

**Mahatma Education Society's**  
**Pillai HOC College of Arts, Science and Commerce, Rasayani**  
**Affiliated to University of Mumbai**  
**NAAC Accredited**

**Annual Report 2019-2020**



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

## Introduction

We take great pleasure in presenting the Annual Report of Pillai HOC College of Arts, Science, and Commerce documenting its developments and achievements. This can be attributed to the dedication and team spirit of the members of the management, staff, and students.

Pillai HOC College of Arts, Science, and Commerce which was established in 2008 with 95 students, today stands tall with the strength of 1649 students.

The college offers Ten courses which include eight UG programmes: B.Com, B. Com(A&F), BMS, BSc, BSc CS & BSc IT, BA and BMM; and Two PG courses – M.Com & MSc IT.

### UNIVERSITY RESULTS:-

Sr.No	Course	First Year		Sr.No	Course	Second Year		Third Year	
		Sem 1	Sem 2			Sem 3	Sem 4	Sem 5	Sem 6
1	BSc.IT	55%	99%	1	BSc.IT	42%	99%	71%	100%
2	BSc.CS	55%	94%	2	BSc.CS	74%	100%	76%	100%
3	B.COM	18%	39%	3	B.COM	22%	51%	56%	100%
4	B.COM(A & F)	75%	99%	4	B.COM(A	82%	98%	92%	100%
5	BMS	36%	95%	5	BMS(FIN)	89%	100%	35%	98%
6	BAMMC	40%	92%	6	BMS(HR)	97%	100%	63%	100%
7	BSC	25%	40%	7	BMS(MKT)	67%	100%	60%	100%
8	BA	18%	55%	8	BMM	71%	97%	65%	100%
				9	BSc(CHE)	55%	75%	93%	100%
				10	BSc(MAT)	80%	100%	100%	100%
				11	BA	56%	78%	100%	100%

### STAFF ACHIEVEMENTS:-

1. Dr. Jayant Behera was invited as a Judge for the National Conference on “Changing Trends in Computer Science and Information Technology.”
2. Dr. Vishakha A . Telgote was invited as a Judge" at “Maverick “– organized by PHCET.

3. Dr. Jayant Behera was invited as a Judge at “Maverick” – organized by PHCET.
4. Dr. Sapna Chilate was invited as a Judge at “Maverick” – organized by PHCET.
5. Mr. Deepesh Jagdale was a Member of the Board of Studies, TECH-FRYDAY Company, Panvel
6. Ms. Ashwini Satve was a Member of the Board of Studies, C.K.T College, Panvel
7. Mr. Sumit. S. Kokane was "Invited as a Judge" at Maverick – organized by PHCET
8. Mr. Sumeet Mhatre was invited as a Guest speaker for "The career Guidance Program" - Organized by Raigad District Muslim Welfare Organization.
9. Ms. Remya Madan Gopal was Appointed as a consultant in the start-up company “Biophemy Life Care Pvt Ltd.”, New Delhi.

Sr. No	Program/Faculty	Name of PI and Co-PI	Title of The Project	Fund Sanctioned
1	Economics	Dr. Lata Menon(PI), Ms. Babita Panda (Co-PI)	Impact of Merger on the Financial Performance of Banks	52,000/-
2	Physics	Dr. Jayanta K. Behera	MLT distribution of front-side magnetospheric wave-particle interactions using integrated measurements from ground and satellites	50,000/-
3	English	Ms. Swati Mishra	From Ismal Chughtai to Devdutt Patnaik: Decoding the Gender, Law and Language identities through the discourse of some prolific writers	45,000/-
4	commerce	Ms.Rewati Soman (PI), Mr.Swapnil Patil(Co-PI)	Espousal of M-Wallets: A Study of Generation Y/ Millennial in urban area of Taluka Panvel	30,000/-
5	I.T.	Ms. Priyanka Sorte (PI) Ms.Srilaxmi Nair(Co-PI)	Sentiment Analysis of Student-Teacher evaluation using Apache Spark	20,000/-
6	I.T.	Mr.Ravindra Mhatre (PI) Mr.Sumeet Mhatre (Co-PI)	Developing an App-based Student Attendance System	42,000/-
7	Chemistry	Dr. Vishakha Bodade	Green Synthesis of Nanosorbents for waste water treatment	35,000/-
8	Chemistry	Dr. Sapana Chilate(PI), Dr. Archana Bhagwat(Co-PI)	Adsorption of fluoride ions on alum impregnated activated carbons	30,000/-
9	Life Sciences	Ms. Remya Madan Gopal	<i>in vivo</i> Study of NPK Adsorbed Polymeric and Metallic Nano-fertilizer Efficiency on the Growth Characteristics of <i>Epipremnum aureum</i>	45,000/-
			Total Grant	3,49,000/-

#### NATIONAL CONFERENCE:-

- The department of Physics, Chemistry, and Mathematics in association with IQAC organized a One Day National Conference on “Recent Trends in Interdisciplinary Research in Basic Sciences” on September 28, 2019.
- The department of IT/CS in association with IQAC organized a One Day National Conference on “Emerging Trends in Computer Science and Information Technology” (NCETCSIT - 2k20) on February 20, 2022.

- The Department of Commerce in association with IQAC organized a One Day National Conference on “Inconclusive World & Current Economic Slowdown” on March 14, 2020.

### **FACULTY DEVELOPMENT PROGRAMME:-**

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from & to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2019-20	Pandit Madan Mohan Malviya National Mission on “Teachers and Teaching”		16-10-2019 to 21-10-2019	32	
2019-20	NISM - “Decision making while dealing with Financial Products”	NISM - Decision making while dealing with Financial Products	24-12-2019	40	17
2019-20	IPR				
2019-20	Concentration improvement & Memory Management through Meditation (Doubt)	Concentration improvement & Memory Management through Meditation	24-02-2020	40	12

Professional Development / Administrative Training Programmes were organized by the Institution for its teaching and non-teaching staff during the year.	09
Number of teaching and non-teaching staff underwent online/ face to-face Faculty Development Programmes during the year.	55

## ENTREPRENEURSHIP DEVELOPMENT CELL:-

- The Entrepreneurship Cell and Faculty of Commerce of Pillai HOC College of Arts, Science & Commerce, Rasayani, organized a “BUSINESS PLAN COMPETITION” on 29th August,2019 in which 16 teams of students from PHCASC participated from different classes. They formulated their innovative business plans under the guidance of various staff members. Their Business Plan presentations were judged based on creativity, benefits, and profitable scope. The objective of motivating students to participate in this event was to promote the culture of entrepreneurship among them and showcase their dream ideas. Efforts were made to generate interest and curiosity among the students towards the Business Plan Competition of PCACS, Panvel Campus.

## STUDENTS’ ACTIVITIES & ACHIEVEMENTS: -

Year	Name of the award/medal	National/International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Sub Junior National Men Classic Power lifting Championship 2019	National	1	0	2019HC0685	Shinoj Mathew
2019	National Karate Championship	National	1	0	2018HC0165	Rohanpreet Gajan Singh Lehel
2019	International World Kickboxing Championship	International	1	0	2018HC0165	Rohanpreet Gajan Singh Lehel
2019	State Kick-Boxing Federation Cup	State	1	0	2018HC0165	Rohanpreet Gajan Singh Lehel
2019	52nd University Youth Festival (Zonal Round) Indian Light Vocal Solo	University	0	1	2017HC0028	Divya Sadashiv Bhadalkar
2019	52nd University Youth Festival (Zonal Round) Marathi Elocution	University	0	1	2019PC0286	Sayali Patil

## **EXTENSION ACTIVITIES:-**

### **Club Activities:**

There were various activities conducted by the clubs for the overall development of the students. The clubs are namely - Maths Club, IT Club, Commerce Club, Nature Club, Film, Music & Drama Club etc.

### CAROM (BOYS)

SR.NO	NAME OF PARTICIPANT	CLASS	RANK
1	HARSHADA GONDHALI PRIYANKA BATT	TYBAF	FIRST

### **NSS Activities:**

The NSS unit organized "Play and Learn" activities from June 01, 2019 to September 31, 2019 to enhance children's development every Saturday and Sunday. A play-based learning environment encourages talking, reading, thinking, and writing. When you play along with the children, one will be amazed at what one can learn.

According to the program fixed by the Ministry of Youth Affairs and Sports, Government of India, and NSS, University of Mumbai the NSS unit of our institution celebrated "International Yoga Day" on June 21, 2019.

The program was organized in the classroom. Our Principal, Dr. Lata Menon, a Yoga expert herself graced the occasion. All faculty members also joined along. A large number of NSS Volunteers (100 approx), NSS Officials, Teachers, and Staff of the Institute, enthusiastically participated in the program. The program included an Awareness Program.

"World Population Day" and "World Environment Day" were observed on July 05, 2019. The NSS Unit of the institution organized an Exhibition Competition on the theme "Environmental Concerns and Eco-friendly Measures"

The NSS unit had taken the lead role in organizing the observance of "No Tobacco Day" on 11th July 2019.

The NSS Unit celebrated it by creating awareness and making the institution tobacco-free.

The NSS Unit of PHCASC organized "Trekking to Sinhagad Fort " on 24th July 2019. Our faculty member Priyesh Keekan Sir shared the history of the fort such as Pune Darwaza, Kalyan Darwaza, and so on. We ended our trekking by interacting with the tribal people and understanding the circumstances faced by them.

The NSS unit celebrated " Kargil Vijay Diwas" named after the success of operation Vijay on July 26,1999. It was celebrated in a grand manner by the students and faculty members. The program started with floral tribute, candle march and ended with the National Anthem.

NSS conducted a Pre-Selection process for " Utkarsh Camp" organized by the University of Mumbai on August 9,2019 at GM Vedak college. This event encouraged youth to participate enthusiastically and they also got an opportunity to show their talents. Sahil Naik of TYBAF was a part of the said camp.

"SRD/NRD District level Selection Program" was conducted by NSS which was organized by the University of Mumbai on August 9, 2019 at GM Vedak college. Jay Raval of TYBAF qualified for the district level of SRD /NRD.

The NSS Unit organized a one-day camp of "Swachh Bharat Summer Internship " from August,10 to August 11,2019 at the adopted villages of Gulsundhe and Chinchmal. The camp included activities like street play and rallies on Rural Education, Waste management, Tree Plantation, Swachh Bharat, and Health & hygiene. 50 NSS volunteers participated enthusiastically.

The institution completed an event on "Tree Plantation" under NSS Unit at Gulsunde Village On 10th August 2019. It was attended by Programme Officers, NSS members, and more than 50 student volunteers. NSS volunteers planted more than 50 trees.

The NSS Unit celebrated "International Youth Day" on August 12,2019 by organizing a workshop in collaboration with the District AIDS Prevention and Control Unit. The main focus of the workshop was to create awareness about AIDS and HIV among all the NSS volunteers.

Independence Day was celebrated by the NSS Unit on August 15, 2019 and the chief guest hoisted the National flag and addressed the students along with the importance of democracy and the responsibilities of the students at the National Building.



NSS Unit organized a workshop on “Mahiti Doot” on August 24, 2019. The main aim of the workshop was to create awareness about the government schemes.

“Fit India Movement 2019” Program was organized by MHRD in a grand manner which was followed by the NSS Unit. A rally was organized by the “Fit India Movement” to create awareness among students who are the future of our country. The event inspired them to be physically and mentally fit.

The Anti-Narcotics Cell of Navi Mumbai Police conducted an Awareness Seminar on the “Ill effects of drug abuse amongst college students” on August 29, 2019. The awareness drive was assisted by Navi Mumbai Colleges Association and the NGO, Asha Ki Kiran which runs a rehabilitation center.

The NSS unit in association with The Rotary Club of Patalganga and Sai blood bank conducted a “Blood Donation Camp” on the college premises on September 19, 2019.

NSS unit of the college organized a one-day camp on “Poshan Abhiyan” on September 21 to September 22, 2019 at its adopted village Mazgaon, Rasayani. 50 volunteers participated in Poshan Abhiyan Camp. The camp included activities like Street plays and Rallies on health, physical fitness, diet, and nutrition.

“NSS Day” was observed on 24th September 2015 to mark the foundation of the National Service Scheme to sensitize the youth of the nation about nation-building exercises. On this occasion, the Oath Ceremony was organized by all faculties of the Institute. Apart from this, the NSS Unit of the Institute also organized two events- a “Cleanliness Drive and Hygiene & Sanitation”.

The NSS Unit had organized a “Rangoli Competition” on the theme Swachh Bharat, for 4th and 5th-grade students and conducted a “Best Out Of Waste” competition for 6th and 7th-grade students to celebrate Non-violence and Mahatma Gandhi Jayanti on October 2, 2019.

The NSS Unit of Pillai HOC College of Arts, Science and Commerce has organized a drawing competition for 3rd & 5th-grade students and conducted a reading session for the students of 6th & 7th grades to celebrate the Birth Anniversary of Dr. A.P.J. Abdul Kalam Sir on 16th October 2019.

The NSS Unit organized a 'Beach Cleaning Drive' on 23rd October 2019. The aim behind the 'Beach Cleaning Drive' was

to remove the plastic waste which was thrown by people and thrown out from the sea.

The NSS celebrated “APNO WALI DIWALI” with the tribal kids and also created an awareness of gender sensitization in the association of Rotaract Club on 30th October 2019. It was precisely about gender sensitivity, the modification of behavior, the rising awareness of gender equality concerns, and one-to-one interaction with the tribal kids about equality.

The NSS Unit organized activities like “Drawing Competition” among villagers' children to celebrate the birth anniversary of 'Sardar Vallabhbhai Patel 'on 31st October 2019. 55 NSS volunteers and 2 faculty members celebrated Ekta Divas. The main motive of Ekta Divas was to 'provide an opportunity to maintain the inherent strength of our nation and to face threats which are hampering the unity of the country.

The NSS Unit visited “Shantivan Old-Age Home' to celebrate Diwali with the elderly people on 1st November 2019. The NSS volunteers interacted with everyone and also discussed their hobbies and current affairs.

The NSS Unit celebrated “AIDS Day” at Mazgaon on 1st December 2019. World Aids Day is observed annually on December 1st, it is dedicated to raising awareness of the Aids pandemic caused by the spread of HIV infection.

NSS unit organized a Special Residential Camp in the adopted village Mazgaon from 8th December-14th December 2019. The main project for this camp was based on making a soak pit and the construction of the dam. The volunteers of the NSS unit performed many other activities like awareness programmes such as literacy, tree plantation, health and hygiene, construction and repairs, and communal harmony.

The Republic Day was celebrated by the NSS Unit on 26th January 2020 and the chief guest hosted the National flag and addressed the students on the importance of democracy and the responsibilities of the students concerning Nation building.

The NSS unit celebrated Youth week on 26th January 2020 to 31st January 2020. The celebrations began by organizing different events like the cricket tournament, Unity of Diversity, and Cultural Exchange.

### **Other Activities: (IQAC)**

An Exhibition Competition on the theme ‘Environmental Concerns and Eco-friendly Measures was held on July 05, 2019

A three day “yoga workshop” was organized from January 08 to January 10, 2020

“A Yoga Session” by Brahma Kumaris was organized for teaching and non-teaching faculty members on May 18, 2020

A session on “Concentration improvement Memory Management through Meditation” was conducted on February 24, 2020

Trivariate Mentoring was conducted from June 06, 2020 to March 12, 2020

### **CSR Activities:**

The Institutional Social Responsibility Cell of PHCASC in collaboration with the DATAR Institution, Rasayani organized a “Zero Discrimination Day” on March 12, 2020 at DATAR Institution, Rasayani.

The Institutional Social Responsibility Cell in collaboration with the Lion’s Club of Navi Mumbai (Champions) organized a free “Health Check-Up Camp” on February 20, 2020 at Pillai HOC College of Arts, Science & Commerce, Rasayani

The Internal Quality Assurance Cell (IQAC) of our college, in association with Institutional Social Responsibility (ISR) Cell, organized an “Online Video Making Competition” as part of the World Earth Day Celebration, on April 22, 2020

UBA Unit of Pillai HOC College of Arts, Science, and Commerce, Rasayani organized an awareness programme on the new Novel CoronaVirus: COVID19 in Majgaon village of Raigarh district on March 15, 2020

A Quiz Competition on “Mahatma Gandhi” was organized on the occasion of his 151st Birth Anniversary by the Institutional Social Responsibility Cell, Pillai HOC College of Arts, Science and Commerce in association with the Internal Quality Assurance Cell from 1st October to 3rd October 2020.

Institutional Social Responsibility of the institution distributed essential items to the tribals of Mazgaon Village during the Pandemic on May 9, 2020.

### **PLACEMENT CELL:-**

Eighteen of our students were placed on Campus placements and Eight of our students were placed through off campus placements in various companies.

### **SPORTS:-**

The college celebrated its Intra-collegiate Sports Meet on 20<sup>th</sup> February 2020. There were 320 participants for the said event in games like- Carrom (Boys/Girls), Chess (Boys/Girls), Table Tennis (Boys/girls), 100 m. Sprint (Boys/Girls), 200 m. (Boys/girls) and Long Jump (Boys/girls).

**100 M ( BOYS)**

SR.NO	NAME OF PARTICIPANT	CLASS	RANK
1	ROSHAN JADHAV	FYBMM	1 <sup>ST</sup>
2	ANURAG JAGDALE	FYBAF	2 <sup>ND</sup>
3	ADIL SHAIKH	SYBCOM	3 <sup>RD</sup>

**100M (GIRLS)**

SR.NO	NAME OF PARTICIPANT	CLASS	RANK
1	PRERNA DATE	FYBCOM	1 <sup>ST</sup>
2	NEHA PATIL	SYBCOM	2 <sup>ND</sup>
3	NUPUR NAIK	FYBCOM	3 <sup>RD</sup>

**200M (GIRLS)**

SR.NO	NAME OF PARTICIPANT	CLASS	RANK
1	ASHWINI SHINDE	FYBCOM B	1 <sup>ST</sup>
2	SAKSHI PATIL	SYBCOM	2 <sup>ND</sup>
3	DIPTI PATIL	FYCS	3 <sup>RD</sup>

**200 M( BOYS )**

SR.NO	NAME OF PARTICIPANT	CLASS	RANK
1	CHETAN MAGARDE	FYBCOM B	1 <sup>ST</sup>
2	ADIL SHAIKH	SYBCOM	2 <sup>ND</sup>

3	DARSHAN DESHMUKH	SY IT	3RD
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**LONG JUMP (BOYS)**

SR.NO	NAME OF PARTICIPANT	CLASS	RANK
1	ADIL PATIL	FYBMS	1 <sup>ST</sup>
2	KETAN RATHOD	FYBAF	2 <sup>ND</sup>
3	SANKALP	FYBCOM	3 <sup>RD</sup>

**LONG JUMP (GIRLS)**

SR.NO	NAME OF PARTICIPANT	CLASS	RANK
1	PRERNA DATE	FYBCOM	1 <sup>ST</sup>
2	PRATIKSHA RASAL	FYBCOM B	2 <sup>ND</sup>
3	D. AKHILA		3 <sup>RD</sup>

**4X100 M RELAY (BOYS)**

SR.NO	NAME OF PARTICIPANT	CLASS	RANK
1	CHETAN MAGARDE SANKALP ADIL SHAIKH ANURAG	SYBCOM	1 <sup>ST</sup>
2	KETAN RATHOD YASH DHURAV SABIR MUKRI SAUD DAME	FYBAF- B	2 <sup>ND</sup>
3	PARATHMESH JADHAV AVIN SURESH PRAVEEN YADAV VED MHATRE	SYBMS	3 <sup>RD</sup>

**4X100 M RELAY (GIRLS)**

SR.NO	NAME OF PARTICIPANT	CLASS	RANK
1	PARTIKSHA RASAL, ASHITI PATEL PRIYANKA PATHANAK ASHWINI SINDE	FYBCOM	1 <sup>ST</sup>
2	SAKSHI PATIL NEHA PATIL JAGRUTI PATIL PRIYA PADWAL	SYBCOM	2 <sup>ND</sup>

**CAROM ( GIRLS )**

1<sup>ST</sup>

**CHESS (BOYS)**

SR.NO	NAME OF PARTICIPANT	CLASS	RANK
1	MUTUFA	TYBMS	1 <sup>ST</sup>
2	SANKET KOLI	TYBAF	2 <sup>ND</sup>

**CHESS (GIRLS)**

SR.NO	NAME OF PARTICIPANT	CLASS	RANK
1	SAKSHI SAKHARE	SYBAF	1 <sup>ST</sup>
2	MANSI GADGE	FYBCOM A	2 <sup>ND</sup>

**TABLES TENNIS ( BOYS)**

SR.NO	NAME OF PARTICIPANT	CLASS	RANK
1	SAIF JAFFERBHAL		1 <sup>ST</sup>
2	VICTOR SAMUL		2 <sup>ND</sup>

**TABLE TENNIS (GIRLS)**

SR.NO	NAME OF PARTICIPANT	CLASS	RANK
1	SHWETA JAA	TYCS	1 <sup>ST</sup>
2	SIDHI KATAKAR		2 <sup>ND</sup>

The MES Annual Sports Meet of 2019-20 witnessed the various sports event at Pillai HOC College of Arts, Science and Commerce like Chess, Carrom, Football, Volleyball, Table Tennis, Rifle Shooting, Basketball, Throw Ball, Handball, Kho-Kho, Kabaddi, Swimming and Athletics. A total of 122 students participated from our college.



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