, Prof. Neeta Khandpekar was very much thrilled to see the way the researchers presented their papers. She had whole lot of appreciation for the same. Further she selected three best papers:

1. Ms. Pallavi Patil: War Poets and Depiction of war and its ultimate destruction in war poems
2. Mr. Linu George: Totalitarianism as depicted in George Orwell's NINETEEN EIGHTY FOUR
3. Ms. Seraphin Amanna: Media's Depiction of Authoritarian Figures of World War II

The main aim of the session was to make teachers appear for Research paper Presentation without any fear as such. Having served the purpose, the session ended at 4PM with our faculty Ms. Kalavati proposing the Vote of Thanks.

Photos:-



Guidelines for paper submission

Original articles are invited for technical sessions. Papers must appropriately fit under the themes of the conference. In case of joint papers, all authors must register separately.

The abstract text to be limited to a maximum of 250 words. Full length paper must not exceed 2500 words and should be submitted in electronic format (MS-WORD), typed in Times New Roman, font size 12 with 1.5 spacing and margin of 1" on all sides. A single column layout with both left and right margin justified is to be sent on: arts.conference2021@gmail.com

Each paper should have a cover page with the title of the paper, name of the author/s, affiliations of the authors and contact details, (Address, telephone number and email address of authors).

All selected papers will be published in UGC CARE listed journal.

(Only if the desired number of responses are received)

Conference Team

Patrons

Dr. K. M. Vasudevan Pillai
(Chairman and CEO, MES)

Dr. Daphne Pillai
(Secretary, MES)

Dr. Priam Pillai
(COO, MES)

Mr. Franav Pillai
(Deputy CEO, MES)

Conference Chair Person
Dr. Lata Menon
(Principal)

Deadlines & Important Dates

Abstract Submission	May 17, 2021
Full Length Paper Submission	May 25, 2021
Last date of registration	May 29, 2021

Registration Fee

The fee shall be paid through DD/Online Payment in favor of Pillai HOC College of Arts, Science and Commerce payable at Mumbai/Rasayani.

Paper Publication with UGC care listed Journal (Only if the desired responses are received)	1500/-
Research Scholars and PG students (Presentation and Conference Proceedings)	500/-

Conference Timing -10:00 am to 04:00 pm.

Online Payment

For RTGS/NEFT Bank Details:
Account No.: 52142200086647
IFSC Code: CNRB0015214 /
SYNB0005214,

Branch: Khairat Patalganga
Please mention "Conference_Arts" in the column of 'subject/purpose' which is transaction through RTGS/NEFT



Mahatma Education Society's
Pillai HOC College of Arts, Science and Commerce,
Rasayani

(Accredited by NAAC)

Internal Quality Assurance Cell (IQAC)
and
Faculty of Arts

Jointly Organise

One Day Online National Conference
on

**Apocalypse :
A Swoop Into
Multifaceted Perceptions**



May 29, 2021
Saturday

Online Platform
ZOOM

Please visit - www.phcasc.ac.in

About MES

Mahatma Education Society (MES) was established in 1970 with the objective of spreading education for all. MES is an epitome of vision linked irrevocably to national goals. Born in a time when education was deemed a service, it set about bringing social and economic changes through the proactive personal development of every child that came into its fold. The management of MES is headed by Dr. K. M. Vasudevan Pillai (Chairman and CEO) and Dr. Daphne Pillai (Secretary) with the team of experienced professionals from the field of Education. Today MES owns and manages over 48 institutions, from pre-primary to post graduation having more than 35 thousand students and 2000 teachers.

About PHCASC

Pillai HOC College of Arts, Science and Commerce, NAAC accredited, affiliated to the University of Mumbai, one of the reputed institutions of learning and wisdom was established in 2008 with the noble objective of providing fundamental learning and assuring higher education in semi-urban area of Rasayani. The goal of the institution is education to all, irrespective of region, religion, caste, economic strata and academic performance thereby becoming the real catalyst for change in the society. Being guided by the inspiring thoughts and encouraging words of the great visionary and CEO of MES, Dr. K. M. Vasudevan Pillai, the institution caters to about more than 1700 students in various disciplines such as undergraduate and post-graduate courses of Arts, Science & Commerce.

Conference Preamble

"I confess, without shame, that I am sick and tired of fighting – its glory is all moonshine; even success the most brilliant is over dead and mangled bodies, with the anguish and lamentations of distant families, appealing to me for sons, husbands, and fathers ... it is only those who have never heard a shot, never heard the shriek and groans of the wounded and lacerated ... that cry aloud for more blood, more vengeance, more desolation."

-William Tecumseh Sherman.

War, in the popular sense, is a conflict between political groups involving hostilities of considerable duration and magnitude. The desired territorial, economic, military or other benefits expected after winning is what war is all about. But we seldom look back and see what is left behind- Destruction or Apocalypse. This is what war breeds in the end. The physical and psychological effects are hard to quantify, but these factors become the important moral elements that define war.

The current conference dive into different aspects of war as perceived through the spectacles of History, Literature, Economics, Media and Environment.

Conference Topics

- 1) Totalitarianism
- 2) Death: Inevitable or Tragedy
- 3) Impact of War on Human Relationship
- 4) Blind Nationalism
- 5) Blame, Revenge and Justice
- 6) War's changing faces
- 7) War and Broadcast Media
- 8) War and Entertainment Media
- 9) Media's depiction of Authoritarian figures of WW II
- 10) The Great Depression and unstable Europe
- 11) War of words and race to lead Covid Vaccines
- 12) Rising Hunger: Food insecurity amidst global conflicts

Conference Organizing Team

- Convener:
Mr. Linu George
Contact No.: 9097392532
email: linugeorge@mes.ac.in
- Co-Conveners:
Mr. Priyesh Keekan
Contact No.: 9769429867
email: keekanpriyesh@mes.ac.in
- Members:
Mr. Prathamesh Gokhale
Ms. Pallavi Patil
Ms. Disha Chotaliya
Ms. Remya Madan Gopal
Ms. Kalavati Upadhyay
Ms. Seraphin Amanna

TrackAct - Activity Tracker

Name of the event :-	Commerce Conference Titled as – ‘Struggle, Survival and Stabilization: Rebuilding Global Economy In The Post Covid-19 Age’
Conducted by:-	IQAC and Faculty of Commerce
Date:-	March 20,2021
Venue/ Online Platform:-	Google Meet- link
Activity Falls under Criterion/Criteria:-	Criterion 3
Convenor:-	Ms.Rewati Soman
Co-Convenor: - (if any)	Mr. Sumeet Mhatre
Number of participants benefitted:-	30
Report:-	Report on One day Online National Conference on ‘Struggle, Survival and Stabilization: Rebuilding Global Economy In the post Covid- 19 Age.’ This is a Report on the One day Online National Conference on ‘Struggle, Survival and Stabilization: Rebuilding Global Economy In the post Covid 19 Age.’ Jointly organized by IQAC and Faculty of Commerce.

	<p>The inaugural session began at 11 a.m. by the convenor by welcoming all the dignitaries and delegates. It was opened with recognition of MES 's two pillars CEO Dr Vasudevan Pillai and Dr Daphne Pillai. Their dedication & passion in building different educational institutions under this banner. Delegates were made aware of the institutional profile & structure.</p> <p>The Key-note speaker was Dr Marimuthu K.N. Assistant Professor Department of Management Studies Manonmaniam Sundaranar University Tirunelveli - 627012, Tamil Nadu-India.& the Chief guest was Mr John Menzes from Bunts Sangha's S.M.Shetty College of Science, Commerce and Management Studies, Powai. Mumbai. Both the speakers shared their expertise as well as their personal experiences.</p> <p>The Chief guest Mr John Menzes added his valuable inputs regarding the impact of COVID 19 in current situation and suggested few feasible remedies. He guided all the research aspirants by quoting, 'Keep learning, Keep upgrading'</p> <p>The Keynote Speaker Dr Marimuthu K.N. dealt with the all sectors of the Indian economy, the extent to which they have prospered or suffered in pandemic time. He brought in all of his experiences and focused on the detail study of pharmaceutical sector, food & agriculture as well as financial sector. He presented the need of Innovation and the steps to be taken in post COVID 19 time.</p> <p>It was followed by the Technical Session in which delegates presented their research contribution. The session saw curtains with systematic question and answer round.</p> <p>It was ended by co-convenor with the valediction and formal vote of thanks.</p> <p>Thus the one day national Conference concluded successfully.</p>
<p>Photos:-</p>	

Meeting title: Rewati Soman is presenting

Meeting time: 11:05 AM

Meeting details: PHQASC-CORPERU.pptx, John Menezes - S...pptx

Participants: SAURASH KONDILKAR, Rewati Soman, JOYDISHI KONDILKAR, TEJAL MAHAJIK, VINET MARLI, NILAM PATIL, SUMET MATHRE, John Menezes

Meeting controls: Mute, Video, Raise hand, Turn on captions, Windows

Meeting title: John Menezes is presenting

Meeting time: 11:27 AM

Meeting details: PHQASC-CORPERU.pptx, John Menezes - S...pptx

Participants: John Menezes, Rewati Soman, Rohan Subhakar Yadav, VINET MARLI, MARMUTHU KN, SUMET MATHRE, SURESH GALLI, suresha oshar

Meeting controls: Mute, Video, Raise hand, Turn on captions, Windows

Slide content:

World economies struggling with rising unemployment

Yearly unemployment rate change, 2019 and 2020 compared

Country	2019	2020
Brazil	11.9%	13.4%
Italy	9.9%	11%
Canada	5.7%	9.7%
United States	3.7%	8.9%
France	8.5%	8.9%
United Kingdom	3.8%	5.4%
Germany	3.1%	4.3%
Japan	2.4%	3.3%

Source: International Monetary Fund

Text on slide: Many people have lost their jobs or seen their incomes cut. Unemployment rates have increased across major economies.

URL: <https://www.bbc.com/news/business-51728028>

Meeting title: John Menezes is presenting

Meeting time: 11:22 AM

Meeting details: PHQASC-CORPERU.pptx, John Menezes - S...pptx

Participants: John Menezes, Rohan Subhakar Yadav, VINET MARLI, MARMUTHU KN, SUMET MATHRE, SURESH GALLI, suresha oshar

Meeting controls: Mute, Video, Raise hand, Turn on captions, Windows

Slide content:

"This pandemic has magnified every existing inequality in our society – like systemic racism, gender inequality, and poverty."

- Melinda Gates

- an American philanthropist and a former general manager at Microsoft.
- Co-Chair and Founder, Bill & Melinda Gates Foundation
- Consistently been ranked as one of the world's most powerful women by Forbes. <https://www.forbes.com/power/2019/08/01/melinda-gates/>

Meeting title: John Menezes is presenting

Meeting time: 11:44 AM

Meeting details: PHQASC-CORPERU.pptx, John Menezes - S...pptx

Participants: John Menezes, Rohan Subhakar Yadav, VINET MARLI, MARMUTHU KN, SUMET MATHRE, SURESH GALLI, suresha oshar

Meeting controls: Mute, Video, Raise hand, Turn on captions, Windows

Microsoft Teams Meeting: MARIMUTHU KN is presenting

11:50 AM

Introduction

The world has witnessed several epidemics such as the Spanish Flu of 1918, outbreak of HIV/AIDS, SARS (Severe Acute Respiratory Syndrome), MERS (Middle East Respiratory Syndrome) and Ebola.

In the past, India has had to deal with diseases such as the small pox, plague and polio. However, the novel Corona virus Covid-19 which originated in China in November-December, 2019 and over the next few months rapidly spread to almost all corners of the world has turned out to be one of the biggest health crisis in our history.

Meeting details: MARI... 11:50 AM

Microsoft Teams Meeting: MARIMUTHU KN is presenting

12:02 PM

DISEASE BURDEN

In all likelihood, the Indian economy, already facing the fallout of a slowdown, will suffer another shock as the spreading coronavirus begins to take its toll.

THE CAUSE 112 Total Cases, 13 States/UTs affected, 10 Total recovered, 2 Number of deaths

Growth to slow

Agency	YoY %
Moody's**	-5.3
OECD	-5.1
IMB	-5.2
Barclays*	-5.6
Fitch	-5.4

Market sinks**

Index	Change in %
Power	-23.1
IT	-16.3
FMCG	-16.3
Auto	-16

Trade factors

Exports: 2.9% (Apr 2020 - Feb 2021)
Imports: 2.9% (Apr 2020 - Feb 2021)

Turbulence hurts

Spicejet: 100% (Share price in ₹)
InSiG: 100% (US\$ share price)

Meeting details: MARI... 12:02 PM

Microsoft Teams Meeting: MARIMUTHU KN is presenting

12:04 PM

Meeting details: People (10), Chat, Add people

Meeting details: MARI... 12:04 PM

Microsoft Teams Meeting: SUMEET MHATRE is presenting

12:56 PM

Bharat B

Meeting details: MARI... 12:56 PM

Winners(if any):-	



University of Mumbai
Department of Students' Development

**15th Inter-Collegiate/Institute/Department Avishkar
Research Convention
AY-2020-21**

College: Pillai HOC College of Arts, Science and Commerce, Rasayani
(CODE: 5-16)

Zone: Raigad District

Consolidated Entry Form-I (for Research Proposal Registration Fees)

Sr.No	Category	Level	No. of Research Proposals	Total No. of Participants	Entry Fees per Research Proposal	Amount
1	Humanities, Languages and Fine Arts	UG			50	0
		PG			50	0
		PPG			50	0
		TH			50	0
2	Commerce, Management and Law	UG	3	10	50	150
		PG			50	0
		PPG			50	0
		TH			50	0
3	Pure Sciences	UG	3	11	50	150
		PG			50	0
		PPG			50	0
		TH			50	0
4	Agriculture and Animal Husbandry	UG			50	0
		PG			50	0
		PPG			50	0
		TH			50	0
5	Engineering and Technology	UG	2	2	50	100
		PG	2	2	50	100
		PPG			50	0
		TH			50	0
6	Medicine and Pharmacy	UG			50	0
		PG			50	0
		PPG			50	0
		TH	1	1	50	50
Grand Total			11	26		550



University of Mumbai
Department of Students' Development

**15th Inter-Collegiate/Institute/Department Avishkar
Research Convention
AY-2020-21**

College: Pillai HOC College of Arts, Science and Commerce, Rasayani
(**CODE: 5-16**)

Zone: Raigad District

Consolidated Entry Form-I (for Research Proposal Registration Fees)

Teacher Coordinator

College Seal

Principal

Date:

Place:



University of Mumbai
Department of Students' Development

**15th Inter-Collegiate/Institute/Department Avishkar
Research Convention
AY-2020-21**

College: Pillai HOC College of Arts, Science and Commerce, Rasayani (CODE: 5-16)
(Zone: Raigad District)

Consolidated Entry Form-II (for Registration of Research Proposal)

Category: Engineering and Technology

Level: UG

Sr.No	Research Proposal Title	Name	DOB	Class	Division	Roll No	PRN/PG Registration No.
1	Grad.Ly : An Android app development with Real time database and firebase cloud messaging.	Khodke Avinash Sampatrao (Presenter)	03/10/2000	THIRD YEAR	N.A.	28	2018016400763184
2	Android App for BSc.IT Notes with Text To Speech Technique (TTS)	Maurya Shalinee Anilkumar (Presenter)	03/08/2000	THIRD YEAR	N.A	34	2018016400762536

Level: PG

Sr.No	Research Proposal Title	Name	DOB	Class	Division	Roll No	PRN/PG Registration No.
3	SHOPPING WEBSITE AUTOMATION USING RPA.	Mishra Mukeshkumar Baljit	28/12/1998	SECOND YEAR		12	
4	STUDENT SENTIMENT ANALYSIS	Nair Vaishnavi	19/06/1997	FY		16	

Category: Commerce, Management and Law

Level: UG

Sr.No	Research Proposal Title	Name	DOB	Class	Division	Roll No	PRN/PG Registration No.
5	App to reconstruct the chara	Chauhan Vijay Denath	02/02/2000	SECOND YEAR	N.A	20	
6	UNSoSh... Might not say much but has a universe inside his head	Patil Jueelee Nandkishor (Presenter)	05/05/2002	SECOND YEAR	B	Bmsfin032104017	



University of Mumbai
Department of Students' Development

**15th Inter-Collegiate/Institute/Department Avishkar
Research Convention
AY-2020-21**

College: Pillai HOC College of Arts, Science and Commerce, Rasayani (CODE: 5-16)
(Zone: Raigad District)

Consolidated Entry Form-II (for Registration of Research Proposal)

7	UNSoSh... Might not say much but has a universe inside his head	Bele Pooja Komal	22/06/2001	SECOND YEAR	A	Bmsfin032104004	
8	UNSoSh... Might not say much but has a universe inside his head	Satkar Sakshi Kishor	24/10/2001	SECOND YEAR	B	Bmsfin032104021	
9	UNSoSh... Might not say much but has a universe inside his head	Ambavane Girija Nitin	05/01/2001	SECOND YEAR	A	Bmsfin032104001	
10	UNSoSh... Might not say much but has a universe inside his head	Rane Janhavi Dasharath	06/04/2002	SECOND YEAR	B	Bmsfin032104019	
11	Effect of Work Environment on Growth of a Company	Singh Amrish Kumar	31/07/2000	FIRST YEAR BMS	A	43	2020016401758754
12	Effect of Work Environment on Growth of a Company	Mishra Shivangi Kamlesh (Presenter)	09/08/2002	FIRST YEAR BMS	A	50	2020016401758994
13	Effect of Work Environment on Growth of a Company	Jain Tupali Sanjay	11/09/2002	FIRST YEAR BMS	B	89	2020016401762694
14	Effect of Work Environment on Growth of a Company	Emani Anam	19/06/2001	FIRST YEAR BMS	A	05	2020016401764855

Category: Medicine and Pharmacy

Level: TH

Sr.No	Research Proposal Title	Name	DOB	Class	Division	Roll No	PRN/PG Registration No.
15	Polymeric nanoparticles containing RD1 locus antigens as an alternative to BCG vaccine	Gopal Remya Madan (Presenter)	03/01/1982				

Category: Pure Sciences

Level: UG



University of Mumbai
Department of Students' Development

**15th Inter-Collegiate/Institute/Department Avishkar
Research Convention
AY-2020-21**

College: Pillai HOC College of Arts, Science and Commerce, Rasayani (**CODE: 5-16**)
(**Zone: Raigad District**)

Consolidated Entry Form-II (for Registration of Research Proposal)

Sr.No	Research Proposal Title	Name	DOB	Class	Division	Roll No	PRN/PG Registration No.
16	Portable recyclable machine for solid waste at Raigad District	Deulgaonkar Raghavendra Gopal	01/12/1999	THIRD YEAR	N.A	2	
17	Portable recyclable machine for solid waste at Raigad District	Das Roma Himanshu (Presenter)	22/12/1999	THIRD YEAR	N.A	1	
18	Portable recyclable machine for solid waste at Raigad District	Naik Mohmad farukh Nasir	01/12/2000	THIRD YEAR	N.A	6	
19	e-learning in a pandemic The science students' perspectives	Mali Riya Pradeep (Presenter)	02/03/2002	SECOND YEAR	N.A	21	2019016401770081
20	e-learning in a pandemic The science students' perspectives	Patil Krunali Gajanan	13/06/2002	SECOND YEAR	NA	27	2019019401765385
21	e-learning in a pandemic The science students' perspectives	Baikar Krupa Narendra	05/02/2001	SECOND YEAR	NA	03	2019016401765114
22	Drinking water in various vessels: A study	Bamugade Divya Sanjay (Presenter)	20/01/2002	SECOND YEAR		04	
23	Drinking water in various vessels: A study	Nemade Mokshada Govind	31/01/2002	SECOND YEAR		21	
24	Drinking water in various vessels: A study	Ahire Harshada Shivaji	01/01/2002	SECOND YEAR		01	
25	Drinking water in various vessels: A study	Gadge Krutika Ganesh	23/02/2002	SECOND YEAR		09	
26	Drinking water in various vessels: A study	Ghadge Srinath Vilas	20/06/2001	SECOND YEAR		11	

The information given above is authentic and correct as per our record



University of Mumbai
Department of Students' Development

**15th Inter-Collegiate/Institute/Department Avishkar
Research Convention
AY-2020-21**

College: Pillai HOC College of Arts, Science and Commerce, Rasayani (**CODE: 5-16**)
(**Zone: Raigad District**)

Consolidated Entry Form-II (for Registration of Research Proposal)

Teacher Coordinator

College Seal

Principal

Date:

Place:



University of Mumbai
DEPARTMENT OF STUDENTS' DEVELOPMENT

15th Inter-Collegiate / Institute / Department
Avishkar Research Convention
(On Virtual Platform)

RULES AND REGULATIONS
(ONLY FOR THE YEAR 2020-2021)

1. Introduction

In the present circumstances, it is not possible to organize Avishkar Research Convention as per regular mode. However, to keep the temperament of the research, the Board of Students' Development, University of Mumbai has decided to conduct this research activity on Virtual Platform. This year, as working in the laboratories would not be possible, therefore the convention will be based on the research proposal as well as preliminary work (if done) by the students.

There will be **two rounds** for the convention-

- 1) Selection Round (District/Zone Level)
- 2) Final Round (University Level)

In the selection round, the research proposal will be invited online. There will be no presentation of the research proposal. The submitted research proposal will be assessed by the juries as per the category and level and then selected research proposal will be invited for final round.

In the final round, students whose research proposals are selected for final round will be invited for online presentation in front of jury panel.

2. Categories and Levels

Students of the University of Mumbai are allowed to participate in any of the following category / discipline irrespective of their own discipline / course-

Categories / Disciplines

Category 1: Humanities, Languages and Fine Arts

Category 2: Commerce, Management and Law

Category 3: Pure Sciences

Category 4: Agriculture and Animal Husbandry

Category 5: Engineering and Technology

Category 6: Medicine and Pharmacy

Students can participate in any of the above categories as per the levels whichever suits them as indicated below-

Levels

Level 1: Undergraduate Students (UG)

Level 2: Postgraduate Students (PG)

Level 3: Post PG Students (PPG)

Level 4: In-service Teachers (TH)

3. Areas Covered under each Category

Category 1: Humanities, Languages and Fine Arts

It covers research areas like languages, social sciences, fine arts, education, humanities and other related fields which are of social interest like agricultural extension, preventive medicine and veterinary sciences, etc.

Category 2: Commerce, Management and Law

It covers research areas like commerce, accountancy, management, banking, insurance, law and other fields where these disciplines are applicable.

Category 3: Pure Sciences

It covers areas like all basic sciences, soil sciences, home sciences and other fields like biotechnology, microbiology, environmental sciences, life sciences, biochemistry, biophysics, bioanalytical, etc.

Category 4: Agriculture and Animal Husbandry

It covers areas like horticulture, agriculture, agronomy, entomology, fisheries, animal husbandry and other fields like biotechnology, microbiology, biophysics, biochemistry, bioanalytical chemistry, etc. where agricultural and animal husbandry aspects are covered.

Category 5: Engineering and Technology

It covers all branches of engineering and technology. It also includes computer science, information technology, agricultural engineering, food technology, dairy technology, biophysics, biomedical and biosensor, etc. where engineering and technology aspects are covered.

Category 6: Medicine and Pharmacy

It covers all branches of medicine and pharmacy. It also includes veterinary medicine, preventive medicine, epidemiology, clinical studies, etc.

4. The General Eligibility Criteria for Participation

- **The student must be a full time bonafide student enrolled under University of Mumbai for UG / PG / M.Phil. / Ph.D. programme or any diploma course of a minimum duration of one academic year.**
- Students enrolled in correspondence course in Recognized Institute / Centres or Departments of University of Mumbai **are not eligible.**
- Casual students, external students and students pursuing only bridge course from University of Mumbai and Colleges / Recognized Institutes affiliated to University of Mumbai **are not eligible.**
- Students having provisional admission **are not eligible.**
- Student can represent only that *College / Recognized Institute / Department of University of Mumbai* from where he/she is pursuing his/her degree / diploma.
- Student should have valid identity card of the *College / Recognized Institute / Department of University of Mumbai* from where he/she is pursuing his/her degree / diploma.
- Student migrating from other University can participate only when his / her admission is regularized and he / she gets admitted as a bonafide student.
- **Students from any discipline can participate in any category to which their research proposal fits.**
- **Students can present their research proposal in a group with maximum number of students not exceeding five.**
- **Student can not participate in more than one group.**
- Student can present their research proposal in English or Marathi or Hindi language.
- Any disqualification of participant from the given criteria may result in removal of the contingent from the Avishkar Research Convention and the candidate also will be debarred from participating in the Avishkar Research Convention to be held in the following year.
- Ethics of research must be delicately observed by students and his / her mentor.

5. Eligibility Criteria for Categories and Levels

The rules for each level are as follows-

Undergraduate Students (UG)

- a) Student pursuing any bachelor degree or diploma (of duration not less than one academic year) after their 12th class examination and enrolled under University of Mumbai is eligible.
- b) The age of the student should not be more than **25 years** as on June 30, 2021.

Post-Graduate Students (PG)

- a) Student pursuing any master degree or post graduate diploma (of duration not less than one academic year) after their degree examination and enrolled under University of Mumbai is eligible.
- b) The age of the student should not be more than **30 years** as on June 30, 2021.

Post PG Students (PPG)

- a) Student acquired post graduate degree / diploma and pursuing / duly registered for M.Phil. / Ph.D. / D.Sc. / D.Litt. degree under University of Mumbai is eligible.
- b) Student pursuing Post-doctoral Research under University of Mumbai is also eligible.
- c) Student who has submitted their synopsis / thesis for his/her M.Phil. / Ph.D. degree and his/her viva-voce examination is awaited is also eligible.
- d) Student who has successfully completed his/her viva-voce examination for his/her M.Phil. / Ph.D. Degree is not eligible.
- e) There is **no age limit** for the Post PG students.

Teachers (TH)

- a) Teacher must be an approved teacher of the University of Mumbai.
- b) Teacher must be pursuing his/her M.Phil. / Ph.D. degree and must be registered under University of Mumbai.
- c) Teacher who has submitted his/her synopsis / thesis for his/her M.Phil. / Ph.D. degree and his/her viva-voce examination is awaited is also eligible.
- d) Teacher who has successfully completed his/her viva-voce examination for his/her M.Phil. / Ph.D. degree is not eligible.
- e) There is **no age limit** for the teacher.

6. Mode of Convention / Competition

There will be two rounds -

1. Selection Round (District/Zone Level)
2. Final Round (University Level)

• Selection Round

- Each *Affiliated College / Recognized Institute / University Department* can depute maximum 48 research proposals for the Selection Round, not exceeding 6 research proposals in each level per category.
- Each *Affiliated College / Recognized Institute / University Department* will submit the detailed Research Proposal **online** in the **PDF format**. The necessary fields and word limit are as specified below.
- Each Research Proposal will have following sections-

Section	Limit
(a) Title*	Maximum 15 Words
(b) Rationale and Gap Analysis (Justified with Suitable Literature)*	Maximum 500 Words
(c) Objectives*	Maximum 5
(d) Hypothesis	Maximum 2
(e) Research Design and Methods / Research Methodology*	Maximum 500 Words
(f) Preliminary Work / Survey	Maximum 300 Words
(g) Expected Outcome/s*	Maximum 300 Words
(h) Benefits to the Society*	Maximum 300 Words
(i) Cost Benefit Analysis	Maximum 200 Words
(j) Future Scope*	Maximum 200 Words
(k) SWOC Analysis / Limitations*	Maximum 200 Words
(l) References (Important Only)*	Maximum 20

**These fields are mandatory while writing the research proposal.*

- The research proposal which does not adhere to the above mentioned sections and the word limit will not be considered for the evaluation.
- The mandatory field should be the part of the research proposal, however, the non-mandatory fields can be chosen while writing the research proposal as per the need of the subject. Do not change the title of the sections.
- **Do not mention the name of the participant or the *college/institute/department* in the research proposal.**
- The college has to upload the complete research proposals of the students on the portal. **The research proposal will be in the PDF format and size of the PDF will not be more than 20 MB.**

- The research proposals will be evaluated by the jury panel.
 - The short-listed research proposals will be eligible for the Final Round which will be displayed on the homepage of the www.unimumbaid.com
- **Final Round**
 - The Final Round will be on the Virtual Platform and the shortlisted research proposals from Selection Round will be presented by the students in front of the jury panel.
 - The link of the virtual platform will be provided to the student participant / college on Registered Email ID of the Student and Teacher Co-ordinator, two hours before the commencement of competition.
 - Student can present their research proposal in English or Marathi or Hindi language.
 - The presentation will be for 6 minutes followed by 4 minutes question answer / discussion. However, the time of question answer / discussion may vary according to the judges' choice.
 - Videos of prototype / models / working models / proposed models can also be presented within the allotted 6 minutes.
 - Best research proposals per category per level will be selected.

7. Guidelines for making of Presentation

- The presentation can be made by using any tool or application but the supporting file/s or software must be installed in the presenter's device to avoid the last-minute delay/chaos.
- Keep your presentation handy, possibly on the clean desktop.
- Use minimum text on the slide/s.
- Make use of suitable pictures / diagrams / graphs / tables, etc. in the presentation.
- Keep the slides limited so as to finish presentation within the required time specified for competition.
- The title and the slot number (to be displayed on the portal two days prior to the competition) of the research proposal should be mentioned on the first slide.
- Do not mention the name of the participant or the *college/institute/department* on any of the slides.
- Introduce yourself only with a slot number and do not reveal the identity or name of the *college/institute/department* during the presentation.

8. Online Registration for Participation

- Every interested *College / Recognized Institute / University Department* shall register themselves online on the portal available on the website **www.unimumbaidsd.com**
- **Steps for Registration**
 - Sign-up
 - Details of the College
 - Details of the Principal / Director / Head
 - Details of the Teacher Co-ordinator
 - Details of the Student Co-ordinator (Male)
 - Details of the Student Co-ordinator (Female)
 - Details of the Research Proposal
 - Details of the Participating Student/s
 - Details of Mentor/s

9. Registration Fees

- The Registration Fees is Rs. 50 per research proposal.
- The Registration Fees will be charged for Zonal / District level only and it will not be charged for University level.
- The Registration Fees is to be paid through cheque along with printouts of Consolidated Entry Form. The cheque should be drawn in favour of '**Finance and Accounts Officer, University of Mumbai**'. In any case Registration Fees will not be accepted in cash. The *College / Recognized Institute / University Department* shall send the cheque along with printout of Consolidated Entry Form to the Director, Department Students' Development, First Floor, Vidyapeeth Vidyarthi Bhavan, 'B' Road, Chrchgate, PIN.-400 020.
- The Registration Fees will not be refunded under any circumstances even though the entries are cancelled.

10. Criteria for Evaluation

- **Selection Round**

Innovation / Ideation (30 Marks)	<ul style="list-style-type: none">▪ Scientific quality and innovation▪ Novelty of the proposed work (In terms area of work / method / time required / efficiency of the technique / economy, etc.)▪ Integration of multidisciplinary elements▪ Quality and creativity▪ Originality
---------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<p>Study Design and Methodology (30 Marks)</p>	<ul style="list-style-type: none"> ▪ Formulating hypothesis (Whenever applicable) ▪ Adequate description of the context of the research ▪ Scientific and/or technological excellence (Understanding of the concept and quality of objectives) ▪ Relevance to the objectives ▪ Application of sound investigative methodology ▪ Clear explanation of the methods and its relevance to the stated goals ▪ Major findings and outcomes reported ▪ Clarity, coherence and appropriateness of the study design ▪ Compliance with ethical principles ▪ Organization and logical flow of ideas and materials
<p>Feasibility (20 Marks)</p>	<ul style="list-style-type: none"> ▪ Quality and efficiency of implementation and management ▪ Validation of the objectives ▪ Reproducibility and efficiency ▪ Sustainability ▪ Appropriateness, effectiveness and feasibility of the overall implementation and integration ▪ Cost effectiveness
<p>Social Relevance (20 Marks)</p>	<ul style="list-style-type: none"> ▪ Appropriateness and relevance of the problem investigated ▪ Significance and possible contribution to social benefits ▪ Potential for impact through the development and use of study results ▪ Prospects of wider application

- **Final Round**

Innovation / Ideation (20 Marks)	<ul style="list-style-type: none"> ▪ Scientific quality and innovation ▪ Novelty of the proposed work (In terms area of work / method / time required / efficiency of the technique / economy, etc.) ▪ Integration of multidisciplinary elements ▪ Quality and creativity ▪ Originality
Study Design and Methodology (25 Marks)	<ul style="list-style-type: none"> ▪ Formulating hypothesis (Whenever applicable) ▪ Adequate description of the context of the research ▪ Scientific and/or technological excellence (Understanding of the concept and quality of objectives) ▪ Relevance to the objectives ▪ Application of sound investigative methodology ▪ Clear explanation of the methods and its relevance to the stated goals ▪ Major findings and outcomes reported ▪ Clarity, coherence and appropriateness of the study design ▪ Compliance with ethical principles ▪ Organization and logical flow of ideas and materials
Feasibility (20 Marks)	<ul style="list-style-type: none"> ▪ Quality and efficiency of implementation and management ▪ Validation of the objectives ▪ Reproducibility and efficiency ▪ Sustainability ▪ Appropriateness, effectiveness and feasibility of the overall implementation and integration ▪ Cost effectiveness
Social Relevance (15 Marks)	<ul style="list-style-type: none"> ▪ Appropriateness and relevance of the problem investigated ▪ Significance and possible contribution to social benefits ▪ Potential for impact through the development and use of study results ▪ Prospects of wider application

<p>Presentation Skills (20 Marks)</p>	<ul style="list-style-type: none"> ▪ Delivery attributes (speed, clarity, poise, recitation, etc.) ▪ Confidence ▪ Quality of images / graphics used in presentation ▪ Effective use of visuals / graphs / charts, images used in presentation ▪ Ability to complete presentation within the time limit ▪ Clear, concise, thoughtful responses to questions ▪ Involvement of fellow colleagues and work distribution among them (whenever applicable)
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- **Awards and Honours**

- **Selection Round**

Certificate of Participation

Every participant and his/her mentor will receive the e-Certificate of Participation.

Certificate of Merit

The participants and their mentors whose research proposals are qualified for Final Round will receive the e-Certificate of Merit.

Zonal / District Championship

Certificate for Zonal / District Championship will be given to the *College / Recognized Institute / University Department* whose maximum research proposals are qualified from the particular Zone / District for Final Round.

- **Final Round**

Certificate of Participation

Every participant and his/her mentor will receive the e-Certificate of Participation.

Certificate of Merit

The participants and their mentors whose research proposals secured First Rank, Second Rank, Third Rank and Consolation shall receive the e-Certificate of Merit.

Category-wise Championship

Certificate for the Category-wise Championship will be given to the *College / Recognized Institute / University Department* scoring maximum points in a particular category.

The calculation of the points shall be done on the basis of 3 points for First Rank, 2 points for Second Rank and 1 point for Third Rank.

Overall Championship

Rotating Overall Championship Trophy and Certificate shall be given to the *College / Recognized Institute / University Department* who scores maximum points at the Final Round.

The calculation of the points shall be done on the basis of 3 points for First Rank, 2 points for Second Rank and 1 point for Third Rank.

Overall Runner Championship

Rotating Overall Runner Championship Trophy and Certificate shall be given to the *College / Recognized Institute / University Department* who scores second best maximum points at the Final Round.

The calculation of the points shall be done on the basis of 3 points for First Rank, 2 points for Second Rank and 1 point for Third Rank.

Overall Second Runner Championship

Rotating Overall Second Runner Championship Trophy and Certificate shall be given to the *College / Recognized Institute / University Department* who scores third best maximum points at the Final Round.

The calculation of the points shall be done on the basis of 3 points for First Rank, 2 points for Second Rank and 1 point for Third Rank.

Ten Grace Marks

All the participants securing First Rank, Second Rank and Third Rank from every level of each category shall be awarded with ten grace marks as per University Ordinance 0.229 after completion of the necessary formalities by the Examination Cell of the *College / Recognized Institute / University Department / University of Mumbai*. The Teacher Co-ordinator and/or concerned participant/s should download the Letter of Award for 10 Grace Marks from the website **www.unimumbaidsd.com** and complete the formalities as per the circular to be issued by Director, Students' Development in this concern.

**Committee for Revision of Rules and Regulations for
15th Inter-Collegiate / Institute / Department
Avishkar Research Convention**

Dr. Sunil Patil	Director, Department of Students' Development, University of Mumbai	Chairman
Dr. (Mrs.) Minakshi Gurav	O.S.D., Avishkar Research Convention, University of Mumbai	Member
Dr. Sasi Menon	Director, Institute for Advanced Training and Research in Interdisciplinary Sciences, Sion, Mumbai	Special Invitee
Prof. (Dr.) Sunita Shailajan	Former Head, Department of Botany and Dean, Research, PI, DST-SERB, Ramnarain Ruia College (Autonomous), Matunga, Mumbai	Special Invitee
Dr. Bhushan Langi	Satish Pradhan Dnyanasadhana College, Thane	Member
Dr. Milind Kulkarni	Rishi Dayaram College and Seth Hassaram National College and Seth Wassiamull Assomul Science College, Bandra, Mumbai	Member
Ms. Roopa Rao	Nirmala Niketan College of Home Science, Churchgate, Mumbai	Member
Ms. Vrushali Kaneri	R.A. Podar College of Commerce and Economics, Matunga, Mumbai	Member

TrackAct - Activity Tracker

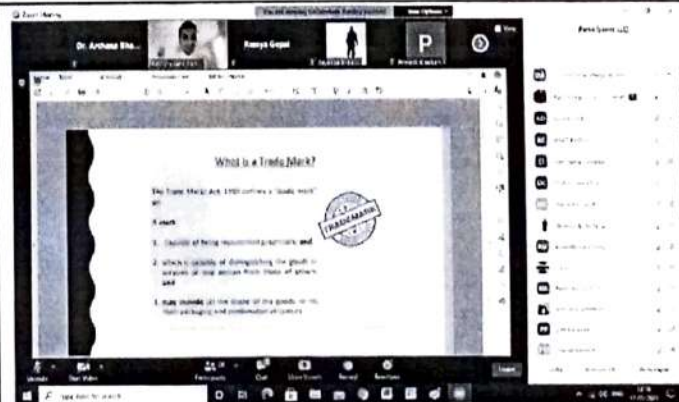
Name of the event :-	A WEBINAR ON INTRODUCTION TO IPR AND TRADEMARK INFRINGEMENT
Conducted by:-	Intellectual Property Rights Cell and Internal Quality Assurance cell
Date:-	May 17, 2021
Venue/ Online Platform:-	ZOOM
Activity Falls under Criterion/Criteria:-	Criterion 3
Convenor:-	Dr. Jayanta Kumar Behera
Co-Convenor: - (if any)	-
Number of participants benefitted:-	31
Report:-	Greetings!!! Dear All Intellectual Property Rights Cell in association with Internal Quality Assurance Cell (IQAC) has successfully organised a webinar on Introduction to IPR and Trademark Infringement on May 17, 2021.

Adv. Ravi Pandey, an active practitioner of Law in respect of Copyright Violation and Intellectual Property Rights was the respected resource person for this event. Our resource person elucidated the delegates about conceptions and misconceptions related to Trademark. He also promoted awareness in respect of authorization of trademarks and protection to Intellectual Property. The session was very edifying and illuminating and it benefited delegates with the profound knowledge of the legal significance of Intellectual Property Rights and vital role of copyrights and trademarks in research Development. The speaker further illustrated his ideas with the demonstration of remarkable examples such as Kodak, Plaintiff- Pidilite etc . The webinar culminated with a question and answer session and positive feedback from the participants.

We owe a great deal of gratitude to Dr. Lata Menon, Principal, PHCASC for her constant support and guidance. We would like to place on record appreciation towards our Vice-Principal Mr.Binit Sir.

Thanks & Regards
Intellectual Property Rights Cell
& IQAC.

Photos:-



Zoom Meeting: To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

Internal Quality Assurance Call
 Intellectual Property Rights Call
 Jointly Co-located
 Introduction to IS&A
 Trademark Infringement
 Business Process / All New Panels

Monday, 17 May 2021
 Time: 10:30 AM - 12:30 PM

Internal Quality Assurance Call
 Intellectual Property Rights Call
 Jointly Co-located
 Introduction to IS&A
 Trademark Infringement
 Business Process / All New Panels

Monday, 17 May 2021
 Time: 10:30 AM - 12:30 PM

Internal Quality Assurance Call
 Intellectual Property Rights Call
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 Business Process / All New Panels

Monday, 17 May 2021
 Time: 10:30 AM - 12:30 PM

Track Act -Activity Tracker

Name of the event :-	Patent Filing Procedure
Conducted by:-	IQAC in association with IPR
Date:-	January 05, 2021
Venue/ Online Platform:-	Online GMeet
Activity Falls under Criterion/Criteria:-	Criterion III
Convenor:-	Dr. Jayanta K. Behera
Co-Convenor: - (if any)	Remya Madan Gopal
Number of participants benefitted:-	35
Report:-	<p style="text-align: center;">Mahatma Education Society's Pillai HOC College of Arts, Science and Commerce , Rasayani</p> <p style="text-align: center;"><u>Report on a Webinar on Patent Filing Procedure</u></p>

Internal Quality Assurance Cell (IQAC) in association with Intellectual Property Rights (IPR) Cell, PHCASC organised a webinar on, Patent Filing Procedure, on 05 January 2021 to create awareness on the importance of Patents in the current scenario and to elaborate the procedure of filing a patent. A total of 35 participants attended the webinar.

The guest of honour for the said event was introduced by Prof. Remya Madan Gopal


Mr. Jitendra K. Choure, Assistant Controller, Patent & Designs.

Mr. Jitendra K. Choure began by highlighting the importance of filing a patent. He then proceeded to elucidate the objects of patent law, who all can file such a patent application and where such a patent can be filed by the concerned person. Step by step process of filing a patent was explained by the resource person in layman terms to ensure clarity. The concept of provisional specification and complete specification was explained in detail for the benefit of all the attendees. Mr. Choure explained the role of the power of attorney in filing a patent and the numerous forms that need to be filled to complete the entire procedure. The role of a Cognate application was explained. He also explained concepts of Post-dating, Pre-grant and Post-grant. He concluded by explaining the review petition, how a said petition can be filed and the specific role of a withdrawal application.



Finally, Sir addressed the queries of all the students in a Q & A session which was followed by the vote of thanks by Dr. Jayanta K. Behera. The feedback link was shared with the attendees.

Photos:-


Mahatma Education Society's
**Pillal HOC College of Arts, Science and
 Commerce, Rasayani**
 (NAAC Accredited)



Internal Quality Assurance Cell (IQAC)
in association with
 Intellectual Property Rights (IPR) Cell
organizes
**A webinar on
 Patent Filing Procedure**

Resource person
Mr. Jitendra K. Choure
 Assistant Controller, Patent & Designs
 Mumbai Patent Office




Tuesday | 5 January 2021 | 11:30 AM-12:30 PM

Jayanta Kumar Bohara is presenting

Pre Grant Opposition

- (Section 25(1)) Upon publication, but before the grant of patent any person, based on different grounds may file a pre grant opposition, in writing, represent by way of opposition to the Controller against the grant of patent.
- However the opposition will be taken by the patent office only after the filing of Request for Examination.




Active Windows

Jayanta Kumar Bohara is presenting

Form 2

- Title of the invention
- Field of the invention
- Background of the invention (PRIOR ART)
- Object of the invention
- Summary of the invention
- Brief description of drawings, if any
- Detailed description of the invention
- Examples
- Claims- not required in provisional
- Abstract- not required in provisional



The screenshot shows a Google Meet interface. The main content is a presentation slide with the following text:

Opposition

- Pre grant opposition
- Post grant opposition

On the right side of the meeting window, there is a grid of participant icons. The top row includes Jayanta Kumar Bhowra (presenting) and Priyanka Sarka. Other visible participants include V, Vaidika Pratih, D, Duriana Pratih, P, Piyush Kankon, and Aditya Saha. The bottom of the window shows the Windows taskbar with the search bar and system tray.



**Mahatma Education Society's
Pillai HOC College of Arts, Science and
Commerce, Rasayani
(NAAC Accredited)**



Internal Quality Assurance Cell (IQAC)

in association with

Intellectual Property Rights (IPR) Cell

organizes

A webinar on

Patent Filing Procedure



Resource person

Mr. Jitendra K. Choure

**Assistant Controller, Patent & Designs
Mumbai Patent Office**

Tuesday | 5 January 2021 | 11: 30 AM-12.30 PM

Track Act -Activity Tracker

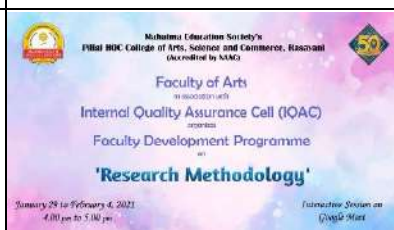
Name of the event :-	Faculty Development Programme – Six Days Seminar on Introduction to Research Methodology
Conducted by:-	Internal Quality Assurance Cell's (IQAC) initiative, Career Counselling Cell in association with the Department of BAMMC
Date:-	January 29, 2021 – February 04, 2021
Venue/ Online Platform:-	Google Meet
Activity Falls under Criterion/Criteria:-	Criterion III
Convenor:-	Mr. Prathamesh Gokhale
Co-Convenor: - (if any)	Mr.Priyesh Keekan Ms. Ashvini Satve
Number of participants benefitted:-	35
Report: -	<p style="text-align: center;">Mahatma Education Society's Pillai HOC College of Arts, Science and Commerce , Rasayani</p> <p style="text-align: center;">Report on Faculty Exchange Programme - Six Days Seminar on Introduction to Research Methodology</p> <p>The in association with Internal Quality Assurance Cell organized One Week Faculty Development Programme on "Research Methodology" from January 29 to February 05, 2021 from 4.00 to 5.00 pm every day</p>



through google meet. The programme intended to furnish the teaching fraternity with ideas of research to cope up with modern day challengers. Six vibrant speakers including our in- house two speakers shared their expertise with faculty members of Pillai HOCcollege of Arts Science and Commerce in these session with interactive Question and answer session at end of every session.

The following were topic covered in FDP:-


- 1) **Day: 1** :- Introduction to research speaker Mr. Priyesh Keekan Raghvan. The speakers very explained the topic research and how it can be carried out while doing and research and what problems we faced during the research.
- 2) **Day:2**:- Research problem and literature Review: Speaker Dr. Rajesh Vishnu yeole. The speaker explained completely about the literature review and how its important while writing proposal.
- 3) **Day:3** - Types of Research and hypothesis: speaker Dr. Dhananjay Prabhakar. The speaker explained the different types of research and how to choose the topic and lighten the important of Hypothese.
- 4) **Day 4**:- Research Design and Bibliography: Dr. Neeta Mahendra Khandepkar. The speaker explain the research design and how to write bibliogphy. In very simple way she explained how to frame design and interest which lead your research is important and also put highlight on bibliography.
- 5) **Day 5**:- Questionaries and Data collection: Dr. Jayanta Kumar Behera. The speakers explain how to make questionarrie what kind of question should be framed and collection of data
- 6) **Day 6**:- Research methodology: Dr. Mahendra Madhukar Khandpekar. The speaker explained the research methodology and even explain different methodology.

Photos:-






Mahatma Education Society's
Pillai HOC College of Arts, Science and Commerce, Rasayani
 (Accredited by NAAC)
 

DAY 2
Research Problem and Literature Review
 Speaker of the Session




Dr. Rojesh Vishnu Yeole
 Head, Department of English
 C.J.K Thakur A.C.S College, New Panvel

January 29 to February 4, 2021
 4.00 pm to 5.00 pm
 Interactive Sessions on
Google Meet




Mahatma Education Society's
Pillai HOC College of Arts, Science and Commerce, Rasayani
 (Accredited by NAAC)
 

DAY 3
Types of Research and Hypothesis
 Speaker of the Session



Dr. Dhananjay Prabhakar Deolalkar
 Associate Professor,
 Government Vidarbha Institute of Science and Humanities, Amravati.



January 29 to February 4, 2021
 4.00 pm to 5.00 pm
 Interactive Sessions on
Google Meet


Mahatma Education Society's
Pillai HOC College of Arts, Science and Commerce, Rasayani
 (Accredited by NAAC)
 

DAY 4
Research Design and Bibliography
 Speaker of the Session

Dr. Neeta Mahendra Khandpekar
 Dept of History,
 University of Mumbai



January 29 to February 4, 2021
 4.00 pm to 5.00 pm
 Interactive Sessions on
Google Meet


Mahatma Education Society's
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DAY 5
Questionnaire and Data Collection
 Speaker of the Session

Dr. Jayant Kumar Behera
 Dept of Science,
 Pillai HOC College of Arts, Science and Commerce

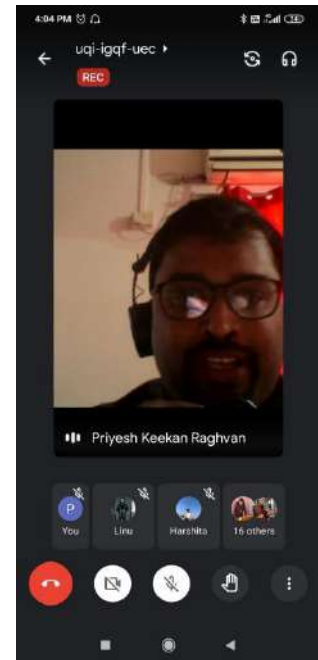
January 29 to February 4, 2021
 4.00 pm to 5.00 pm
 Interactive Sessions on
Google Meet

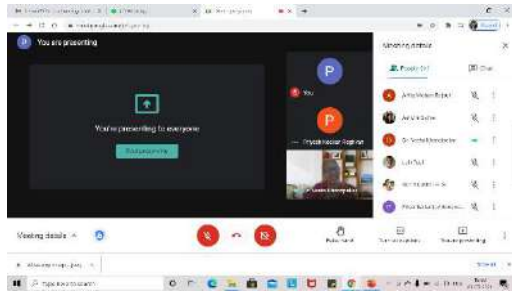

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DAY 6
Tips for PET Exam Preparation
 Speaker of the Session

Dr. Mahendra Madhukar Khandpekar
 Dept of Physics University of Mumbai

January 29 to February 4, 2021
 4.00 pm to 5.00 pm
 Interactive Sessions on
Google Meet





TrackAct - Activity Tracker

Name of the event :-	A SESSION OF EXPERT TALKS ON SPACE SCIENCE
Conducted by:-	Research and Development Cell and Internal Quality Assurance cell
Date:-	May 31, 2021
Venue/ Online Platform:-	ZOOM
Activity Falls under Criterion/Criteria:-	Criterion III
Convenor:-	Ms. Remya Madan Gopal
Co-Convenor: - (if any)	Mr. Ravi Bari
Number of participants benefited:-	303
Report:-	<p>Greetings!!!</p> <p>Dear All</p> <p>Research and Development Cell in association with Internal Quality Assurance Cell (IQAC) has successfully organised a session of expert talks on space science on May 31, 2021.</p> <p>Dr. Kuldeep Pandey, Post-Doctoral fellow at Department of Physics</p>

and Engineering Physics, University of Saskatchewan, Canada and in house speaker Dr. Jayanta Kumar Behera from department of Physics, Pillai HOC College of Arts, Science and Commerce, were the respected resource persons for this event. Our resource persons elucidated the delegates about space science.

Both the speakers shared their expertise and experiences of space research and Antarctica stay. The session was very edifying and illuminating and it benefited delegates with the profound knowledge of space science. Dr. Kuldeep Pandey talked about rocket based observations, EEJ changes, CME and ionospheric changes and radio wave propagations. Dr. Jayanta Kumar Behera explained the horizon of Space physics, latitudinal aspects of Space Science, location of Antarctica, important facts about Antarctica and experiments carried out at Antarctica. Sir has also explained the concept of aurora formation and cause of ozone hole in detail.

The webinar culminated with a question and answer session and positive feedback from the participants.

We owe a great deal of gratitude to Dr. Lata Menon, Principal, PHCASC for her constant support and guidance. We would like to place on record appreciation towards our Vice-Principal Mr. Binit Sir.

Thanks & Regards
Research and Development Cell
& IQAC.

Photos:-



Zoom Meeting Pillai HOC College of Arts, Science and Commerce

Archana Bhagwat Vishakha B Nazmal Islam Remya Gopal Shruti Sonevare

PILLAI HOC COLLEGE OF ARTS, SCIENCE AND COMMERCE, RASAYANI
(Accredited by NAAC)

Internal Quality Assurance Cell
in association with
Research & Development Cell
ORGANISES
A SESSION OF EXPERT TALKS ON SPACE SCIENCE

Dr. Kuldeep Pandey
Post-doctoral Fellow
Department of Physics and Engineering
Physics
University of Saskatchewan, Saskatchewan, Canada

Dr. Jayant Behera (POLAR MAN)
Assistant professor,
Department of Physics
Pillai HOC College of Arts, Science and Commerce, Rasayani

14:01 11-08-2021

Zoom Meeting Pillai HOC College of Arts, Science and Commerce

Solar storm



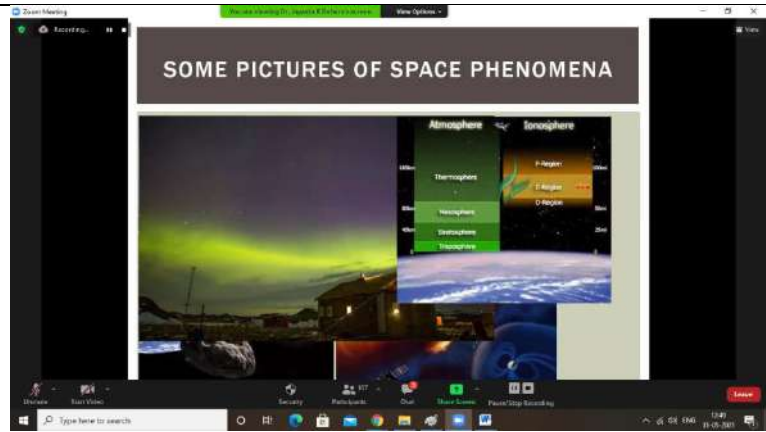
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Zoom Meeting Pillai HOC College of Arts, Science and Commerce

Dr. Jayanta K Behera (M.Sc., Ph.D.)
Assistant Professor and HOD
B.Sc. Program
Pillai HOC College of Arts, Science and Commerce, Rasayani

- > PhD from Indian Institute of Geomagnetism (Dept. of Science and Technology), Mumbai, M.Sc. From National Institute of Technology(NIT), Rourkela, Odisha
- > Worked as Research Scientist at Indian Institute of Geomagnetism
- > A member of XXXIII Indian Scientific Expedition to Antarctica during PhD tenure and stayed more than 400 days
- > Published significant first and corresponding authored international publications with an avg. Impact factor of 2.36
- > Awarded with DST fellowship (JRF and SRF) for PhD work
- > First person from India working with the instrument "Imaging Riometer (a Passive RADAR)"
- > International collaborations with NASA, Lancaster Univ. (UK) and Inst. of Physics of the Earth, Russia
- > Membership of Indian Geophysical Union, American Geophysical Union, Committee on Space Research (COSPAR), Ministry of Earth Science (MOES)...etc
- > Presented/ published/attended more than 30 National/International conferences
- > Reviewer of reputed Journal such as Journal of Geophysical Research, Advances in Space Physics...

14:01 11-08-2021



Track Act -Activity Tracker

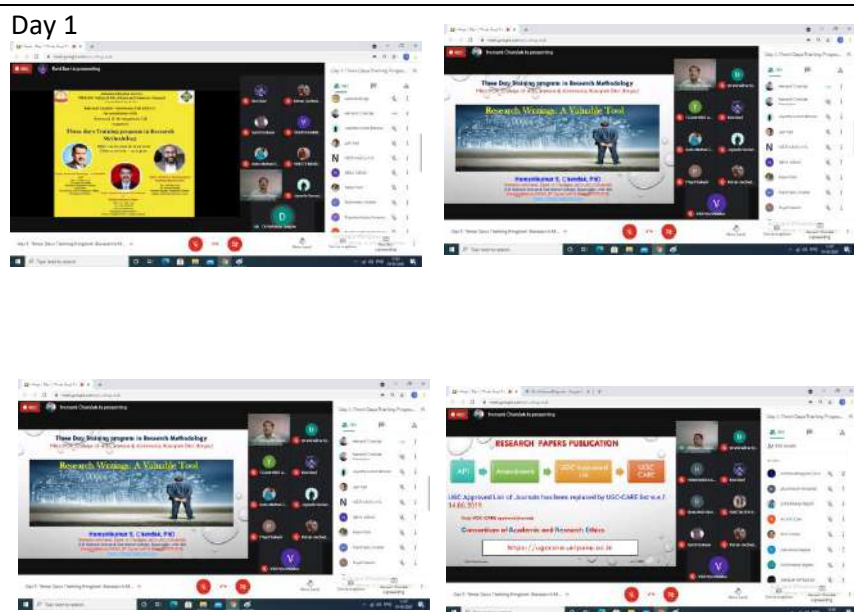
Name of the event :-	Three Days Training Program in Research Methodology
Conducted by:-	Internal Quality Assurance Cell (IQAC) in association with Research and Development cell
Date:-	May 19, 2021 –May 21, 2021
Venue/ Online Platform:-	Google Meet
Activity Falls under Criterion/Criteria:-	Criterion III
Convenor:-	Dr .Vishakha Telgote
Co-Convenor: - (if any)	Dr. Archana Bhagwat
Number of participants benefitted:-	57
Report: -	Mahatma Education Society's Pillai HOC College of Arts, Science and Commerce , Rasayani Report on Faculty Exchange Programme - Three Days Training Program in Research Methodology Internal Quality Assurance Cell (IQAC) in association with Research and Development cell organizes "Three Days Training Program in

Research Methodology ” from May 19 to May 21, 2021 from 11.00 to 12.30 pm every day through google meet. The programme intended to furnish the teaching fraternity with ideas of research to cope up with modern day challengers. Three vibrant speakers shared their expertise with faculty members and students of Pillai HOC college of Arts Science and Commerce. Session involves an interactive Question and answer session at the end of every day training Program.

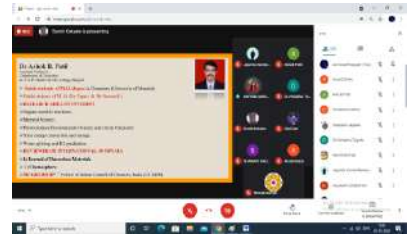
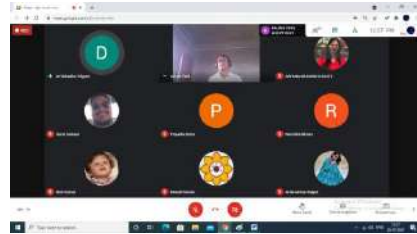
The following were topic covered in FDP:-

- 1) **Day: 1** :- Topic: Research Writings –A Valuable tool, speaker Dr. Hemant Chandak Professor of Chemistry and IQAC Coordinator G.S Science,Arts and Commerce College ,Khamgaon , Buldhana. The speakers very well explained the topic of research writing from basic concepts and how research can be carried out. Also, they explained the use of different software while writing papers or proposals.
- 2) **Day:2:-** Topic: Systematic literature Review and research Writings , Speaker Dr. Dr Ashok B Patil Assistant Professor.K.T.S.p Mandal's K.M.C College Khopoli. The speaker explained completely about the literature review and how it's important while writing a proposal. Explained about various search engines for literature review and also explained about the different types of research.
- 3) **Day:3** - Topc: Research Methodology and Funding Opportunities Resource Person Dr. Dinesh Sawant Scientist Organic Chemistry Department National Chemical Laboratory Pune. The speaker nicely explained about Proposal writing in an effective manner ,requirement of funding agencies ,how to approach different funding agencies. Different schemes available for funding.

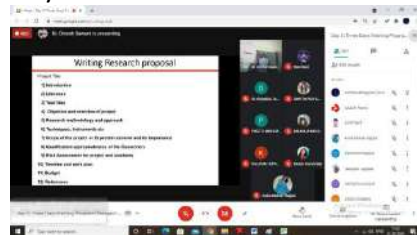
Photos:-



Day 2



Day 3



List Of Resource Persons

2019-20		
1	One week National level FDP ON IPR	DV. Pranit Dhanavade Lawgical Legal Solutions 7666704919
2	Innovation IPR and Enterprenurship	Vijaykumar Shivpuje Director Patlex Bussiness Solution Contact no.09768665354 KPO Mentor of change ,Atal innovation Mission ,NITI AYOg, Govt.of India
3	Recent trends in Interdisciplinary Research In Basic Scienc	Dr. Sunil S. Patil Assistant Professor, Department of Chemistry, Changu Kana Thakur Arts, Commerce and Science College, New Panvel, Contact No.9821045632
4	Emerging trends in Computer Science and Information Techn	Dr. Parikshit Mahalle ,M.E., Ph.D.(Computer Engineering), Senior Member IEEE, LMISTE, LMCSI, Member ACM, Member IAENG (H.K.), Professor & Head of Department of Artificial Intelligence and Data Science, Bansilal Ramnath Agarwal Charitable Trust's, Vishwakarma Institute of Information Technology, Pune , Mob.: +91-9822416316,+91-9307941193
2020-21		
5	3 Days training program in RM	Dr. Hemant Chandak Professor Professor of Chemistry and IQAC Coordinator G.S Science,Arts and Commerce College ,Khamgaon , Buldhana. email id: chemants@gmail.com
6	Expert talk on space science	Dr. Kuldeep Pandey, Post-Doctoral fellow at Department of Physics and Engineering Physics, University of Saskatchewan, Canada Kuldeepak@prl.res.in, KuldeepPandey1306@gmail.com Kuldeepak@prl.res.in, KuldeepPandey1306@gmail.com Cell: 08110953610, 09492024843
7	Six days seminar on introduction to RM	Dr. Rajesh Vishnu yeole(Head of department of english ,Changu Knathakur A.C.S College,New PANvel,Raigad Email id: rajesh.yeole001@gmail.com,Tel: 022-27464193) Dr. Dhananjay Prabhakar(Assosiate professor in English, Govt.Vidarbha Institute of science and humanities ,Amaravati-444604 , Cont No. 9920125197)Dr. Neeta Mahendra Khandepkar(Professor Department of History University of mumbai-400098.contact No.9323743884).Dr. Mahendra Madhukar Khandpekar(Assosiate Professor in Physics ,Birla college Kalyan-421304,Contact No. 9323743884)
8	A webinar on Patent filing procedure	Mr. Jitendra K. Choure, Assistant Controller, Patent & Designs.email id: jkchoure.ipo@nic.ac.in
9	A webinar on introduction to IPR and Trademark Infrigement	Adv. Ravi Pandey, an active practitioner of Law in respect of Copyright ,Advocate 801-804, Tulsiani Chambers, 7 Free Press Journal Marg, Nariman Point, Mumbai-410 021 Email: ravishekhar28law@gmail.com Violation and
10	Struggle, Survival and Stabilization: Rebuilding Global Econ	Dr Marimuthu K.N. Assistant Professor Department of Management Studies Manonmaniam Sundaranar University Tirunelveli – 627012, Tamil Nadu-India,Mail: marimuthumsu@gmail.com marimuthumsu@msuniv.ac.in
11	Apocalypse: A Swoopinto Multifaceted Perceptions	Mrs. Neeta Khandpekar, Prof. Of Department of History, Mumbai University contact No.9323743884)
12	Recent trends in Interdisciplinary Research In Basic Scienc	Dr Alok Prasad Das , ,Assistant Professor , Department of Life Science ,Rama Devi Women's University ,Bhubaneshwar ,Odisha email.id: alokprasaddas(at)rdwu(dot)ac(dot)in ph:9178581814
13	Textual and VisualEvidence of Exploration in Travel Literature	Dr. Manjiree Atul Vaidya,Head of the Institution, Amity School of Languages, Amity University Maharashtra Address- Amity University Maharashtra At post Bhatan, Panvel, Dist Raigad email.id: manjireeatul@gmail.com
14	Emerging trends in Computer Science and Information Technology	Dr. Rajendra B Patil. Assistant Professor,Department of Information Technology ,email id: rajendra.patil@vsit.edu.in , Ph- +91-9892279720