

# Plans for the year 2019-20 & Action Taken

## IQAC

### 1. Introduce Additional Certificate courses addressing cross cutting issues like gender, environment, human values and professional ethics

**Centre of Excellence** has been formed in the academic year 2019-20 to introduce industry/market relevant courses. Around **1126** students enrolled for Certificate Courses this year. Several MOU's have been entered into:

- MOU was signed with **Mumbai Management Academy & Research (MMAR)** registered office at National Skills Development Agency, Govt. of India to provide **Certification** Course in Data Science. This course has received Corporate Funding.
- MOU was signed with **M/s Rightsole PTE. Ltd.** to provide **Software Program**.
- MOU has been signed with **Tata Institute of Social Sciences (National University Students' Skill Development (NUSSD) programme)** for Diploma in Banking and Finance Course which commenced on 1<sup>st</sup> April, 2020 for 6 months. 55 students enrolled for it. The program is specifically designed for economically & academically weak students.

Started **Autonomous Certificate Courses** by in-house Board of Studies: Tally ERP, Soft Skills, Content Writing, Environmental Science, Food Nutrition & Science, Advanced Excel, Personality Development.

Started **Collaborative Certificate Courses**: Campus to Corporate, Data Science, PTC & Bioinformatics, Human Resource Management, Google Certified Digital Marketing, Technical Analysis, Introduction to Banking &

Financial Markets, Certificate Tax Accountant Plus, Diploma in Banking & Finance in Association with Tata Institute of Social science

Students have also participated in **SWAYAM NPTEL** courses.

## **2. Create Global Linkages**

Pillai Group of Institutions pioneered partnership with **FIFA/CIES International University Network for a Course in Sports Management** which is conducted on the campus and our faculty Mr. Shardul Buva is a faculty for the subject of Sports Finance.

Our parent body has tied up with **Coursera to complete unlimited free certifications of Coursera Courses upto September 2020**. Students can take courses from some of the best faculty and some of the best Universities in the world. Students and faculty are highly encouraged to register and utilize this facility.

Pillai Group of Institutions have **tied up with HP** to provide HP Google Chromebooks at discounted rates for all faculty, students and alumni. Everyone with an M.E.S. email ID can access the HP store online to view and purchase the chrome books.

Dr. Daphne Pillai, Director of our institution, has been appointed as the President of **The International Women's Federation of Commerce and Industry (IWFCI) India National Chapter**.

Recently, the Indian delegation, headed by Dr. Daphne Pillai attended the Global Women's Trade Summit (GWTS) & Global Women Leaders Forum (GWLFF) 2019, held in Busan, South Korea from the 1st - 3rd of October, 2019. Through this linkage with IWFCI there are opportunities to attend various

expert sessions and global summits on relevant themes. Women Development Cell of the college is planning events in collaboration with IWFCI.

### **3. Strengthen Alumni Participation**

**Alumni Mentoring Club** was formed to provide Industry/Corporate Guidance, Career Counselling and Mentoring powered by Alumni to the upcoming batches each year. Alumni Job Fair powered by Alumni was organised on 1<sup>st</sup> February, 2020 in which 40 plus corporate big wigs participated.

**Alumni have been engaged** for availing their expertise, for mentoring, fundraising, for career support to current students. A number of sessions have been organized in this regard. A **Mega Alumni Meet** was organized on 22<sup>nd</sup> December, 2018 to celebrate 20th Anniversary of the college. To celebrate **50 years of Mahatma Education Society** (Parent Body), our college decided to celebrate 50 Saturdays of the entire year for which Alumni Association conducted events along with other Committees and Departments in which alumni was invited as experts to utilize their expertise for the benefit and progress of the present students.

### **4. Strengthening Consultancy Services**

#### **Consultancy in Biotechnology**

Dr. C. K. Prashant, Faculty in the Dept. of Biotechnology offers consultancy in: Immunopathology and Cancer Cell Biology, Nanoparticulate Vaccine Adjuvants, Cellular Iron Metabolism, Nanoparticle-Mediated Cellular Targeting and Delivery Mechanisms. To provide intellectual and scientific inputs to concerned and relevant companies, agencies, institutes in the area of Nanobiotechnology.

The Department of Biotechnology at the college is well equipped to carry out routine in vitro biological testing and validation of nanoparticles. Dedicated laboratories, facilities and instruments for plant and animal tissue culture, microbiological experiments, molecular biology and biochemical testing exist.

Dr. Prashant was appointed as a consultant for a period of 3 months from 15<sup>th</sup> March 2019 to 14<sup>th</sup> JUNE 2019 by IHEAL INNOVATIONS PVT. LTD.

He has been indefinitely appointed on the advisory board and as a consultant by Biophemy Life Care Pvt. Ltd. with effect from 17<sup>th</sup> August, 2019.

### **Technical Consultancy**

Students from IBDP-II at Dr. Pillai Global Academy, New Panvel carried out project work utilizing the Plant Tissue Culture laboratory facility at Department of Biotechnology of Pillai College of Arts, Commerce and Science, New Panvel (Autonomous). The said facility was utilised under the technical guidance of our faculty Prof. Bindu R.

### **Consultancy Services in Law**

Our faculty, Adv Poonam Gupta has completed her LLB and has done her specialization in Laws Relating to Women and Children and Criminal Laws. To Provide Legal Guidance and Remedies to the students, staff members, NGO's and Companies in Civil and Criminal and Family Matters

Consultancy is offered but not limited to:

- Civil Matters- Matters relating to Property, Breach of Contract
- Criminal Matters
- Matters relating to harassment including Sexual Harassment of Women at Workplace
- Family Matters – Matters Relating to Divorce, Custody of Child, Maintenance

- Mediation, Conciliation, and Counselling in any legal matters shall be Provided

### **Consultancy Services in Tax**

Our faculty Mr. Shardul Buva is providing consultancy for issues related to Income Tax. Consultancy is provided for:

- Income Tax Return Filing
- Micro Investments
- Life/Health Insurance

### **5. Incubation Centre to conduct more activities on tie ups**

The institution's Incubation Cell nurtures ventures. In the current academic year **two startups incubated** on the campus by our B.M.S. student: Digital Lana- Digital Marketing Agency and Book Lana-Online E Commerce Marketplace.

MOU has been signed with **Centre for Incubation and Business Acceleration**, Navi Mumbai. CIBA is a Technology Business Incubator catalyzed and supported by the Department of Science & Technology under the Startup India Action Plan.

A number of National level Seminars were organised as triggers on Incubation on themes: 'Entrepreneurship: Can you be your own boss?' (28<sup>th</sup> June, 2019), 'Business Innovations and Idea Generation' (27<sup>th</sup> July, 2019), 'Business Etiquettes' (22<sup>nd</sup> August, 2019 to 23<sup>rd</sup>, August 2019)

### **6. Strengthen Industry Collaboration (MOU)**

MOU has been signed with **Centre for Incubation and Business Acceleration**, Navi Mumbai.

MOU has been signed between Department of Excellence of the institution and **Mumbai Management Academy & Research(MMAR)**.

MOU has been signed between Department of Excellence of the institution and **M/s Rightsole PTE. Ltd.** to provide Software Program.

MOU has been signed has been signed between **Department of Excellence of the institution and Tata Institute of Social Sciences (National University Students' Skill Development (NUSSD) programme)**.

MOU was made on 28th June, 2019 between the **M.G.M. Institute of Health Sciences, Navi Mumbai, deemed to be University through its Department of Clinical Nutrition, M.G.M. School of Biomedical Sciences and Mahatma Education Society's Pillai College of Arts, Commerce and Science**, through its Department of Biotechnology. M.G.M.S.B.S.C.N. and P.C.A.C.S. agreed to sign MOU for sharing academic, clinical training/internship, on job training, project work, student/faculty exchange and for collaborative research programmes to get the mutual benefits.

Our institution has registered for **IIRS-ISRO Outreach Program**. To enhance the outreach of geo-spatial science and technology, IIRS has developed E-Learning Contents and Learning Management Systems (LMS) for different certificate courses in Remote Sensing and geo-spatial technology. The students of the college can now register for numerous certificate courses offered by IIRS.

MOU with NGO, **Alert India** for Leprosy Education, Rehabilitation and Treatment Campaign.

MOU with **Kotak Education Foundation, N.G.O.**

MOU with **Nair Hospital, St. George Hospital and Wadia Hospital** for Blood Donation Programme.

### **7. Foster innovation through Innovation Club & Training teachers with new methods of teaching**

The COVID-19 pandemic situation has affected conventional teaching-learning. As a result e-learning on digital platforms is the need of the hour. Gauging this need , the Innovation Cell organised an **Online Teaching Workshop** themed ‘ Interactive teaching with Technology’ from June4-June 6, 2020 on Google Meet to train teachers to teach in an online environment. E-tutors were appointed and a three- day long training was given to the faculty.

E-tutors with their Co-Tutors conducted the said Workshop with hands-on training on all three days. Hands on session was conducted on Google Classroom and Google Extensions Online tools like Jamboard, Concept Mapping (using Miro), Kahoot, Testmoz, H5p , Infograph, Screencast-O-Matic and the like were taught to aid interactive and innovative teaching.

**E- Content** was developed by teachers which has been put up on Mahatma Education Society (MES: Parent Body) Learning Channel for the benefit of the students.

### **8. Conduct Environment / ISO and Internal Audit**

**Green Audit** for the institution has been completed. (May-June 2019) Green Audit Report was prepared by STEP ( Sustainable Technosolutions for environmental Protection Private Limited)based on visit to the Campus, checking records and interactions with faculty, non-teaching staff and students. Preliminary

reconnaissance audit of the Campus was performed on May 30, 2019 and detailed audit was conducted on June 14, 2019.

**Annual ISO Surveillance Audit** was conducted in the college on 30<sup>th</sup> September, 2019 and compliances were noted and suggestions were put up.

**Internal Audit** was conducted in August/September 2019 by the Internal Audit Committee.

Application for an **External Audit of the institution** was made to University of Mumbai in the month of February, 2020.

### **9. Conducting more activities through Navi Mumbai College Association**

Navi Mumbai Colleges Association comprises six member colleges including Pillai College of Arts, Commerce & Science as the lead College.

An **Awareness Program** on Drug Menace was hosted by our college on 29<sup>th</sup> August, 2019. Faculty **Exchange Program** and **Student Exchange Programmes** were also carried out.

### **10. Value Education to be given importance**

At the institution, the Value Based Education Center conducts a number of activities towards imparting right values in students.

Programmes were conducted on : Mindfulness, Anti- Smoking Drinking Campaign ,Anti-Drug campaign, Social Media and Online Gaming Addiction, Seminar on Techniques to Strengthen Memory, Relaxation Exercises , Importance of Good Habits, Stress Management and Dealing with Depression, Importance of Segregating Dry waste and Wet Waste, and the like.



## **11. Encourage faculty and students to participate in research projects**

**Faculty and student participation in research** activities has increased.

Student's participation in the Avishkar Research Convention has increased. List of no. of students participating in Avishkar. 52 students and two teachers participated in Avishkar Research Convention. 23 entries qualified for University Round. One student secured **First Rank** in the **14<sup>th</sup> Maharashtra State Inter- University Avishkar Research Convention 2019-20**.

Our Research Scholar Mr. Shravan Bane under the guidance of Dr. Seema Somani has received **Fellowship** under **Avishkar Research Convention** of Rs. 1,44,000 for tenure of 2 years from **Governor's Office**.

Research publications carry substantial weight in the faculty selection, promotions, increment as advised by the University Grants Commission (UGC). The institution provides the necessary support for encouraging quality research. Management provides funding for publication of quality research papers. **Faculty has published Research Papers with reputed Journals.( National and International)**

We have a dedicated **Research Development Committee** to encourage research amongst students and staff. As far as facilities are concerned, all possible support and encouragement is extended to those who aspire to take up research projects. Our faculty have been acquiring **Ph.D./Ph.D. Guideship** and are actively involved in several minor/major research projects.

Received grant of Rs. 2,70,000 from University of Mumbai for the academic year for **Minor Research Project**. The Department of Biotechnology has applied for **Major Research Grant** to **DST** and **SERB**.

Ph.D. Research Centre received Proposals for Ph.D. in Commerce in the subject of Business Economics, Business Policy and Administration and Accountancy.

**10 Proposals were selected for registration.**

## **12. More participation of teachers in academic bodies**

Our faculty, Dr. Aarti Sukheja has been appointed as the **NAAC Coordinator** for Navi Mumbai by the Joint Director of Education. Our faculty have authored several books. Prof. Nithya Varghese has been appointed as a **Member (Non-Scientific Member ) for Institutional Ethical Research Committee** at M.G.M. Dental College, Navi Mumbai.

Our faculty have authored several books of repute, are members of the syllabus revision committee, have been appointed as paper setters, moderators, resource persons, interview panelists, chairpersons, consultants and have been heading important committees at various levels.

## **14. Conduct more IPR cell activities**

IPR Policy is in place. The results of the research work by our faculty Mrs. Suparna Deepak entitled "TCF7L2 genetic variants in a worksite population of Mumbai" was represented in the form of a poster. The particulars of this literary work was entered in the **Register of Copyrights by the Copyright Office, Govt. of India. A National level Seminar on 'Intellectual Property Rights for Start Ups'** was organised on 25<sup>th</sup> February, 2020.

## **15. Others**

1. **University Grants Commission, New Delhi** has conferred Autonomous Status to **Pillai College of Arts, Commerce and Science** on 24<sup>th</sup> June, 2019. With an of bridging the gap between academics and industry relevant curriculum

has been set. Examination Policy has been framed by the institution through which we have been able to standardise our college examinations.

2.Seminar/Workshop/Training Programmes /Popular Lectures were conducted by various committees at **National and International Level** as planned in the beginning of the academic year. 10 National level and 3 International Level Seminar/ Conference/ Webinar was organised.

3.Two of our students (Mr.Viraj Dnyandeo Utekar and Mr. Amodkar Yogesh Rajendra) have completed a satisfactory internship of 120 Hours at **UXO-India lab working on the project called MapDataLab Testing.**

4.The **Perspective Plan** for the period of five years, commencing from academic year 2019-20 to academic year 2023-24, has been prepared by the College by taking into consideration the quality indicators of seven criterions determined by NAAC. The Inputs from all stakeholders, their expectations, management policies and goals and objectives of the college helped to developed base for formulation of the perspective plan. The draft of Perspective Plan has been discussed, reviewed and approved in the IQAC meeting.

A **Handbook of Policies** is in place for the institution that communicates the institutions mission, policies and expectations. It gives clarity to the stakeholders on various aspects relevant.

### **5.Faculty Development Programme**

The **Staff Development Committee** encouraged faculty to undertake Faculty Development Programs under SWAYAM-A Government of India initiative. 28 teaching faculty successfully completed the FDP in the first term of 2019-20 and 31 teaching faculty have enrolled for the FDP for the second term of 2019-20 for which the exams have been cancelled due to the pandemic situation.

Ms. Bhakti Hirani, Assistant Professor, Department of Biotechnology **was topper with Elite and gold status 90%** (Topper out of 957 candidates appeared for the exam) in the subject of "Biomedical Nanotechnology" conducted by Swayam NPTEL - Online certification course (Indian Institute of Technology - Roorkee).

The B.A.M.M.C. (BA in Multimedia and Mass Communication) Department in association with BAIP (Board of Academic – Industry Partnerships) conducted an **International Faculty Development Program** from 4<sup>th</sup> May – 8<sup>th</sup> May 2020. 500 participants from different colleges participated.

Department of B.Com. and B.Com. Accounting and Finance in association with Mumbai University College Teachers Association (MUCTA) organized Three days **International Faculty Development Programme** on Digital teaching and learning Environment on 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> May 2020. 1482 participants from different colleges registered for this online FDP from national as well as international domain (Australia, United Kingdom) 5.8 thousand people viewed the live streaming.

Department of Business Management in association with Ph.D Research Centre & Board of Industry- Academia Partnerships organised seven days **National Level FDP & Coursework** on Research Methodology from 26th May 2020 to 1st June 2020. The FDP benefited 374 participants globally.

**6. Standard Format for Curriculum Feedback from stakeholders** for each category (Alumni, Students, Employers, Teachers) for reviewing feedback on curriculum was prepared. Post execution, analysis was done and an Action taken Report was prepared by IQAC.