

ST. PIOUS X DEGREE & PG COLLEGE FOR WOMEN

**Reaccredited with A+ Grade by NAAC
ISO Certified 9001: 2015**

2020-2021 ANNUAL REPORT

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FOREWORD: 3Ds TRANSFORMING THE WORK CULTURE

I am immensely happy to present the 27th Annual Report of the Academic Year 2020-21. This Annual Report of the college for the academic year 2020-21 is an eloquent testimony to the hard work and dedication of the visionary Management, Administrators, Teaching faculty and Administrative and Non-teaching staff of our reputed Institution. St. Pious X Degree and PG College for Women strives to be a gateway to this process, which began its humble journey towards excellence in 1993. The emphasis on the three core values of **Discipline, Dedication and Diligence** has radically transformed the work culture of the campus. Our robust work ethic, the continued effort to improve our educational effectiveness through a relevant curriculum inspires service with intense commitment. The principal and her competent team of staff members have spared no efforts to present the college annual report of the academic excellence, curricular and co-curricular activities. Their erudition, high scholastic learning, pedagogic expertise and commitment to face new challenges in the field of education culminated in achieving excellence. In envisaging the mission, and realizing the aims and objectives of the college, the faculty's commitment is highly appreciative in sustaining and improving academic results. I am deeply thankful to God Almighty for His unfailing goodness and faithfulness for enabling us to be conversant with the potentials to face new and fresh challenges.

- The Principal

TRIUMPHS OF 2020-2021

The year 2020-21 had been an extraordinary one with the challenges of the pandemic Covid-19 that propelled the education system towards online mode of instruction. It was a combination of the previous academic schedule of 2019-2020 and the new academic schedule of 2020-21 in terms of revision classes, end-semester examinations, results and commencement of new semesters.

NEW ENTRIES AND NEW COURSE

Around 700 students took admission in various UG programs. A new course in Life Sciences was added with the combination BTMC and intake of 30 students.

RESULTS: We are happy to achieve 99% in BA, 95% in BCOM, 86% in BSC Physical Sciences, 91% in BSC Life Sciences, 96% in BBA, 99% in MBA and 71% in PG. The overall pass percentage of 2020 -21 is 89%.

NOVEL AND PATH BREAKING MAJOR RESEARCH PROJECT – FUNDED BY ICSSR

A Major Research Project titled “Corporate Sickness: Socio- economic, Political and Legal Issues & Implications” has been sanctioned by ICSSR, New Delhi, under IMPRESS Scheme of MHRD, Govt. of India. It focused on ‘Case Studies’, ‘Types of Cases’ and ‘Kinds of Solutions’ to comprehend the impact of Insolvency and Bankruptcy Code, 2016. This major research project is sanctioned with the recognition as Novel and Path Breaking Research Proposals (Areas Unexplored) by ICSSRs. The duration of the project is 2 years from the date of commencement (Jan.5, 2020 to Jan. 5, 2022) the Project Director is Dr. S. Pardhasaradhi, Professor of Business Management, monitored by Sr. Velangini Kumari, Director, St. Pious PG (MBA) College for Women and Advisor in the Research Team. The Project Coordinator and Research Associate is Mrs. C. Latha, HOD, MBA. The Research Team comprised of the Project Director with 5 members including Sr. Japamala Vetti, Correspondent and Sr. Velangini Kumari, Principal, appointed by the Selection Committee headed by Prof. R. Nageswara Rao, Head, Dept of Business Management, O.U. -- **CONGRATS!**

RESEARCH PROJECT BY SPUGER (ST. PIOUS UNDER GRADUATE ENVIRONMENT RESEARCH GROUP)

A theoretical research project titled, “Comparison of Air Quality before and after COVID – 19 impacted lockdowns” has been taken up by SPUGER group under the supervision of Dr. Mala Das Sharma. In this project the air quality w.r.t particulate matter is being analyzed from TSPCB data of three monitoring stations of Hyderabad. The analysis, result and interpretation has been published as a book chapter in an online book titled, “Impact of lockdown on Education, Economy & Environment in India” released by St. Pious X College. The project work is still ongoing with the data analysis and interpretation of six monitoring stations of Hyderabad, **Keep Rocking!!**

APPRECIATION, ACHIEVEMENTS AND ACCOLADES

St. Pious X Degree and PG College for Women carved a niche for itself in the field of higher education. The college takes pride in having secured top ranks among the best colleges of India in a survey conducted by INDIA TODAY, THE WEEK and OUTLOOK magazines:

- The College got 49th All India Rank in Science, 98th Rank in Arts, 149th Rank in Commerce and 100th rank by outlook survey.

- Sr. B. Velangini Kumari, the Principal, was awarded “Best College Principal Award” by Novel Research Academy, Puducherry on 20 October, 2020
- Dr. R. Komala, Head, Dept. of Physics was awarded “Best Woman Faculty Award” for contribution in Physical Sciences under the category of Physics specialization during the academic year 2020-21 by Novel Research Academy, Puducherry, India on 20 October, 2020.
- Dr. S. Sreedevi, Head Dept. of Microbiology was awarded “Best Woman Faculty Award” for contribution in Life Sciences under the category of Microbiology specialization during the academic year 2020-21 by Novel Research Academy, Puducherry, India on 20 October, 2020
- Dr. Grace Beena Paul, Head, Dept. of Zoology was awarded “Best Senior Faculty Award” by Novel Research Academy, Puducherry on 20 October, 2020.
- Department of Microbiology, St. Pious X Degree & PG College, Hyderabad was awarded ‘Best Department in Telangana’ by Microbiologist’s Society, India on 31st October, 2020.
- Mrs. USVR Hymavathy, Faculty, Dept. of Chemistry received ‘Sarojini Naidu National Best Service Award – 2021’ on 30 January, 2021 by Golden Care Club for her kindness, hard work and support in being the Nation’s Guiding light in the present difficult times.
- Ms. V. Beulah Vennela, Faculty Dept. of Psychology received an appreciation Letter for rendering her services as a faculty member for M. Sc Psychology prison inmates from the Superintendent of Prison, Cherlapally for the year 2018-19 & 2019- 2020 (1st and 2nd year students).
- Department of Computer Science received certificate of appreciation for extending unconditional support in conducting Online Certificate Course on “AI Early Coding”, a Digithon Program in association with University of Texas at Dallas, USA, supported by TITA under the Telangana Government’s “Year of AI” initiative from 02-09 November, 2020.
- Mrs. P. Suhasini, Faculty, MBA, submitted her Ph. D thesis with title “The impact of HR practices on productivity at NFC” on 26 September 2020 to Osmania University. A world record production of nuclear fuel bundles for three consecutive years by Nuclear Fuel Complex, called for research to identify the HR practices that led to the improved productivity. She was conferred with Ph.D degree in April 2021
- Mrs.Puppala Harshanya, Faculty, MBA was awarded "International Teacher Award 2020-2021" by I2OR, India, Registered MSME with Ministry of MSME, Govt. of India in May 2021.

KUDOS!!! TO ST. PIOUS X FAMILY

ICT

ICT

G Suite – Thanks to Weaving Technology

The college acquired G Suite for online Education for the institution in the wake of Covid-19 pandemic with the college domain name, stpiouscollege.org during the month of May 2020. It is a suite of Google tools and web-based services that provide highly scalable Environment. The College embraced this weaving technology to continue Teaching and Learning process by online platform giving the faculty an opportunity and sufficient training to integrate with G Suite for Education during the Corona pandemic lockdown.

I Q A C – INTERNAL QUALITY ASSURANCE CELL

IQAC, Internal Quality Assurance Cell takes the responsibility of various quality enhancement programmes ensuring academic excellence. This year despite the havoc created by the pandemic covid -19, IQAC organized the following activities: -

- 1. A Faculty Development Program on “DIGITALIZATION OF EDUCATION-ICT TOOLS”** on 15th and 16th June, 2020.
- 2. National Webinar on ‘Crafting and Execution of Strategic Plans in HEI's’** on 17th & 18th June, 2020.
- 3. FDP on ‘Outcome Based Education- Designing and Mapping of Outcomes’** on 29th June, 2020
- 4. National level FDP on ‘Research Methodology and Software Tools in Research’** on 26th and 27th July, 2020
- 5. UGC, PARAMARSH: An Orientation to the Non – Accredited Colleges.**

I am happy to announce that our college is recognized by UGC under Paramarsh, a scheme initiated by UGC to mentor aspiring colleges for NAAC accreditation. A team of faculty, IQAC members, led by Dr.R. Komala, HoD, Physics and Ambassador under PARAMARSH, UGC scheme organized webinars to provide orientation for the faculty (45 no.) of Little Flower Degree College, Uppal on the preparation of SSR documentation during 15th, 16th, 19th and 20th of June 2020. Dr. Komala oriented them on various stages involved in the accreditation process and the importance of action plan for successful submission of SSR. She also motivated faculty to work as a team, which helps in collection of data and documenting the inputs in the required NAAC format.

- IQAC team published a book titled “Impact of Lockdown on Education, Economy & Environment in India”, Editors: Sr.B. Velangini, Principal, Dr.S. Pardasaradhi, Prof. MBA, Dr. Mala Das Sharma, HoD ,

Chemistry and Dr. Sreedevi Sarsan, IQAC coordinator, HoD Microbiology. Ideal International E-publication Pvt. Ltd. 2020. Edition 1 Vol 1, pp. 1-405, ISBN: 978-93-89817-31-7.

- **IQAC team** (15 members) from Villa Marie College, Hyderabad visited our college on 20th March, 2021 for orientation on NAAC and SSR submission
- **AQAR submission:** AQAR 2019-20 was successfully submitted online to NAAC portal on 24th March, 2021. My appreciation to the Internal Quality Assurance Cell of the college which has been working relentlessly in the preparation and submission of AQAR.

ISO 9001:2015

St. Pious X Degree and PG College for Women is proud to receive ISO 9001:2015 certificate on 17 April 2021 for maintaining excellent Quality Management System and meeting the requirements of quality standards in providing educational services. *Congratulations!!*

INSTITUTION INNOVATION COUNCIL – IIC – INNOVATIVE IDEAS TO NEW INVENTIONS

St. Pious X College established Institution Innovation Council (IIC) on 5th Dec 2020 as per the norms of Ministry of HRD, Govt of India. IIC organized all the programs following the schedule given by MIC during the academic year 2019 – 20. I am proud to say that Institution Innovation council, IIC Annual performance of the institution received 4.5 stars with a score of 91.67 out of 100 for the academic year 2019-20

The Council consists of few faculty members, students, alumni entrepreneur and representatives from nearby Incubation centre and Industry. The council was reconstituted by following the IIC3.0 format for the academic year 2020-21 on 22nd October 2020. IIC 3.0 of the college consists of 24 staff members, 20 student members and 5 outside experts from different fields. Dr. R. Sushama Faculty, MBA was elected as President, Ms. S. Hepsibha, Faculty, Computer Science as Vice President and Dr. Komala, HoD Physics as Convener.

The council was constituted and registered to MIC (MHRD's Innovation Cell) with the aim 1) to encourage the students to exercise their talent and thinking ability for developing innovative idea that can lead to the new invention. 2) To provide formal training to the students for making prototype of their ideas followed by business plan and establishment of 'Start Up' Ministry of HRD has divided the academic year into four

quarters - Q1 & Q2 for Semester 1 and Q3 & Q4 for semester 2. The meeting for the first quarter was held on 22nd October 2020.

ED CELL – FACILITATING YOUNG WOMEN ENTERPRENUERS

The ED Cell of the College conducts various awareness programs such as Seminars, Workshops, Industrial Visits, Food Fest and Interaction with young entrepreneurs.

The Activities of the year 2020 are as follows:

A Rural Entrepreneurship Development Workshop was conducted on 23rd September, 2020 to build entrepreneurship skills among the students by forming a cell on Rural Entrepreneurship Development under Dr. W G Prasanna Kumar, the Chairman, Mahatma Gandhi National Council of Rural Education Department of Higher Education, Ministry of Education, Government of India. The roles in the Cell assigned to Staff are as follows: 1. Chairman Sr.B.Velangini Kumari, Director, 2. Internship and Apprenticeship with Rural Enterprises (Training & Placement Wing) - Mrs.C.Latha, Assistant Professor HOD - MBA & TPO 3. Initiating Rural Entrepreneurship (Entrepreneurship wing) -Mrs.K Swarnalatha, Asst. Professor, MBA 4. Networking with Rural Manufacturers (Rural Engagement wing)- Mrs. Puppala Harshanya, Asst. Professor - MBA and TPO 5. Developing Rural Technological Interventions (Technology wing) - Mrs.S.Anika, Asst Professor, MBA 6. Grooming students to be Rural Entrepreneurs (Personality Development wing - Dr.R.Sushama, Associate Professor and HOD, BBA.

ENTREPRENEURIAL EXPEDITION SUCCESS STORIES OF ENTREPRENUER

A webinar series ' Entrepreneurial Expedition Success stories of entrepreneurs’’ was organised by IQAC and ED Cell on 04 September, 2020. Mr. Prashanth Lingam Co -founder of Bamboo India, shared his experiences as a social and eco entrepreneur.

ENTREPRENEURSHIP CERTIFICATION COURSE Entrepreneurship Development cell offered a certificate course titled 'Entrepreneurship certification course from 16-21, Nov, 2020 in collaboration with Ideovate labs. 246 students across all streams of UG and PG registered. 8 eminent and successful entrepreneurs at National and International level acted as trainers and resource persons The resource persons addressed students on various concepts of Entrepreneurship and covered topics related to myths of entrepreneurship, ideas generation, pitching, creating business plan, fundraising and limitations.

ACADEMIC ENRICHMENT REOPENING

The college reopened for the staff on 10th July 2020 with a short online staff meeting via Google meet.

ONLINE CLASSES AND UNIVERSITY EXAMINATIONS

- The academic year 2020-21 for second and final year UG students of 2019-2020 commenced on 15th July 2020 and for first years on 28th September 2020
- Online classes for 2nd and 3rd UG students of 2020-2021 commenced from 1st September, 2020, for MBA and PG students from 15th September and for UG first years from 7th December, 2020.
- UG Semester VI Examinations of 2019-2020 commenced on 23rd September, 2020 followed by GE, SEC and practical exams.

STUDENT COUNCIL ELECTIONS- TORCH BEARERS

The Election for student Council for the Academic Year 2020-21 was held on 12th March, 2021. It started with nominating two Class Representatives from each group of UG II & III years, MBA & PG. The selection committee constituted of Principal Sr. Velangini, Heads of Departments and Student Welfare Coordinator Mrs. P. Soumya along with all the nominated CRs.

The process comprised of 2 rounds:

Round 1: Each CR gave a brief introduction of 2 minutes emphasizing her Strengths, Achievements and Special Talents.

Round 2: The interested candidates contested for their desiring portfolios specified and justified their nominations.

The process involved voting by the Principal, HoDs and all the CRs. The selection by the panel was based on the aptitude of expression in both the rounds and also the number of votes for each candidate for major portfolios. The final decision was communicated to students on 15th March, 2021 and the elected council members were briefed about their roles & responsibilities for that Academic year by the Principal.

ON AND OFF CAMPUS LEARNING ATMOSPHERE!

WEBINARS, GUEST LECTURES, FDPs AND CONFERENCES

The Management encourages the staff to organize and attend programmes and events towards Academic Excellence and motivates the learning atmosphere on and off campus. Around 35 such programmes were organized in 2020-21 on topics like Professionalism, Digital Technology Skill Development, Subject Knowledge, Health and Hygiene, Stress Management, Covid- 19 Awareness and Social Responsibility. To mention a few:

1. International Conference organized on “Language, Literary skills and Knowledge necessary for Professional English - Challenges and Innovations in teaching and learning”

The Department of English organized an international web conference on “Language and Literary skills and knowledge necessary for Professional English” - Challenges and Innovations in teaching and learning on 18-19 February, 2021. The objective of the conference was to provide an intellectual platform where research scholars, teachers, learners and specialists from diverse disciplines could exchange their insightful experience and share knowledge on the effective use of English in the professional world. 209 participants ranging from students, teachers, research scholars, academicians participated in the web conference from all over India, comprising of 06 participants from other countries. Apart from them, 10 teachers, 04 Alumnae and 08 students from St. Pious X College participated in the conference as Paper Contributors, Organizing team members and Panel members. The Conference was organized on pre-booked ZOOM PLATFORM with 500 capacities for both the days. 22 conference papers were selected by the conference editorial team and published as a special issue in International Journal of Research in Multidisciplinary Field (ISSN 2455-0620) and as Book print publication (ISBN 978-81-953268-5-3) through collaboration with Research Culture Society, Vadodara, Gujarat, India.

2. Two Day National Seminar “On Statistical Computing and Data Science”

Department of Computer Science and Statistics organized a Two-Day National Seminar on “Statistical Computing and Data Science” on 26-27 February 2021. The first speaker Mr. Venugopal Rao, General Manager, JUXT Smart Mandate Analytical Solutions, Hyderabad, enlightened on “Data Science – Trends and Applications”. Second Session was chaired by Dr. N. Ch. Bhattacharyulu, Associate Professor, Department of Statistics, Osmania University. 26 papers were presented on the theme.

3. Webinar on “Career Guidance in Life Sciences”

Department of Botany & Biotechnology organized a webinar on “Career Guidance in Life Sciences” on 11Feb, 2021 with an aim to get insight of various career options of under graduation. The resource person

was Dr. Arpana Sharma faculty from Bio setup Life Sciences organization which is MSME registered with Govt. of India.

4. National Webinar on “Professionalism and work-place realities”

Department of Public Administration organized a national webinar on 17th Feb 2021, on “Professionalism and work-place realities” towards Placements. Dr. Maitreyi. R. Kollegal, Fellow, IIM Ahmadabad. Post-Doctoral Fellow, UC, Berkley. Former faculty, IIM, Calcutta. Former Director, International Institute of Health Management and Research, New Delhi. The webinar was conducted with emphasis on professionalism in work life and coping with office politics and just some tips on interview that is not available on the net. 80 Students from Final BA and faculty participated

5. Webinar on Design, Film & Media

Department of MBA organized on 24th March, 2021 and the resource person was Prof. Srikanth NIPPATLA, HOD film & media from ROOTS college of design, film and media for MBA I and II-year students

6. International Webinar on “Technological Microbiology: Application in Food Production”

Department of Microbiology in association with Microbiologist society, India organized An International Webinar on “Technological Microbiology: Application in Food Production” on 18 November, 2020. Dr. Saritha. U. Mahajani, Microbiologist & Consultant from California, USA was the speaker of the day. 182 Faculty and students of various colleges from Telangana and other states of India and many international participants attended the webinar.

7. Webinar On Everyday Easy Makeup

Department of Psychology and Social Sciences in collaboration with YWCA of Secunderabad conducted a webinar on Every Day Easy Make up Application on 17 October, 2020, over 100 students and faculty participated. The resource person was Ms. Bakitha Francis.

8. Two-day Web Series on the topic “Digital Disruption”

Dept. of Commerce organized two-day Web Series on the topic “Digital Disruption” on 11-12 December, 2020. The Technical sessions were on "Digital Disruption" in Banking by Ms. Pratikshya Patnaik - DCB Bank. Digital Disruption in Human Resource was discussed by Mr. Tarak Ram from Digital Tarak. Ms. Oivia F Keming, an international speaker from OneHe UK, delivered her expertise on Digital Disruption in Education. An expert talk by Dr. Doss Steward, NIA-Pune on the topic Digital Disruption in Insurance. Digital Disruption in Retail was addressed by Mr. Navneet Mathur from Amazon Inc. and it was focused on the emerging trends in retail for businesses and customers. The web series concluded with a panel discussion on Digital Disruption to highlight its impact on various fields affecting all segments of the society.

9. Webinar on “The Hygiene of Written Communication”

The Department of Microbiology organized a webinar on “The Hygiene of Written Communication” on 15 December, 2020. Ms Ritika Marampalli, Manager-Programme & Communications, ATAL Incubation Centre was the speaker of the day. 72 students attended the webinar

10. International Webinar by Ivan Wanis Ruiz - How to Teach and Engage Online

On 23rd November 2020 Department of Mass Communication & Journalism conducted a webinar on "How to teach & Engage Online" by Ivan Wanis Ruiz, Founder Public Speaking Lab, USA.

11. Webinar on “Covid 19 Awareness”

Department of Psychology and Social Sciences in collaboration with YWCA of Secunderabad organized a webinar on “Covid 19 Awareness” on 16th Feb, 2021, over 50 students and faculty have participated. The resource person was Ms. Sharon Solomon.

12. Counseling session on Stress Management

Ms. V. Beulah Vennela, Department of Psychology has been instrumental in identifying the needs of the Hostellers at college and conducting stress management sessions for them. Along with YWCA of Secunderabad –Yuvatha series for them is being planned and taken forward on a monthly basis. A session for hostellers was conducted on 6th March, 2021. The resource person was Ms. Bakitha Francis, Vice-President of YWCA of Secunderabad.

13. Webinar on “Digital Citizenship & Civic Participation for Gender Equality”

Department of Psychology and Social Sciences in collaboration with YWCA of Secunderabad has conducted a webinar on “Digital Citizenship & Civic Participation for Gender Equality” on 20th April, 2021

14. Webinar on “Coping with Grief during Pandemic”

Department of Psychology organized a webinar on “Coping with Grief during Pandemic” on 6thMay, 2021. RESOURCE PERSON WAS Dr. P. Sawathi, Head, Dept of Psychology, OU

15. Department of Psychology has collaborated with YWCA of Secunderabad in the month of July, 2020 decided that every month on every third Tuesday a webinar would be conducted on different topics related to women empowerment. In the very first webinar held on 21st July, 2020, over 80 students and faculty participated. The resource person was Bakhita Francis, Vice-President of YWCA of Secunderabad. It was followed by the installation of St. Pious YWCA Student wing council members

16. Webinar on " Need of Innovation for Athmanirbar Bharat"

On the occasion of National Science Day Celebrations 2021, Department of Physics organized a webinar on "Need of Innovation for Athmanirbar Bharat" in association with VIBHA, an NGO on 22nd February 2021

FDPs ORGANISED

The faculty is encouraged to attend training and professional development programmes to expand the horizon of knowledge and upgrade their skills. This year despite the pandemic I'm proud to say that around 30 were arranged. To name a few:

1. A two-day workshop on 'G Suite Education Platform' was organized on 8th and 9th May, 2020 for the faculty of the college by the department of Computer Science in association with CIRF, Computational Intelligence Research Foundation, Chennai. The resource speaker, Dr. Doreen Robin, Founder and Director of CIRF, explained and demonstrated various features of Google Classroom.
2. 2-day FDP "Online Teaching and Assessment Tools" was organized by the Department of Computer Science in collaboration with CSA Education Commission on 1-2 October, 2020. The FDP was for all the teaching fraternity of the college and CSA educational institutions to enhance the existing skills on Teaching and Assessment Tools for the conduct of online classes.
3. 1-Day workshop on "Google classroom" was organized by Department of Computer Science on 28 October, 2020 for teaching faculty of St. Anthony's, Bangalore.
4. Dept of Social Science organized an FDP on "Research Methodology" on 20th March 2021. Resource Persons were Prof. Venkatiah, former Dean Dept of Commerce, Osmania University, Prof. Pradasharadhi, Faculty, Dept of MBA, Prof, Kapil Bhattacharyya. Around 150 members participated.
5. The Department of Commerce organized 5-day AICTE -ATAL sponsored Online Faculty Development Program on 'Organizational Behavior' from 15th to 19th February, 2021.

PROFESSIONAL DEVELOPMENT PROGRAMS ATTENDED- UPGRADATION OF PEDAGOGY

Faculty members attended around 700 Professional Development Programs such as Webinars, FDPs, Orientations to facilitate up-gradation of knowledge, skill which intends to provide opportunities for teachers. It covers areas such as technical education policy, new concepts, methods and techniques, theory and skills development and upgradation of pedagogy, educational technology, motivation, communication skills, management and other relevant issues to keep pace with the changing scenario in Technical Education. It enhances the teaching and other skills of the faculty and to makes them aware about modern teaching tools and methodologies. It provides an opportunity to acquire knowledge about current technological developments in relevant fields. It will not only promote the professional practices relevant to technical education but also motivates the faculty to achieve competitive teaching and learning environment, thus channelizing development with respect to academic qualifications and personal matters.

SHORT TERM COURSES FOR NEWER TEACHING SKILLS

The faculty and students completed a range of short term courses apart from their course curriculum to upgrade their knowledge and skills:

- Dr.K. VindhyaVasini Roy, faculty, Dept of Microbiology attended One-Week Online Short-Term Course on "Challenges in Discovery of Antiviral Agents and Vaccines" held from 08-06-2020 to 13-06-2020 organized by UGC – HRDC JNTUH
- Ms. Rajeetha Mondal, Dept of Microbiology attended the National Level Online One Week Short Term Course on “Green Audit” from 9th to 14th August, 2020 organized by Department of Environmental Science, Osmania University and Environment Protection Training and Research Institute- (EPTRI), Hyderabad, Telangana, India.
- Mrs. Aarthi Deepak, Dept. of Political Science completed 21 courses on Coursera from 17/6/2020 to 14/9/2020, a course on Healthy Practices: Nutrition, Physical Activity, and Community and Family Participation
- Dr. P. Sangeetha Lakshmi, Dept. of Physics attended 2 Weeks National Yoga Certificate Course from 3-17th May, 2021 conducted by Research Foundation of India and St. Paul’s Institute.
- Dr. Anjana Shukla, Dept. of Botany participated in the 15 days “Yoga Classes” from 3rd -17th May 2021, organized by Research Foundation of India & St. Paul Institute of Professional Studies, Indore
- Mrs.R.Mamatha, Dept. of Mathematics completed NPTEL course on 'Partial Differential Equations for Engineers: Solution by Separation of Variables' from 18-01-2021 to 12-02-2021 offered by IIT Kharagpur.
- Dr. P. Sangeetha Lakshmi and Mrs. Paleena Thulimilli, Dept. of physics completed course on Classical Mechanics -1 from January 26 to April 25, 2021 conducted by IIT, Kanpur.

RESEARCH PROJECTS, PAPER PRESENTATION & PUBLICATION

The Management provides incentives every year to facilitate research and publication by faculty and students. This year 66 faculty presented, contributed and published in various journals, books and book chapters **KEEP EXPLORING!!**

Book with ISBN

- The department of English published a book titled “Language, Literary skills and Knowledge necessary for Professional English” edited by Mrs. Monoshri Mitra, Mrs. Mary Cecilia and Sr. B. Velangini Kumari for Research Culture and Society with ISBN 978-81-953268-5-3.
- A book titled “Effect of Migration on Living Standards of Marginalized communities of Murukula Basti Hyderabad, Telangana” authored by Sr. Velangini Kumari & Dr. Komala was published by Gyan Publishing House with ISBN 978-81-212-2023-1

Book Chapters

- Dr. S. Sreedevi, Head, Dept. of Microbiology and Mrs. P.L. Sravani, Lecturer Dept. of Microbiology contributed a book chapter titled “Bio preservation of Food Using Bacteriocins” in book “Education for Future-An Archive of Humanities, Science and Technology for Sustainable Development”, Eds: Alex George., etal., Media House & S.M. Books& Publications., P.no.689-701 ISBN:978-93-88989-61-9.
- Dr. S. Sreedevi, Head, Dept. of Microbiology and B. Haritha Pavani, M.Sc. Microbiology student contributed a book chapter titled “Environmental Impacts of COVID 19 lockdown in India “in book “Impact of Lockdown on education, economy; Environment in India”.
- Mrs. P. Soumya Sree and Mrs. K.Kala Bharathi contributed a book chapter titled “Challenges & Opportunities for Teachers during Lockdown” in book Ideal International E-Publication Pvt. Ltd ,Indore with Book Titled “Impact of Lockdown on Education, Economy & Environment in India” in July 2020, ISBN:978-93-89817-31-7
- Mrs. Paleena Thulimilli faculty, Dept. of Physics attended one-week AICTE sponsored online short-term training (STTP) on "Emerging trends in nanomaterials for electronic and Optoelectronic devices "Series –I, II & III” from May 10 to 24, 2021

Booklet-Release

- The Department of Psychology in collaboration with the Department of Social Sciences released a Booklet – “I Carry You” to honor Mothers for the work they are doing during the pandemic
- RELEASE OF THE SECOND VOLUME OF STUDENTS’ E-MAGAZINE “BIOCHEMAGZ” The second volume of the Students’ e-magazine titled “Beat Great” which focused on heart health was released virtually on Google meet platform on 18 November, 2020 by Ms.C.Vanisree, Head, Department of

Biochemistry. UG and the PG students of Biochemistry and faculty members contributed articles, puzzles and artwork to the magazine. It's a true reflection of the team work of the students

- Dr.S. Sreedevi, HOD, Dept of Microbiology, was the Co-author of research article “Indigenomes: a comprehensive resource of genetic variants from over 1000 Indian genomes”, Nucleic acids research, 2020, gkaa923, 1-8.
- V. Beulah Vennela & Sr. B. Velangini Kumari, published ‘Dealing with uncertainties during lockdown and pandemic’, IJSET - International Journal of Innovative Science, Engineering & Technology, Vol. 7 Issue 11, Nov R 2020 ISSN (Online) 2348 - 7968 Impact Factor (2020) - 6.72

Paper Presentation

- Mrs. K. Swarnalatha faculty MBA presented a paper on "Comparative study of Selected Travel and Tourism Stocks listed in BSE" at International Conference on Tourism Travel and Hospitality Management-2020 Designing Global Destinations: Trends & Strategic Imperatives" organized by Gitam on 30-31 October 2020
- Mrs. C. Latha HOD, MBA and Mrs. Harshanya Puppala Faculty, MBA presented a paper in National Webinar On “Case Study Analysis Under IBC- Socioeconomic, Political & Legal Issues, Challenges & Implications” On 28 October 2020, sponsored By ICSSR Under MHRD Impress Scheme With Title “IBC, 2016 Case Study Analysis Socio-economic, Socio-Cultural, Legal & Behavioral Perspectives” at St.Pious X PG (MBA) College.
- Mrs. P. Soumya Sree, faculty, dept. of Computer Science Presented a Paper Titled “Educational Disruption during Covid-19” in International Online Conference on human Security and Pandemic on 23rd -24th November 2020, Organized by AMITY University.
- Dr. R. Komala, HoD, Dept. of Physics presented a paper on " Insight into data analysis in Asto Physics in National Seminar organized by Computer Science Department On 27th February,2021
- Dr. P. Sangeetha Lakshmi faculty, Dept. of Physics presented a paper “A Deep reinforcement learning approach to Dynamic Virtual Machine Allocation” in a National Seminar organized by Computer Science Department On 27th February,2021
- Ms. V. Beulah Vennela, faculty dept. of Psychology presented a paper on Nudeg Theory: A Psychological Approach in the National Conference organized by Dept. MBA and Social Sciences on 22nd & 23rd Jan, 2021.

- Mrs. Aarthi Deepak faculty Dept. of Political Science presented a paper on “Political Philosophy, Socio economic development in India “Two-day National webinar on “Socioeconomic, Political and Legal Issues, Challenges & Implications - Interdisciplinary Approach organized by St. Pious X PG (MBA) College for Women, Hyderabad held on 22-23 January 2021.
- Ms. Sravanthi faculty Dept of Public Administration presented a paper on Revival of Sick Industries through Public Policy” in “Two-day National webinar on “Socioeconomic, Political and Legal Issues, Challenges & Implications - Interdisciplinary Approach organized by St. Pious X PG (MBA) College for Women, Hyderabad held on 22-23 January 2021
- Mrs. Malathi Devi HOD Dept. of Economics presented a paper on “Insolvency a Bankruptcy Code “in “Two-day National webinar on “Socioeconomic, Political and Legal Issues, Challenges & Implications - Interdisciplinary Approach organized by St. Pious X PG (MBA) College for Women, Hyderabad held on 22-23 January 2021
- Mrs. Geetha Reddy & Mrs. Maria Pavithra, faculty dept of commerce presented a Paper on “IBC & COVID-19” in Two-day National webinar on “Socioeconomic, Political and Legal Issues, Challenges & Implications - Interdisciplinary Approach organized by St. Pious X PG (MBA) College for Women, Hyderabad held on 22-23 January 2021.
- Mrs. G.Naga Laxmi, HoD, Dept of commerce presented a Paper on “IMPACT OF IBC ON PUBLIC ENTERPRISE” in Two-day National webinar on “Socioeconomic, Political and Legal Issues, Challenges & Implications - Interdisciplinary Approach organized by St. Pious X PG (MBA) College for Women, Hyderabad held on 22-23 January 2021.
- Mrs. Paleena Thulimilli, faculty, Dept of Physics presented a paper entitled “Effect of Calcination Temperature on Photoluminescence Intensity of Sol Gel prepared Sr₂CeO₄: Eu⁺³ Nano Phosphor“in one-day National E-Conference on “Emerging Trends in Physical Sciences” (NCETPS-2020) organized by Dept. of Physics, Arts, Science and Commerce College Rananandanagar, Kolhapur on 22 July ,2020
- Dr. S. Sreedevi, Head Dept of Microbiology presented a paper titled “A Phenomenal Impact of COVID-19 Lockdown on Ecosystem held on 1st & 2nd June 2020, organized by the faculty of Life Sciences, St. Aloysius’ College (Autonomous), Jabalpur (M. P.).
- Mrs. M. Anitha and Ms. V. Srivani, Department of Statistics presented a paper titled ‘Statistics for Data Science’ at Two Day National Seminar on 27th February, 2021 organized by Department of Computer Science and Statistics.

- Mrs. P. Soumya Sree and Mrs. Udaya Lakshmi, Department of Computer Science presented a paper titled ‘Data Science and Applications in E-Commerce Industry’ at Two Day National Seminar on 27th February, 2021 organized by Department of Computer Science and Statistics.

Paper Publication

- Mrs. P. Soumya Sree, Department of Computer published a paper titled “Role and Impact of ICT Innovations in Teaching – Learning” in an International Journal of Innovative Research in Science, Engineering and Technology(IJRSET) Volume 10, Issue 5, May 2021 with ISSN (Online): 2319-8753 & ISSN (Print) : 2347-6710 and Impact Factor: 7.512021
- Dr. R. Komala HOD Physics published a paper on “Effect of Migration on living Standards of Marginalized communities of Murukula Basti, Hyderabad, Telangana with ISBN: 9788-121-22-202-31 by Gyan Publishing House
- Dr. R. Komala, HOD Physics and Dr. P. Sangeetha Lakshmi, faculty, Dept of Physics published a paper on ‘Improved Axial Resolution’ using asymmetric apodization in Novel International Journal of Science and Technology, VOL.1 (1) Pg.No.17-24 on 11thDecember 2020.
- Dr. Grace Beena Paul, HOD Zoology published a research paper on “COVID 19 and SDG’S-Good Health and well-being in a Healthy Environment” in International E-Publication of the book titled “Impact of Lockdown on Education, Economy& Environment in India”. ISBN 978-93-89817-31-7.
- Mrs. Monoshri Mitra HOD English& Mrs. Athalia Samuel, faculty, Dept. of English published a paper titled “A teacher study on the use of students' first language in the English Language Classroom” in the International Journal IJRMF/2021/Vol 7 Issue 24 with ISSN 2455-0620 (online) with an impact factor 6.719.
- Mrs. Monoshri Mitra, HOD English published a paper titled “IELTS- An Alarm to awaken” in the International Journal IJRMF/2021/Vol 7 Issue 24 with ISSN 2455-0620 (online) with an impact factor 6.719.
- Mrs. P. Soumya Sree, Faculty Dept of Computer Science published a paper titled “Effective teaching parameters with reference to English vocabulary” in UGC approved "International Journal Innovative Research In Multidisciplinary Field (IJRMF)" ISSN: 2455-0620
- Mrs. K. Kala Bharathi, faculty department of Computer Science and N. Navyasree Student (IIMPCS) published a paper in Journal of Information and Computational Science with title “Big Data Transformation for Sustainability”, VOLUME 11, ISSUE 3 , 2021, ISSN: 1548-7741.2.

- Mrs. K. Kala Bharathi faculty department of Computer Science is Member of “Editorial Board” of ‘Blue Eyes Intelligence Engineering and Sciences Publication’ and its journal(s) for year 2021-22
- Dr. R. Komala HOD Physics published a paper on “Effect of Migration on living Standards of Marginalized communities of Murukula Basti, Hyderabad, Telangana with ISBN: 9788-121-22-202-31 by Gyan Publishing House
- Dr. Grace Beena Paul HOD Zoology published a research paper on “COVID 19 and SDG’S-Good Health and well-being in a Healthy Environment” in International E-Publication of the book titled “Impact of Lockdown on Education, Economy & Environment in India”. ISBN 978-93-89817-31-7 on 27th July 2020. She served as a member of the Editorial Board of the International E-Publication.
- Dr. Sreedevi Sarsan, Head Dept. of Microbiology and Dr. Vindhya Vasini Roy published a book chapter “Algal Biofuels – Types and production technologies” in book “ Bioenergy Research – Evaluating strategies for commercialization and sustainability” Editors: Neha Srivastava and Manish Srivastava. Wiley Publications. 10 Chapter. Pp 209-244. ISBN: 9781119772095. May 2021.
- Dr. Anjana Shukla, faculty Dept of Botany published a paper on “Comparative Study of Northern & Southern Indian English Teaching and Learning” in International Journal for Innovative Research in Multidisciplinary Field ISSN: 2455-0620, Special Issue of International Web Conference on “Language and Literary Skills and Knowledge Necessary for Professional English” Challenges and Innovations in Teaching and Learning, 18th – 19th February 2021.

Student Publications

- Ms. Preetha (I MGC) published a paper titled “IELTS- An Alarm to awaken” in the International Journal IJRMF/2021/Vol 7 Issue 24 with ISSN 2455-0620 (online) with an impact factor 6.719.
- Ms. Hajra Sultana, Ms. S. Beulah Grace, Ms. T. Naga Sai Manasa (III MPCs) published a research paper titled “Think in English – a method to improve Communication Skills in English” in the International Journal IJRMF/2021/Vol 7 Issue 24 with ISSN 2455-0620 (online) with an impact factor 6.719.
- P. Vignani and B. Vaishnavi (I BA MPML) published a research paper titled “Self-taught methods of learning English: of the students, for the students and by the students” in the International Journal IJRMF/2021/Vol 7 Issue 24 with ISSN 2455-0620 (online) with an impact factor 6.719.
- Pranita Ojha, (I BA MPML) published a research paper titled “English and the Victorian Era” in the International Journal IJRMF/2021/Vol 7 Issue 24 with ISSN 2455-0620 (online) with an impact factor 6.719.

- Kavya Subramanian (I MBA) Published a research paper titled “Listen to understand or listen to reply- Challenges faced by students during placements” in the International Journal IJRMF/2021/Vol 7 Issue 24 with ISSN 2455-0620 (online) with an impact factor 6.719.
- Ms. Rakshana and Ms.Lokeshwary completed a student survey project on “The New Normal” under the supervision of Mrs. Monoshri Mitra
- Tejaswi Khadke (II M.Sc Microbiology) published an article in book titled: Compendium of “RESEARCH INSIGHTS OF LIFE SCIENCE STUDENTS” JPS publications (Volume 2).ISBN:978-81-947154-5-0 .Chapter no. 240 Human insulin.
- Shaik Afreen Razia M.Sc (II M.Sc Microbiology) published an article in Book titled: Compendium of “RESEARCH INSIGHTS OF LIFE SCIENCE STUDENTS” JPS publications (Volume 2).ISBN:978-81-947154-5-0. Chapter 122 “A Journey to make a Cheese”

PROFESSIONAL BODY MEMBERSHIP

Membership in various reputed national and international bodies is encouraged and funded by the Management. The following faculty took up membership in 2020-21.

- Rev. Sr. Velangini, Principal is a member of English Language Teachers Association of India ELTAI
- Dr. S. Sreedevi, HOD, Dept of Microbiology is a Life Member of Microbiologists Society, India with reference no: MSLM/385.
- Dr. Grace Beena Paul, HoD Dept. of Zoology served as a member of the Editorial Board of the International E-Publication.
- Mrs. Monoshri Mitra HoD, Dept. of English is a member of AINET with Individual Annual Membership ID TS000264
- Ms. V Meenakshy Poornima, faculty Dept. of English is a member of ELTAI with Membership ID: 30019529
- Mrs. P. Soumya Sree, Dept. of Computer science is a member of Oracle Academy.

Apart from the above, there are many ongoing/continued memberships and life memberships by Faculty members and Departments.

FACULTY AS RESOURCE PERSON – SHARING EXPERTISE

The faculty shares their expertise in various reputed organizations and acts as valuable resource persons. 36

Lecturers served as speakers and Panel members in a range of events:

- Dr. Sushama, MBA Dept. was a resource person for the course ‘Critical Thinking’ of NIFT, Hyderabad from July 14th to 18th, 2020, and completed the course in 28 hours.
- Royal Commonwealth Society of Malaysia (Youth Affairs) organized an Online International Forum on 07 March, 2021 and the following were invited as speakers as a part of the event.
- Sr.B.Velangini Kumari, Principal and Mrs.G.Naga Laxmi, HoD Commerce spoke on the Topic "Immersive Education, Post Covid - 19"
- Dr. R.Komala Head Dept. Of Physics and Dr. Padmalatha, Dept. of Biotechnology spoke on the topic "Women Feeding the Future- Involvement in Agriculture".
- Mrs. Monoshri Mitra, HOD, English was a resource person and presented the topic “Theoretical Framework of Hoshin Kanri’s Model of Quality in HEIs” on 18th June 2020
- Dr. S. Sreedevi, HOD, Microbiology was a resource person on the topic “Best Practices – Case study of St. Pious Degree College” at RUSA sponsored online Faculty Improvement Programme on professional development for IQAC Coordinators organized by IQAC Osmania University and UGC HRDC & RUSA on 17th August 2020
- V. Beulah Vennela, Department of Psychology has been a resource person for the certificate course on Rehabilitation Psychology organized by Manomantra Psychological and Training Services from 6th – 10th July, 14th – 19th September 2020.
- Dr. S.Sreedevi, Head Dept. of Microbiology, was the Speaker
- On the topic “Sustainable algal Biofuels- Cultivation systems” at international conference on “Climate Change, Environment and Sustainable Development 2020” organized by Red Talks Daily International (IMRF) during 2-3 October,
- Chaired session in 5th International conference on Bioenergy, Environment and Sustainable Technologies & ICONBIO organised by Arunai engineering College, Tiruvanamalai, Chennai held during 29 & 30 January,
- Was the resource person for DCS for NIRF Process for Degree Colleges organized by Institute of Academic Excellence on 29th was appointed as subject expert in CCE expert committee for visiting Government Degree College. NAAC Pre visit at Sadashivpet GDC on 25th January 2021

- Autonomy review meet at Tara GDC Sanga Reddy on 25th January 2021. NAAC Pre visit at NTR GDC Mahbubnagar on 28th January 2021
- Autonomy review meet and orientation Talk on NAAC SSR at MVS GDC Mahbubnagar on 28th January 2021.
- Mrs. P. Soumya Sree Dept. of Computer Science was the resource person
 - On the Topic “Google Class Room” at St. Anthony ICSE School, Bengaluru organized by Dept. of Computer Science on 28th October 2020.
 - “LMS-Google Classrooms” 2-Day online FDP on Online teaching and assessment tools organized by the Department of Computer Science, in collaboration with CSA on 1st – 2nd Oct 2020.
- 20th Feb 2021 - Mrs Aarthi Deepak, Dept. of Political Science was the resource person for guest lecture organized by Dept. of Hindi.
- 20th March: Mrs. Malathi Devi Faculty Dept. of Economics has been a resource person for briefing about NAAC Requirements for Villa Mary College at St Pious X Degree & PG College for Women, Nacharam.
- 22nd & 23rd March: Mrs. Aarthi Dept. of Political Science was a Resource Person for the topic Child Growth & Development & Impact of Socializing for two days Child Psychology Certificate course organised by dept. of Psychology, St. Pious X Degree & PG College for Women.
- 23rd March: Ms. Sravanthi, faculty of Department of Public Administration was a Resource Person for the topic “Impact of TV and Media on children” for Child Psychology Certificate course organised by dept. of Psychology, St. Pious X Degree & PG College for Women.

E-Content for EMRC, OU Ms. V. Beulah Vennela, under the guidance of Dr. Swathi, BOS, OU, is a part of the 10-member team appointed by the Telangana State Government to develop E-Content through EMRC, OU for BA SEM 3 & SEM 1 Psychology for online classes. As per schedule given, E-Content has been developed for Sem 3 Psychology.

Faculty as Panel Members

- Sr. B. Velangini Kumari, Principal was a panelist during a two-day international web series on "Digital Disruption" conducted by Dept. of Commerce. 1st & 2nd October 2020: Mrs. Ch Vijaya Rani shared Creation of Google forms in descriptive Assessment tool as resource person in Two-day FDP on ‘Online teaching and assessment tools’

- Mrs. Udaya Lakshmi, HoD Computer Science coordinated and participated as a panel member in the panel discussion on the topic "Women in corporate world - challenges and solutions" on the occasion of women's day celebrations on 8 March; 2021
- Mrs. P. Soumya Sree, faculty, Dept. of Computer Science acted as a panel for International Web Series on "Digital Disruption" organized by commerce dept. of St. Pious X Degree & PG College for Women, Nacharam.
- Mrs. Sugandhamala Department of Biotechnology and NCC Coordinator was a panelist in an International Web Conference on Language and Literary and Skills and Knowledge Necessary for Professional English" Challenges and Innovations in Teaching and Learning on 18 & 19 February; 2021, organized by Dept. of English St. Pious X Degree & PG College for Women.

PROJECTS AND INTERNSHIPS

PROJECTS

The Institution encourages student projects in collaboration with various organizations. 8 student projects were successfully completed under the able guidance of the faculty.

INTERNSHIPS

The Institution encourages student internships in collaboration with various organizations. Around 19 students completed internships of diverse kinds as follows:

- 1) Ms. Ksheeraja and Dedeepya of MSc. 2nd Year Microbiology students are selected for paid internship at Telluris biotech Pvt Ltd, IKP knowledge Park Genome Valley, Shamirpet.
- 2) **Ms. Shravika 3rd BA EPP:**
 - a) Interned with Voice 4 Girls in July 2020. Taught leadership skills to the girls from marginalized communities as a part of the internship.
 - b) Intern, Member of the Creative team at Vridhi Foundation, an NGO working to conserve biodiversity, sustainable living, mental health through the I Pledge3 campaign.
 - c) Intern member at Muskurahat Foundation.
- 3) **BBA III Year**
 - a) Suhasitha, Shivani, Shirisha, Udaya, Saniya, Sher Keerthana Reddy, Suman, Shilpa, Shravanthi, Chandana, Meghana Sales and marketing internship - Universal tribes from May 20 - June
 - b) Kyasa pooja - Employee's satisfaction - Spectra assistive technologies from Feb 18 - April 18

4) **BBA II Year**

- a) S. Vaishnavi - Sales and marketing internship - Universal tribes from May 20 - June 20
- b) Miss. Hirshita Biswal - Coordinating Manager at Apple play school from August 2018 to till date

5) **MBA:**19 MBA students from I and II yr have been selected for Internshala Internship. Internship Day 2021 - The college has been ranked 177th All India Rank out of 2000+ colleges participating colleges across India; ranked 62nd Zonal out of 607 participating colleges with 481 registrations, 1447 applications and 41 selections (from 1st April - 10th June 21)

6) M.Sc Physics Students completed 3 Weeks Internship Program “Vigyana Vidhushi” offered by Homi Baba Centre of Science Education, TIFR, Bombay from 31st May to 21st June,2021

CERTIFICATE COURSES OFFERED

- **Department of BBA** offered certificate course on Capital Markets with NISM Certificates for BBA and BCom final year students on August 21st 2020. Dr. Sushama, Head, Department of BBA was the resource person. Course contains four modules’ Fundamentals of capital markets, Kyon Mutual Funds Sahihai, Fundamentals of Derivatives and Currency Derivatives. The Duration of course is 10 hours.
- **Entrepreneurship Development cell** offered certificate course titled 'Entrepreneurship certification course from 16-21, Nov 2020 in collaboration with Ideovate labs. 246 students across all streams of UG and PG registered. 8 eminent and successful entrepreneurs at National and International level trained the students on various concepts of Entrepreneurship It covered topics related to myths of entrepreneurship, idea generation, pitching, creating business plan, fund raising and limitation.
- **Department of Business Management (BBA)** organized an online certificate course on Digital Marketing in association with Acumen Connect from 13th October 2020 for II BBA students. Department of Computer Science organized an Online Certificate Course on “AI Early Coding and developing an Animated Game” in Association with TITA and University of Texas Dellas from 2- 9th Nov 2020.
- **Department of Psychology** in collaboration with Gregorian University, Rome, Italy, has encouraged participants from the Six Months International Certificate Course to **conduct webinar** on various issues surrounding Child Sexual Abuse. All the webinars were conducted in the month of February. 12 participants conducted webinars for different schools and colleges around Telangana and Andhra Pradesh.

- **Department of Biochemistry** in collaboration with Medesun Health care Solutions offered a Certificate course on **Medical Coding and Medical Billing** for all UG & PG Life science students from 19th May to 26th June, 2021.

INTERNATIONAL CERTIFICATE COURSES

- Dept. of Mass Communication introduced an International Certificate Course for all BA students on "Virtual Public Speaking for Professionals" with Gino Perrotte, founder Right Brain Journeys. The one-month course specifically designed for Piousians
- Dept. of Economics organized a Certificate Course on "Digital Marketing" with Piyal Gupta, founder Ocelli Arts Pvt. Ltd. The duration of the course span was one month and designed for all students of BA
- Ms. V. Beulah Vennela, Department of Psychology in collaboration with Gregorian University, Rome, Italy, encouraged participants from the Six Months International Certificate Course to conduct webinar on various issues surrounding Child Sexual Abuse. All the webinars were conducted in the month of February. 12 participants conducted webinars for different schools and colleges around Telangana and Andhra Pradesh

MOU and LINKAGES

The Institution links and collaborates with reputed industries and premier institutes for student exchange programs, workshops, placements, Internships, Research projects, for establishment of student Chapter, Educational tours, medical camps, and e-waste management and for outreach programs

1. Department of Psychology and Social Sciences collaborated with YWCA of Secunderabad in July, 2020. It was decided that every month on every third Tuesday a webinar would be conducted on different topics related to women empowerment. In the very first webinar held on 21st July, 2020.

2. **Department of English** has signed a Memorandum of Understanding with:

- TOURHQ Limited to organize virtual tours

Across the Monde Travel and Tours (ATM), Airlines Agency. ATM offers a diploma in Travel and Tourism every year. Many students have been placed in very good positions in Airlines after pursuing this diploma course

- Signed an agreement form on 29th May 2021 with Research Culture Society and Publication to publish books with ISBN and Journals with ISSN

3. Department of Computer Science signed an MOU with SANSAAH INNOVATIONS PVT. Ltd. on 23rd March, 2021 with the purpose of academic and professional exchange between two organizations.

4. Department of Library & Information Science initiated Animal adoption Programme collected twenty thousand as donations and handed over the cheque to the curator, Nehru Zoological Park on 30/3/2021 adopted one pair of Peacock through MOU between Curator, and St pious College for one year. i.e., 1-4-2021 to 31-3-2022.

5. ED Cell MOU: On 09 February 2020, an MoU was signed between St. Pious X College and Ideaovator Solutions to promote entrepreneurship.

6. The Department of Chemistry signed an MOU for Academic and Scientific Cooperation with Department of Chemistry, Raja Bahadur Venkata Ram Reddy Women's College, Narayanguda, and Hyderabad on 23rd March, 2021.

7. The Department of Statistics signed MOU with Department of Mathematics & Statistics, RBVRR Women's College on 23rd March, 2021 for the purpose of academic and professional exchanges between two organizations

8. IQAC MOU with Mentor Minds, MoU with (NATFM) National Academy of Telecom Finance & Management Jeevanopadhi.Com, Training and Assessment (TAC). The common vision of empowering the students by imparting the industry relevant skill set increasing their employability

9. On 8th October 2020 Department of Commerce has taken a Memorandum of Understanding with (NATFM) National Academy of Telecom Finance & Management Gachibowli Hyderabad. The purpose is to enhance collaboration for the exchange and advancement of knowledge and to promote regional cooperation in tertiary education at internationally acceptable standards. SAP -FIFO Certificate Course was conducted from 05 to 20 October, 2020 (30 hrs.). 15 students enrolled for this course. It is to enhance collaboration for the exchange and advancement of knowledge and to promote regional cooperation in tertiary education at internationally acceptable standards. SAP -FIFO Certificate Course was conducted from 5th October to 20th Oct, 2020 (30 hrs.). 15 students enrolled for this.

10. Department of Commerce signed MOUs

- With Acumen Connect for arranging a certificate Course on Digital Marketing was signed on 12 October, 2020. 43 students of BBA II had taken this course was for 35 hours. On 11 November, 2020
- With Jeevanopadhi.Com Training and Assessment (TAC). The common vision of empowering the students by imparting the industry relevant skill set increasing their employability
- On 20th January 2021 with Acumen to conduct "Design Thinking" Course for all the B. Com I year Students.

STUDENTS' HOLISTIC DEVELOPMENT

The Institution aims at the Holistic Development of the students' personality through Academic, Extra and Co-Curricular activities. Orientation programmes, Enrichment programmes, Exchange programmes, Placement activities, Field trips, Club activities, Intra and Inter College Competitions, Sports, Extension and Outreach programmes and Celebrations help them exhibit and develop their talents significantly in a creative way:

ORIENTATION PROGRAMMES

Orientation Programmes are conducted by all departments, Committees and Cells to specify the activities, roles and responsibilities, objectives and purpose of each. They help the students in deciding their focus areas and build up a holistic personality. To encourage knowledge building, creative thinking, ethical behavior and all-round development of the students, eminent speakers were invited to focus on diverse topics in orientation sessions

First Years First year students and Parents Orientation was organized by each discipline at the beginning of the academic year from 21st September to 25th September.

Online Project Orientation For 2nd MBA students was organized by Mentor Minds on 7th December, 2020.

Orientation Program on Design Thinking Dept. of Commerce organized an orientation on "Design thinking" on 12 January 2021 for B. Com First year students in collaboration with Acumen. The resource person was Mr. Nagarjuna Yadav CEO Acumen Connect & Design thinking coach.

Orientation Program on Robotic Process Automation 12 October 2020: A webinar was organized for Final Year BBA and MBA students on the topic 'Robotic Process Automation' by Department of Business Administration in collaboration with Sansah innovations Pvt Ltd and knowledge shared by Sanjay Kumar Chepuri, managing Director, CEO, Sansah innovations Pvt

Project writing The Department of Political Science organised an orientation on Project writing for all the students of BA EPP/PPML 2020-21 on 17th April'2021

Orientation towards Internship Opportunities with TIMES GROUP was organized by Commerce Dept. for all second-year students on 07th March, 2021 on the topic, "Women Can Too"- International Forum, 2021 on Immersive Education was organized by Commerce Dept.

Toastmasters International Dept. of English organized orientation sessions by Toastmasters International, a worldwide non-profit educational organization that empowers individuals to become more effective communicators and leaders on 8th May 2021, for faculty members from all departments and on 21st May 2021, for all 1st year UG students. 24 students enrolled for the upcoming activities by TM and received

certificates of participation in different portfolios. Ms. Sakshi (1 BTBC) and Ms. Joyce (1 MSCS) took charge as student representatives from the college.

Student Welfare Committee. The Student Welfare Committee in the college arranged an orientation programme for all I year students on 22nd and 23rd Feb 2021 for I BA, I B. Com, IBBA, I B.SC Life sciences and Physical Sciences to acquaint them with the objectives and operational procedures of various committees that cater to the needs of the students. The success of education is the manifestation of character and conduct. Hence the committee considered it as essential to educate the students on the code of conduct given by the Institution. Ms. P. Soumya, Student Welfare

Orientation on various Committees: The coordinators of all the Committees introduced the committee members and explained the students about the functioning of the committees, their objectives and various activities taken up by them.

Five Day Induction Program for MBA - 2020-2022 BATCH A five-day orientation program was organized for the students of MBA first years from 5-9 January, 2021 in a combination of both online and offline sessions about the course and curriculum on G- meet.

BIG DATA: Dept. of Statistics organized an orientation on “Big Data” for B.Sc (MSCS & MPCS) 3rd year students on 10th October, 2020. 100 students participated. The resource person was Mr. Suraj Ghimire, Founder of Online Learning Centre, Consulting for Apple, Hyderabad.

INSPIRE: Department of Physics organized an online orientation session ‘INSPIRE’ on preparing SET for PG students on 19th November, 2020. The resource person was Mrs. K.Vani, an alumna of St Pious X College.

STUDENT ENRICHMENT PROGRAMMES

- The Department of Computer Science organized a 2 Day Student Development Program on 19 -20 Feb, 2021, topic “Online Classroom Learning”
- The Department of Mathematics & Economics in collaboration with Lions Club International organized a capacity building ‘Student Talent Enhancement Program (STEP)’ on 23-02-2021. The session has started at 1.30pm on the Zoom platform. The target group was III B.Sc (MPC, MPCS, and MSCS) & III B.A. Total number of 256 students has participated in the session.
- The Department of Zoology, organized an Online Student Centric Activity on 5 June; 2021, “Best out of Waste” in Collaboration with ITC, WOW, on the occasion of World Environment Day. The theme

was “ACT TO RESTORE”. 150 students participated and uploaded the pictures of the best out of waste this will be followed by offline exhibition

- A Special ET Post budget discussion in collaboration with Economic Times was organized for MBA and BBA students on 4th February 2021
- Tele Counselling Ms. V. Beulah Vennela, Lecturer, Counselor, certified Rehabilitation Psychologist, through Rehabilitation Council of India, Sahayam Counseling Center Osmania University and Snehitha College Counseling Cell, has been rendering tele-counseling support to all the citizens of India. She has also been receiving international calls for emotional help.
- Online Prayer Group “WINGS” Prayer warriors of the college started a prayer group Women in God’s Service- WINGS, to strengthen our bond with God and inculcate spiritual inclination among students. Prayer is conducted on the first Saturday of every month where eminent speakers are invited to share the word of God.

STUDENT EXCHANGE PROGRAMS

Student exchange programs benefit students in learning from diverse faculty and at the same time faculty gets the opportunity to interact with a variety of students with different approaches and ideas which improves their teaching skills & methodology.

Raja Bahadur Venkata Ram Reddy Women’s College

In order to facilitate the process, St. Pious X Degree & PG College for Women collaborated with RBVRR Women’s college to develop plans for a one-week Student & Faculty Exchange program from 2-9 December, 2020 for M.Sc. Organic Chemistry final year students. 60 students and 6 faculties of both the colleges participated in the program. Dr. Jeevan Jyothi, Head department of Chemistry, RBVRR College and Mrs. Archana Juyal, Faculty St. Pious X College spoke on ‘Synthetics reagents. Dr. Sudha Swaraga, Faculty, Department of Chemistry, St. Pious X Degree & PG College for Women delivered a talk on ‘2D NMR Spectroscopy’. Dr. Umaima Gazal of Reddy College shared her knowledge with the students on the topic ‘Organic Nanomaterials’. Dr. B. Anupama, IQAC Coordinator, Faculty, Reddy College enlightened the students of St. Pious X Degree & PG College for Women on the topic ‘Conformational analyses and Mrs. Bharti, Faculty, St. Pious X Degree & PG College for Women delivered her lecture to the students of Reddy College on the topic ‘Synthetic Strategies’.

PLACEMENT CELL - ENHANCING EMPLOYABILITY! CREATING OPPORTUNITIES

The Placement Cell of the College has achieved great success in developing the employability of the students and creating opportunities in placements through various fruitful collaborations with TASK, MNCs and other companies. It organized various pre-placement, placement and career orientations, placement drives and supported in recruitments in spite of the pandemic. A few of them are:

- **Placement Orientation** was conducted on 3rd, 6th and 12th June 2020 for 500 final year BSC Physical sciences, BSC Life sciences, BA, BCOM and BBA students to guide them in placements.
- **“Personality Development and soft skills”** On 31st October 2020, Placement Cell in collaboration with Statistics Department organized an online webinar on “Personality Development and soft skills” for final year students of Physical Sciences. Mr.P. Uday Shankar, Programme manager from Cap Gemini is the resource person of the webinar.
 - **Mahindra Pride training programme** 9th– 16th February 2021: TASK Mahindra Pride training programme conducted for TASK registered students of MPCS and MSCS as Batch 1. Communication skills, Interpersonal skills, Motivational skills, Group discussion skills, Decision making skills, Personality development skills were taught during the online training for 2 ½ hours a day.
 - **MBA Placement Activities:** Pre-Placement: Placement cell of the MBA department organized a webinar series on “Industry readiness of Management grads -2021”, between 5th November, 2020 and 23rd January 2021

CAREER GUIDANCE

To endow students with various career perspectives, our college conducted various career guidance programmes.

EMERGING CAREERS IN CLINICAL RESEARCH: Departments of Microbiology & Biochemistry in collaboration with ACRI organized a Webinar on "Emerging Careers in Clinical Research" on 11 December, 2020 on Microsoft team's platform. Dr Smitha Vikram & Dr Divya Sunil, Dentists, Avigna Clinical Research Institute, Bangalore spoke on various opportunities in Clinical Research and guided students in creating a productive action plan towards their goals.

HIGHER EDUCATION OPPORTUNITIES On 24 December, 2020 Department of Statistics organized Career Guidance session for III MSCs on “Higher education opportunities” – How to prepare for entrance exams and competitive exams, on 24.12.2020 on Google meet platform. Resource Person: Mr. Kanaka Reddy, Insights Institute of Mathematical Sciences, Hyderabad

Department of Botany & Biotechnology organized a webinar on “Career Guidance in Life Sciences” on 11Feb; 2021 with an aim to get insight of various career options of under graduation. The resource person was Dr. Arpana Sharma faculty from Bio setup Life Sciences organization which is MSME registered with Govt. of India.

FIELD TRIPS – EXPERIENTIAL LEARNING

Academic Field Trips enhance the content of a course by providing hands on experience and equip the students with information hard to understand in the classroom. Various departments organized such course related trips to off campus locations offering practical knowledge to excel in their academics.

SHAKESPEARE’S VERONA: A WALKING LIVETOUR IN ITALY: A highly interactive walking tour live-streamed from the streets of Verona, Italy -the setting of William Shakespeare’s play “Romeo and Juliet” was arranged by the Dept. of English in collaboration with ‘Tour HQ’. 80 students from BA, BCom, BSc and BBA registered and enjoyed the tour on 27 October, 2020. The knowledgeable and competent tour guide Mr. Francesco Mazzai walked through the city of Verona and led the group to experience & relate live with the picturesque and culturally rich city. He answered many queries of the students and helped them explore the place filled with the essence of splendid literary heritage, sculpture, cuisine and romance.

AWARENESS PROGRAMMES

Various Awareness Programmes were conducted on Road safety, World Tourism Day, Climate Change and Self Injury Awareness Day on the online platform.

CLUB ACTIVITIES

STRATA CLUB (Statistics)

An intercollegiate competition STRATA DUEX was conducted on 4th June, 2020. In this event, Piction and Quiz competitions were conducted. Students and faculty from various schools and colleges participated in this event. Participation certificates were issued to all the participants. The Club celebrated National Girl Child Day on 24.01.2021. B.Sc (M.S.Cs) 1st year students were given Power Point Presentations. On this occasion club organized Quiz and Article Writing competitions for students.

TARUNI CLUB (Telugu) - On the occasion of Sankranthi Festival, Taruni Club organized an activity to know the rituals of this festival.

PHENOPINE CLUB (Psychology):

- Initiated Angel Network on 13th December, 2020 in the college with the objective to build a strong pro- social community in college and society.
- Conducted a club activity – Installation of New Phoenophin Club Members along with the Booklet with the title – Courage to be mad (Make a Difference) and Journal 1 & 2 release for the year 2020-2021. Principal – Sr. B. Velangini Kumari and HoD, Dept. Social Sciences – Mrs. Malathi Devi installed the new members and released the booklet and journal on 24th Feb, 2021.

BIOMYSTERY CLUB (Biochemistry) held an Outreach Programme on 1^{2th} March, 2021 as a part of Biomystery Club Day Celebrations. Students and faculty collected soaps and biscuit packets through one week and the volunteers distributed them to the roadside dwellers and needy people in collaboration with Sri Rajmatha Foundation, NGO, Chengicherla. The main objective of this programme was to inculcate the spirit of compassion among the students.

Dr. JOHNSON’S LITERARY CLUB (English)

- “Lockdown Diaries” by students of B. A, B. Com, BSc, were published on Instagram.
- Smt. Sarojini Naidu’s Birth anniversary was celebrated by conducting various competitions like Poetry recitation, Quiz and essay writing.
- English Language Day was celebrated on 23rd April 2021 where students performed from Shakespeare and presented PPTs.
- A sum of 14, 871 was donated to Lalana Welfare and Orphanage with contribution from UG students, who interacted with the children of the organization online on the English Language Day.

INTERCOLLEGIATE COMPETITIONS – EXHIBITING SKILLS AND TALENTS

The year 20 - 21 was really challenging with Pandemic Department of Microbiology organized e-Poster competition on the theme “COVID-19 Pathogenesis & Treatment” where students from various colleges participated and the best 3 posters were awarded cash prizes.

Elocution: "VAKTAVYA"

COVID-19 Lockdown - a Paradigm shift of Education from Offline to Online

Department of Chemistry organized an Elocution competition titled “VAKTAVYA” COVID-19 Lockdown - A Paradigm shift of Education from offline to online, on 30th July, 2020

Intercollegiate competition on indian stock market: The Department of MBA organized an intercollegiate quiz competition on Indian Stock Market on 29 October 2020. 74 students from various colleges participated in the quiz.

E- Journal Cover Page Design competition

The department of Botany & Biotechnology organized an Inter Collegiate Competition on:

E- Journal Cover Page Design with Title: Bio – Botanica.

The best design was awarded with certificate.

In view of Institution Day celebrations various competitions were held:

1. PADYA SRUJANA - Poetry / Micro-Tale Writing (Theme: Campus happy hours)
2. NRUTHYANJALI - Dance Pass On / Dance Collage (Group dance, videolimit 4-5 min,).
3. ANULIPTHA CHITHRAM PRAESHANAM - Snap and Share (Dress up in a particular Style /Culture with Innovative Tagline and Caption Description)
4. GAANA SPHARDHA - Singing Competition (Theme: Love, Compassionate, Care and Happiness)
5. SRUJANA, CHITHRA - Sketching / Painting (Theme: Happiness Peace)

The response to these competitions were very encouraging, in spite of COVID-19 pandemic

Around 200 students virtually participated in these competitions. Certificate for winners and participation certificates for participants were given.

On the occasion of National Science Day, Department of Physics conducted online open competition on "My Innovation Dream Gadget-2050 from 21st-27th February, 2021 for all School and College students

NATURE PHOTOGRAPHY

The Department of Biochemistry organized an intercollegiate competition on "NATURE PHOTOGRAPHY" from 12th to 19th August, 2020 in which more than 120 students of various colleges participated and showed their creative talents. The winners were given cash prizes along with the certificates. TELANGANA'S FESTIVAL OF FLOWERS- BATHUKAMMA A virtual intercollegiate competition during the season of Dusshera and Telangana's festival of flowers-Bathukamma. The competitions were Sway- Dandiya & Bathukamma - Flower festival. The last date of entries was 27 Oct, 2020. 23 participants participated and won prizes:

RANGOTSAV- COLOURING TO RENEW On the occasion of Makara Sankranti, the cultural committee conducted Rangostav- Colouring to Renew (Rangoli competition) for teaching and non-teaching staff on 12 January, 2021. 19 teams participated and in making artistic rangoli designs.

On the occasion of World Environment Day, Eco committee organized an e-poster and inters – collegiate competition in poetry writing on 4th June 2020. The theme was “Restoring the Nature”. This competition was conducted with an aim to bring awareness in student community how nature was rejuvenating herself during pandemic when pollution by human beings has stopped.

Around 70 participants from various colleges of Telangana, Maharashtra, Rajasthan and Tamilnadu actively participated. The best e-poster and poetry was awarded with appreciation certificates and others were awarded with participation certificates.

Department of Chemistry organized an Intercollegiate ONLINE QUIZ COMPETITION on Riddles in Chemistry ‘Chemzeal IV-An Innovation in Chemistry’ on 27th March, 2021 as a part of Halogen club activity

Intra College Competitions – PIOUSIANS TAPPING TALENTS!!

On 16th Feb 2021 –Department of Political Science organized PAINTING, SLOGAN WRITING, and POETRY COMPETITIONS on account of Pulwama attack for B. A, B. Com and B.Sc. students.

Department of Business Management in collaboration with Eco-committee organized Inter departmental ESSAY WRITING COMPETITION on the theme “Alternatives to Single -Use Plastics” on 3rd April, 2021.

Department of Physics, conducted online open competition on "**My Innovation Dream Gadget-2050**" from 21st-27thFebruary, 2021 for all school and college students and organized a webinar on "**Need of Innovation for Athmanirbar Bharat**" in association with VIBHA, an NGO.

EXTENSION AND OUTREACH PROGRAMMES

Institutional Social Responsibility- Support neighborhood Slum

As an initiative to support the less privileged in our society, the Institution has adopted a slum at Nacharam to work for its betterment. In this slum there are about 160 families who need the support of the society in fulfilling their basic health and educational needs.

- The Department of Social Sciences in collaboration with Lions Club organized a Mega medical camp for underprivileged residing in a slum area in Dammaiguda on 9th March 2021, held at Lotus Function Hall, Dammaiguda. Various check-ups were organized including dental camp, sugar/BP check-up, general check-up and an eye camp. The contributions from the students in college of a mask and sanitizer donation .Theywere distributed among the elderly underprivileged as well as residents of the slum area. The camp was a resounding success with about 200 beneficiaries.

- The Department of Social Sciences in collaboration with lion's club organized a mask donation drive on 18th March
- The Dept. of Hindi organized Staff Development Programme for the Support Staff of the college on the topic -' Communication Skills in Hindi' from 15 to 19 February 2021

NSS ACTIVITIES – NOT ME BUT YOU

The National Service Scheme Unit I & II wing of St. Pious X Degree and PG College for Women is extremely active in its preparedness to serve the Nation in diverse ways.

1. **Making and distribution of Sanitizer:** NSS unit-I & II along with the Department of Chemistry, prepared and distributed sanitizers as a part of social responsibility to fight the pandemic COVID-19. The activity was done in first week of June. Financial support was given by the management of the college and NSS.
2. **International Yoga Day:** NSS Unit-I & II conducted online yoga session on 21st June 2020 by Mr. Pankaj, a certified yoga instructor. All the NSS volunteers, NSS Committee members and all the faculty of the college participated in the session. Mr. Pankaj gave the awareness of practicing yoga in daily life followed by demonstrating some yoga practices which the participants performed along with him. He clarified the participants' doubts regarding some health issues and suggested some yoga practices to overcome them.
3. **Online Quiz Competition:** NSS unit-I & II together conducted online intercollegiate Quiz competition for five days which started on 8th June, 2020 on the theme Awareness on COVID-19. 700 participants participated and made it a huge success. Participants who scored more than 50% marks received E-certificates.
4. **Harithaharam** (Intercollegiate Competition): NSS Unit-I & II together conducted intercollegiate competition as part of *Harithaharam* program in the last week of July 2020. As part of this program, five different competitions were conducted: Painting (Theme: Harithaharam), JAM (Theme: Rare Plants), Slogan Writing (Theme: Harithaharam), E-Poster (Theme: Harithaharam) and Photography (Theme: Biodiversity). Around 60 participants participated from various colleges in twin cities. Participating Certificates of participation and winner certificates were awarded and the winners received prizes from collegepost *Lockdown*.
5. **Haritha haram (Intracollegiate):** NSS Unit-I & II together conducted *Harithaharam* program students in the last week of July 2020. They were asked to plant a tree and give a caption and send the photograph to the NSS committee. 30 Students participated in this program.
6. **Independence Day celebrations:** The NSS Unit 1 & 2 of St Pious X Degree & PG College conducted an online Inter-college Essay writing Competition on of India's 74th Independence Day celebration on various

themes - New Education Policy – Boon or Bane, Aatma Nirbhar Bharath, India: Then & Now after 73 Years of Independence, Nature for our Future and Mahatma Gandhi's ideology of Peace & Love.

7. **Fit India Movement:** The NSS unit 1 & 2 Volunteers of St Pious X Degree & PG College participated in Fit India Movement on the theme – Freedom from Lethargy to Live Healthy Life as directed by Ministry of youth affairs & sports from 15th August to 14th September 2020. The NSS volunteers practiced Fit India Movement at home with their family and friends. They promoted it by making e-posters and sharing on their social media platforms. The activities they carried out were jogging, running, yoga etc.

8. **NSS Constitution Day:** On 26th November an online meeting was held for all the NSS volunteers on drafting of Indian constitution and rights and duties of the citizen by the Constitution.

9. **Netaji Subhash Chandra Bose Jayanthi** the NSS Units I & II of St Pious X Degree & PG College for women celebrated Subhash Chandra Bose Jayanti on 23rd January 2021

10. **NSS Volunteers at Mulam market:** On 20th February 2021, as part of the NSS activity, 10 NSS Volunteers of unit I and II had been to SAAYAM SANTHA which was organized by MULAM at MARRI KRISHNAHALL, Tarnaka. MULAM is an NGO whose aim is to take back people to the roots of our tradition, culture, and lifestyle. As a part of this, they have come up with the idea of SAAYAM SANTHA which is an evening market. There were wide ranges of products available in this market like organic vegetables, homemade snacks, earthenware, organic grocery which includes honey, ghee, millets; handloom clothing, gardening materials, plants, and many more.

NATIONAL CADET CORPS – NCC

NCC aims at development of leadership qualities, discipline, strong character and spirited mind that could be of use in national emergencies.

1. **Lighting Candle, Diya [Or] Mobile Flashlight:** Prime Minister Mr. Narendra Modi asked the Indians to stand united in the fight against coronavirus in an attempt to show the unity of 1.3 billion people. He asked Indians to switch off the lights in their homes and light candles, diyas and mobile flashlights. All NCC cadets participated of 7[T] GIRLS BN NCC with full uniform and lit candles. All the cadets participated and showed our unity towards the nation on 5th April, 2020.

2. **International Yoga Day:** On the occasion of international yoga day 7[T] GIRLS BATTALION organized a campaign on 21st June 2020, in which cadets also participated. The aim of the campaign is to create awareness among the people of the society that yoga is a part of our life; every individual has to include yoga and exercises in their busy schedule, because yoga keeps us mentally and physically fit.

3. **NCC1 Telangana Girls Battalion (Secunderabad group)**

- 28 cadets (UG 1st yrs- 26 and 3rd yrs- 02) enrolled for NCC 1 (T) Girls Battalion in the month of February and actively involved themselves in all the activities. The Cadets attended NCC Online classes on Google Meet from 25th April 2021.
- The Cadets of 1(T) Bn Sec-bad Group (St.Pious X Degree & PG College) took part in NCC Digital Forum:
- The cadets registered in MyGov NCC Website Diksha (APP) which is IGOT Course on *Basics of Covid-19*. 27 Cadets completed the course and received acknowledgement certificates.
- The cadets made awareness Videos on Covid -19 and Yogasanas on the eve of International Yoga Day to illustrate the Importance of Yoga and Health.

4. **[T] NCC Girls Bn: Inspection-** St. Pious X College got allotted with separate NCC unit from 1(T) NCC Girls BN under Self Financing category. Inspections were held for the above to recognize our college for allotment of separate unit on 21 January 2021. 4 committee members visited college to inspect college facilities for awarding recognition. 4 members committee includes Major Col. Ramanuja Singh CO (Commanding Officer), Major Aditi Singh AO (Administrative officer). NCC SELECTION- NCC Students selections were held on 30 January 2021 in the college campus.

- The cadets registered in MyGov NCC Website Diksha (APP) which is IGOT Course on *Basics of Covid-19*. 27 Cadets completed the course and received acknowledgement certificates.
- The cadets made awareness Videos on Covid -19 and Yogasanas on the eve of International Yoga Day to illustrate the Importance of Yoga and Health.

5. **Pulse Polio Immunization Programme:** 31 Jan to 02 Feb, 2021: The Cadets of our college were allotted duties in Addagutta and Musheerabad at the POLIO Booth at different locations on 31-01-2021, 02-02-2021 and 03-03-2021. The Cadets performed door to door survey for POLIO and even gave the POLIO drops to the Children 1(T) NAVAL SECUNDERABAD · Cadet P. Sravani, III MGC got selected for PRE-IGC in RDC selections held from October 2020 ·

6. Our cadet Ms. P. Sravani III MGC attended a Cadre Camp held from 02- 06 Jan 2021.

7. **Online Classes for NCC Cadets:** Due to the sudden outbreak of corona virus complete lockdown was implemented, from 5th July, 2020, our unit started online classes, every week on Tuesday and Wednesday the online classes were taken by ANO faculty and PI STAFF. The theory part of the NCC subject was completed with the help of online classes. All the cadets of college attended the online classes.

8. **Kargil Vijay Diwas**-On the occasion of Kargil Vijay Diwas, celebrated every year on 26th July as Kargil Vijay Diwas to rekindle the pride and valor of the soldier, who took part in operation Vijay. The day marks the victory of Indian soldiers in recapturing the mountain [TIGER HILL] which was firstly occupied by Pakistan army. Due to the lockdown NCC units organized online celebration and competitions on poster making, patriotic song, poem and essay writing and encouraged students to participate.

9. **Independence Day** - [15thAugust]: The Independence Day of 2020 was celebrated online due to the lockdown, the NCC UNIT commanding officer of 7[T] girls battalion hoisted the flag and the cadets participated through online.

10. **Aathma Nirbhar Bharath Awareness Campaign:** 7(T) NCC Girls BN organized an online campaign from (10thAug to 15th Aug, 2020) through poster making, slogan writing and debate on ‘Ban on Chinese APPs’, Blog/Vlog on AatmaNirbharBharath, Poetry on “Vocal about local and Essay writing competitions on the topics “Make in India” and ‘Vocal about Local’. Quiz Competition was also conducted. All the 18students participated in the above competitions. And our college won prizes in Debate, Poster making and Essay writing. The campaign was held for 5 days. All the video recordings were posted on Youtube and other social media networks to create awareness to use only Indian products and promote Indian goods.

COVID CONTRIBUTION

Dept. of Chemistry prepared 75% Isopropyl alcohol-based Hand Sanitizer by adopting the procedure commended by the World Health Organization (WHO) in the absence of the availability of commercial Hand Sanitizers as part of Covid-19 Mitigating step on 4thJune,2020. The Hand sanitizer prepared was distributed to the neighborhood community, non-Teaching staff of the college also used in the college premises as a precautionary measure during COVID-19 Pandemic.

75% Isopropyl alcohol-based Hand Sanitizer Preparation by Department of Chemistry, 4thJune, 2020.COVID-19 Warriors: Supriya and Anusha of MSc. 2nd Year Microbiology students are selected for job in Yashoda hospital and are trained to take up COVID-19 tests.

UNNAT BHARAT ABHIYAN (UBA)

The journey of St. Pious X UBA started on 25thNovember 2019. Mrs. Geetha Reddy, UBA coordinator, led the UBA team through various development programs. A webinar on ISR was organized for the students of St. Pious X on 19th June, 2020. Mrs. Geetha, the UBA Coordinator and Mrs. Paleena, faculty, Dept. of Physics, addressed the students and explained them the importance of social responsibility and their role in promoting it. An orientation on PEARL/UBA was organized 23rd and 24th February for all the first-year students.

On 17th July UBA team participated in a competition "Unnati Ki Kahani Chitro ki Jubani" with 4 Photos and 80 words, a 20-word caption for each photo, organized by National Coordinating Institute, IITD - with the following details: The journey of St. Pious UBA, Understanding the problems at the adopted villages, Supporting women to earn their livelihood by donating sewing machines, Supporting the weavers of adopted villages to put their stalls in the college and help them in eliminating the middlemen and increase the sales.

Other initiatives of UBA:

SWACHHTA ACTION PLAN

A Swachhta Action Plan for practices of Swachhta and Reduction, Reuse and Recycling of Resources in the campus was prepared and sent to Mahatma Gandhi National Council of Rural Education Higher Educational Department MHRD-Govt of India by the UBA committee of the college received certificate from the same on 12 August, 2020.

Certificate for Swachhta Action Plan Institution: St. Pious X Degree & P.G. College for Women is a Recognized Swachhta Action Plan Institution by Mahatma Gandhi National Council of Rural Education Department of Higher Education, Ministry of Human Resource Development Government of India. The Institution has successfully formed the Swachhta Action Plan Committee and constituted the working groups post COVID-19 for Sanitation & Hygiene, Waste Management, Water Management, Energy Management and Greenery along with the observation of two environment related days to inculcate in faculty, students and community, the practices of Swachhta and Reduction, Reuse and Recycling of Resources.

UBA Committee attended a webinar on NEP -2020: On 16th September 2020 a webinar was organized by IIT Delhi for volunteers of UBA/NYKS/ NSS/ NCC on National Education Policy 2020. In this special webinar Defence Minister, Education Minister and Youth Affairs Minister spoke about the New Education Policy to make students/ teachers aware of it. The UBA Committee Members and students attended the session

UBA Committee Meeting: An online meeting was conducted for all the UBA committee members and Volunteers to discuss the NEP -2020(National Education Policy 2020) and to plan how to create awareness among the faculty and students to create awareness among the students about NEP-2020

Sensitizing about NEP-2020: Bulk mails were sent to 250 members including the staff and students of various colleges, with a Broucher and PDF with the details of NEP- 2020

Sensitizing about NEP-2020 by UBA: The UBA committee members conducted sessions on 23 September, 2020 on NEP -2020 in their respective classes to make students aware about the new policy of education around 400 students got the awareness about the NEP -2020 through these sessions

23rd September:(E-quiz on NEP-2020): An online quiz was conducted on NEP 2020, 482 participants have attempted and got awareness about NEP -2020

Competition on Aatmanirbhar, by UBA: A competition for Aatmanirbhar Bharat VIBHA and Unnat Bharat Abhiyan was organized for students. Participants were invited to present their ideas for the Aatmanirbhar Bharat on the following broad topics:

- Toys for kids: Educational and creative.
- Improving health care: Prevention, Diagnosis and Treatment.
- Temporary shelters & Mobile Health care system during disasters & big events.
- Sudden migration of people during crisis & disaster: Management, Food, Hygiene & Safety
- Future Unconventional Threats for the Nation's Growth & Security on Health, Cyber, Natural Resources and Cities etc: Occurring Possibilities, Precautions and Mitigation
- Food: Production, Processing & Preservation Techniques
- Rejuvenation of natural water bodies
- Smart cities: Transport, Utility Management, Future Growth.
- 2 teams sent their entries for the competition Ms. Prakruthi and Ms. Viswaja of (III BBA)) sent an idea on sanitary vending machine and Ms. Sravika of IIIIBA developed an idea for an app for migrant workers and sent their entries.

Food Distribution: On 29th November, 2020, Department of Chemistry in association with ISR Leaders Club distributed food for approximately 250 old age people and orphans at Karunaradham Charitable Trust, Changicherla.

Contribution towards Education for Needy Students Mrs. Pritha Ghosh, faculty from Department of Microbiology, St. Pious X Degree and PG College contributed Rs. 37000.00 for the education of needy students.

An orientation program on various Employability Skills for women was organized on 8th March 2021, Women's Day at Yellamla near Jangoan. The collage had collaborated with NIMSME for orientation program. Mr. G. Sudharshan, Faculty member at NIMSME had addressed women on the various Employability Skills.

In the view of the Covid -19 Pandemic, the Commerce Department sponsored hand sanitizers on 8th March 2021 to the Yellama villagers as a safety measure.

The UBA Committee in collaboration with ED cell and Commerce Department conducted Social Entrepreneurship Development – Institutional competition on Social Entrepreneurship Development – Institutional competition 18 March 2021 to give students a platform to showcase their ideas. Around 20 ideas were exhibited by the students. Sr. Velangani, Principal and Correspondent Sr. Japamala inaugurated the exhibition.

Mrs. Geetha Reddy UBA Coordinator and Mrs. Padmalatha attended Technology Demonstration for Rural Entrepreneurship: a UBA-CSIR-VIBHA initiative on 19th March 2020 organized by Unnat Bharat Abhiyan, Indian Institute of Technology in association with Council of Scientific and Industrial Research (CSIR), and Vijnana Bharati (VIBHA) on Seri-culture by Dr. Sunil Misra, CSIR-Indian Institute of Chemical Technology (IICT), Telangana

Social Entrepreneurship Business Plan Implementation: Competition 2021: An online meeting was scheduled for the participants on 27 March 2021 to present their ideas on Social Entrepreneurship Business Plan. Around 10 ideas were presented; the judge for the event was Mr. Sudheer Kumar, Officer, UBA RCI, MGNCRE, Ministry of Education, Government of India.

Video and Poster Making Competition 9 June 2021: The UBA committee organized a Video and Poster Making Competition on the Themes COVID -19 for students of St. Pious X Degree & PG College for women. There were 24 entries and best 5 poster and 5 Videos were appreciated and awarded.

Beat Covid14 June 2021: The UBA team of St. Pious X collaborated with Mahatma Gandhi National Council of Rural Education Department of Higher Education, Ministry of Education Government of India for – Beat Covid Campaign-Each One Reach One Mission - Community Engagement Services –A google meet was organized by the UBA Coordinator Mrs. Geetha and Mr. P. Sudheer Kumar Coordinator MGNCRE, Department of Higher Education, Ministry of Education Government of India along with the volunteers.

JUBILATIONS

SR. VELANGINI SILVER JUBILEE CELEBRATIONS

On 26th March 2021, the family of St. Pious X College celebrated the completion of 25 years of Religious Consecration in the Service of the Lord by Principal, Sr.B. Velangini Kumari. The faculty, administration and support staff admired and applauded the achievements of dearest Sister, during the 25 years of her religious and exemplary life with love and affection. The Eucharistic celebration continued with felicitation adding to the festive atmosphere. Sister expressed her gratefulness to God for His undivided love, thanked the Catechist Sisters of St. Ann's Congregation and all the members of St. Pious X family who supported her to reach the 25th Jubilee milestone year.

NATIONAL SCIENCE DAY CELEBRATIONS

On 21st - 28th Feb, 2021 all the Science departments came together and organized various activities on the theme "Innovate and Renovate India" to celebrate the National Science Day with the students. Various competitions such as Painting, Collage and PowerPoint presentations

Microbiology dept. celebrated National Science Day on 22nd February 2021 by organizing online PowerPoint presentation for School and College students on the theme Innovations of 21st Century. 6 teams registered and mailed their PowerPoint presentations and the winners of the competition were awarded with certificates:

Department of Psychology has conducted the Convocation Ceremony of the Six Months International Certificate Course on 12th April 2021.

INTERNATIONAL DAY AGAINST DRUG ABUSE AND ILLICIT TRAFFICKING

The Department of Psychology and Social Sciences observed, International Day against Drug Abuse and Illicit Trafficking by conducting a webinar on "Drug Use & Abuse "on 26th June, 2020. The resource person was Dr. P K N Choudary, Psychiatrist from Chetana Psychiatric Hospital, Hyderabad.

World Youth Day

On the Occasion of World Youth Day, Department of Psychology and Social Sciences in collaboration with YWCA, Secunderabad, conducted a webinar on 18th August, 2020, the resource person was Insidore Phillips, Director of Divya Disha.

On the occasion of World Mental Health Day, class activities on various stressors have been conducted by Ms. V. Beulah Vennela on 12th. The stress buster game links were shared in the chat during class and students presented their screen. Some of the games were – Stress Me Less, Panic Attack, Quote Bloom, Squish Em, Monstressity etc.

On 9th March Commerce Department distributed sanitizers at the medical camp at Anganwadi School, Shanthinagar, Balaji Nagar, Hyderabad

NUTRITION MONTH CELEBRATIONS

Commemorating the Nutrition month celebrations, department of Biochemistry has released an e-magazine "Biochemagz" on 27th September 2020 using Google meet platform. The first edition titled "Nutrifacts" was released by our principal Sr. Velangini along with the participation of faculty, UG and PG students of Department of Biochemistry.

The department of Zoology organized an International Webinar on 3D Printing of nano materials in Bioengineering, Nutrition and Medicine on 23rd September 2020 as a part of National Nutritional Month celebration. The resource person Prof. Prabir Patra, University of Bridgeport, USA shared his knowledge and research experience in 3D Printing, cure of Infectious diseases and restoration of health.

In alignment with the theme of National Nutrition Week Eat Right-Bite by Bite, the departments of life sciences planned a series of events under the program titled “RIGHT FOOD-BRIGHT LIFE Webinar Series on” RIGHT FOOD – BRIGHT LIFE “- 28th -30th September ,2020.

14TH NATIONAL STATISTICS DAY. VIRTUAL FAREWELL, HINDIDIWAS. GANDHI JAYANTI. NATIONAL MATHEMATICS DAY, CHRISTMAS, INTERNATIONAL HINDI DAY, SANSKRIT DAY, 74TH REPUBLIC DAY, NATIONAL VOTERS' DAY, INTERNATIONAL WOMEN'S DAY, SAROJINI NAIDU'S BIRTH ANNIVERSARY, ENGLISH LANGUAGE DAY AND RASHTRIYA EKTHADIWAS WERE CELEBRATED THIS YEAR.

ALUMNI -- REUNION

It is an annual feature of the college to celebrate the Alumni Day. The students walk down their memory lane coming together at their alma mater cherishing their reminiscences for their success and excellence

St. Pious X Degree & PG College organized its annual Alumni Meet on 8th August, 2020 on the virtual platform through Google Meet. The alumni of all the batches were invited to the meet through Emails, Telegram, Facebook, Whatsapp, SMS, telephone calls and through other electronic media. Around 150 alumni attended the meet.

PIOUS ALUMNI CONTRIBUTION: A KIND GESTURE

Ms. K. Sindhu Priya who completed her graduation in the year 2010 from B. Sc. (MPCs) and is currently working for Delivery Pvt. Ltd. as a South Head HRBP in Hyderabad, has sponsored an amount of Rs.37000.00 on 08th Feb, 2021, towards Education of a student who lost both her parents due to COVID 19.

Ms. Anusha Jelly along with her friends Ms. Divya Vallala and Ms. Mounika Gummadi who completed their graduation in the year 2010 from B.Sc. (MSCs) have sponsored Rs. 37000.00 towards Education of needy students during Covid19

An amount of One lakh fifty thousand rupees was raised by all Faculty, Students and Non-teaching staff members and donated to Mrs. Asma, Support staff member, to facilitate her treatment against cancer. We hope for her speedy recovery

INFRASTRUCTURE DEVELOPMENT

Blessing and Inauguration of III Floor

On 14th September a new floor in the UG block with additional ten classrooms, conference hall and examination hall, toilets and an elevator were blessed and inaugurated by Fr. Benedict OCD and Sr. Rose Linda, Superior General, Catechist sisters of St. Ann, Hyderabad.

LIBRARY AND INFORMATION SCIENCE

User Orientation Program

KNOW YOUR LIBRARY Dept. of LIS Conducted user orientation program to the fresher's i.e., First year UG students from 14 -19 December, 2020. Library Staff introduced the library resources and services to students and issued library borrower cards. BOOK DONATION DRIVE Dept. of Library Science, in collaboration with Dept. of Psychology conducted "Book Donation Drive" from 18-19 December, 2020.

The objective of the drive was to collect old text books and reference ones from faculty, students, alumnae and neighborhood. The drive collected 150 books and distributed to the needy students.

SPORTS AND GAMES

We are proud to acknowledge the hard work and sporting spirit of Piousians who proved that a healthy mind resides in a healthy body indeed. About 35 girls from all disciplines actively participated in the sport events at National, State and District levels, were selected and won championship medals in various games like Power lifting, Throwball, Qwan- ki- do, Volleyball, Tug of war, Softball, Baseball, Hockey and Yoga.

All the Sports students were very much excited after participating in Nationals, the time to enjoy beyond studies. All have been selected for different sports and levels. All the students took part in the games that they liked and played during the pandemic with their will and sporting spirit which is their strength. They participated in Volleyball, Tug of war, Softball, Baseball, Hockey and Yoga.

Lydia Sharon James 3rd MSCS, Chada Pooja, 3rd MSCS, P. Sravani, 2nd MPC Aditi Nikku, 2nd MPC, Kiranmai II BA (EPP), Arogya Kavya Maram Reddy, 2nd MSCS, K. Alekya, 1st BBA , P.Akanksha II BA(EPP) participated in Hyderabad district Power lifting championship on 27thDecember 2020,held at Shaikpet, Hyderabad, Secured silver medal in 80kgs category. She also participated in 1st Online Open National Qwan- ki- do Championship-2020 on 8th to 12thNov 2020, secured gold medal in seniors. 7 students of our college were selected for Throwball national championship held at Chattisgarh from 17thto 21stMarch 2021.

The following students participated in the 43rd Senior National Men & Women Championship held at Late Dau Vasudev Chandrakar Cricket Stadium, Bhilai, and Chhattisgarh from 19th to 21st March 2021:

- Lydia Sharon James III BSC(MSCS)
- Chandana Pooja IIIBSC (MPC)
- P. Sravani II BSC (MPC)
- Aditi Nikku II BSC (MPC)
- Arogya kavya II BSC(MScs)
- Kiranmai II BA(EEP)
- Alekya I BBA

Sneha IstB. Com (Gen) Participated in Hyderabad District Softball & Baseball Championship held at Adhilabad, from 13th to 15th March 2021. Their team secured 4th place & was selected for Baseball Nationals.

V.SnehaIstB. Com (Gen) participated in 34th Senior Baseball National Men & Women Championship held at Nandyal, Kurnool, Andhra Pradesh from 28th March to 4th April 2021 and the team has qualified for Federation cup. Sri V. Srinivas Goud, the Honorable Sports and Youth Services Ministerof Telangana Appreciated team with memento

N.Shailaja I B.Com (CS) participated in Junior Hockey tournament held at Gadwal from 26th to 28th March 2021, Gymkhana Club Ground, Secunderabad, the team secured 6thpositionand also played Senior Hockey tournament at the same venue and secured 4th position.

P.Akanksha IIBA (EPP) participated in World Taekwondo Championship selection on 15th March 2021 at Patiala, Punjab and got selected for World Championship which will be going to be held at China.

CONCLUSION

Before concluding this report, I thank God the Almighty for being with us throughout this year in all endeavors. Our profound gratitude goes to the Mother Superior General Rev. Sr. Rose Linda for her unflinching support to this Institution

I acknowledge the Co-operation received from Rev. Sr. V. Japamala, the Correspondent of the college for genuine concern to this Institution. I remain grateful to Dr. Sr. Nirmala the former principal of this Institution who has been a living role model and a guiding star in day-to-day administration. We are fortunate to have the enthusiastic faculty who render relentless service in pursuing excellence and their constant encouragement and help in various capacities. I am extremely thankful to the various Committee members, Heads of the departments and Non-Teaching Staff for their zeal and commitment to soar high. Finally, I thank all the participants, alumini, winners and volunteers for their valuable contribution. Thankyou one and all.
