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INTRODUCTION

Catholicate College owes its existence to the innate vision of the greatly lamented H.H Baselios Geevarghesse II, the Catholicos of the Malankara Orthodox Church and H.G. Puthencavil Geevarghese Mar Philoxenos, the then Metropolitan of Thumpamon Diocese. The college had the prayerful guidance of H.G.Daniel Mar Philoxenos, the first principal of the college, and who later became the Metropolitan of Thumpamon Diocese. Recently the college has celebrated its Diamond Jubilee.

The college was formally inaugurated on August 6th 1952 by the Honorable Raja Pramukh of Travancore - Cochin, H.E. (late) Sri. ChithiraThirunal Raja Raja Varma. The most virtuous H.H. Baselius Geevarghese II laid the foundation of this educational institution on the serene hilltop at Makkamkunnu, west of Pathanamthitta town, Kerala. In 1952 the college was affiliated to the university of Travancore, then University of Kerala. Now it is affiliated to Mahatma Gandhi University, Kottayam. The college upholds the motto. "The Fear of the Lord is the beginning of wisdom" with the vision 'To create an educated enlightened society for a brave new world'. The college secured Christian minority institution status on 2012 from the Govt of India. The primary objective of the college is to provide an academic and social environment in which students can flourish. The management focuses mainly on imparting value-based education through quality teaching and learning which is aimed at the holistic and intuitive growth of the individual. In all levels, teaching and non-teaching staff and also students cooperate in an atmosphere of mutual respect to realize the vision and mission of the institution.

Even during the COVID pandemic, faculty of the college, under the guidance of the holy fathers and the management, proved their mettle and it was reflected in the academic and nonacademic achievements of the students. Nearing its Platinum Jubilee, achievements of the Catholicate College has increased manifold and these achievements are just the outcome of the dedication and hard work of the stake holders of the college.

HIGHLIGHTS OF THE YEAR

| Sl No. | Title of the Activities | Organising unit/ agency/ collaborating agency |
|--------|--|---|
| 1. | Built House Programme | NSS Unit, Catholicate College, Pathanamthitta |
| 2. | Swatcha Grama Project In Adopted village | NSS Unit, Catholicate College, Pathanamthitta |
| 3. | International Yoga Day (21st June2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 4. | International Drug Abuse day (26th June 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 5. | Paper Bag Making Tutorial (10th July 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 6. | Valicheriyal Vimuktha Campus (16 To 25th July 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 7. | District Colletorate Surroundings Cleaning | NSS Unit, Catholicate College, Pathanamthitta |
| 8. | Seed Pen Making (December 8,9 & 10, 2019 | NSS Unit, Catholicate College, Pathanamthitta |
| 9. | Flood Relief Activities (AUGUST 12 To 16, 2019 | NSS Unit, Catholicate College, Pathanamthitta |
| 10. | Road Show (16 August2019 | NSS Unit, Catholicate College, Pathanamthitta |
| 11. | Blood Donation Camp (03/09/2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 12. | Global Climate Strike(22\09\2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 13. | GANDHIJI @150 AND NSS @50-GOLDEN JUBILEE RALLY (24th September 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 14. | GANDHIJI @150 AND NSS @50-A SESSION WITH CHILDRENS OF GOVT.L.P.SCHOOL, PRAMADOM (24th September 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 15. | GANDHIJI @150 AND NSS @50- CLEANING PROGRAMME (24th September 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 16. | GANDHIJI @150 AND NSS @50- SEMINAR On Environment & NSS (25th September2019 | NSS Unit, Catholicate College, Pathanamthitta |
| 17. | GANDHIJI @150 AND NSS @50-KHADI VILLAGE VISIT (26th September2019 | NSS Unit, Catholicate College, Pathanamthitta |
| 18. | GANDHIJI @150 AND NSS @50-POSTER DESIGNING & SLOGAN WRITING COMPETITION [On 27th September2019 | NSS Unit, Catholicate College, Pathanamthitta |
| 19. | Gandhiji @150 And Nss @50- Njangalkkum Parayannund – We Smile Charity [28th September2019] | NSS Unit, Catholicate College, Pathanamthitta |
| 20. | GANDHIJI @150 AND NSS @50-ARTS EXPO - [30th SEPTEMBER2019] | NSS Unit, Catholicate College, Pathanamthitta |
| 21. | GANDHIJI @150 AND NSS @50COLLECTORS @ SCHOOL (01st October 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 22. | Gandhiji @150 And Nss @50-Palliative Care[1/10/2019] | NSS Unit, Catholicate College, Pathanamthitta |
| 23. | GANDHIJI @150 AND NSS @50-GANDHI JAYANTHI [2nd October2019]-RING ROAD Cleaning, PATHANMTHITTA | NSS Unit, Catholicate College, Pathanamthitta |

| 24. | Collection Drive (05th October2019) | NSS Unit, Catholicate College, Pathanamthitta |
|-----|---|---|
| 25. | Collectors @ School ,Waste Bin Installing(05th October2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 26. | Pathanamthitta Ring Road Beautification (05th And 11th OCTOBER 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| | | |
| 27. | Palliativecare(07\10\2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 28. | Marathon (20th November2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 29. | Vimukthi Club Awarness Programme (22nd November 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 30. | Observance Of Constitution Day | NSS Unit, Catholicate College, Pathanamthitta |
| 31. | Pampa Cleaning Programme (29 November To December 01, 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 32. | Awarness Programme On Pocso Act (30th November 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 33. | Ring Road Beautification (05, 07& December, 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 34. | Plastic Free Campus (December 06,2019 | NSS Unit, Catholicate College, Pathanamthitta |
| 35. | Survey At Adopted Village(December 09 & 10, 2019 | NSS Unit, Catholicate College, Pathanamthitta |
| 36. | Clean Campus Programme (December10, 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 37. | Clean Campus Programme (December | NSS Unit, Catholicate College, Pathanamthitta |
| 38. | Eco Friendly Products Making (December 21, 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 39. | Awarness Class About Intoxicated Life(December 21, 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 40. | Awarness Class About Lifestyle Diseases & Excercise (December 22, 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 41. | Training And Awarness On Domestic Waste Management (December 23, 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 42. | Medical Camp And Legal Service Camp (December 24, 2019 | NSS Unit, Catholicate College, Pathanamthitta |
| 43. | Law And Order Awarness Class (December 24, 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 44. | Awarness Class On Road Safety & Rules (December 24, 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 45. | Kitchen Garden And Camp Cleaning Activities (December 25, 2019) | NSS Unit, Catholicate College, Pathanamthitta |
| 46. | Camp Cleaning & Evaluation Program | NSS Unit, Catholicate College, Pathanamthitta |
| 47. | Plastic Prohibition Proclamation March (0101- 2020) | NSS Unit, Catholicate College, Pathanamthitta |
| 48. | Campus Cleaning (January2, 2020) | NSS Unit, Catholicate College, Pathanamthitta |
| 49. | Bottle Art Tutorial (January 03, 2020) | NSS Unit, Catholicate College, Pathanamthitta |
| 50. | 31st Road Safety Celebration And District Level Inauguration (January 13,2020) | NSS Unit, Catholicate College, Pathanamthitta |

| 51. | Anti –Drugs Day Observation(January 16, 2020) | NSS Unit, Catholicate College, Pathanamthitta |
|-----|---|--|
| 52. | Pulse Polio Immunization Programme (January 19, 2020) | NSS Unit, Catholicate College, Pathanamthitta |
| 53. | Blood Donation Camp (21\01\2020) | NSS Unit, Catholicate College, Pathanamthitta |
| 54. | Old Age Home Visit (January 22, 2020) | NSS Unit, Catholicate College, Pathanamthitta |
| 55. | Special School Sports Meet "Mikav"2020(January24,2020) | NSS Unit, Catholicate College, Pathanamthitta |
| 56. | Republic Day Celebrations (January 26, 2020) | NSS Unit, Catholicate College, Pathanamthitta |
| 57. | Awarness Class On Adverse Effect Of Drugs (January30, 2020 | NSS Unit, Catholicate College, Pathanamthitta |
| 58. | Awarness Programme On Covid-19 – Flash Mob (February12, 2020) | NSS Unit, Catholicate College, Pathanamthitta |
| 59. | Visit To Mahatma Jansevana Kendra (February27, 2020) | NSS Unit, Catholicate College, Pathanamthitta |
| 60. | Medical Camp (March 06, 2020) | NSS Unit, Catholicate College, Pathanamthitta |
| 61. | Activities During Lockdown Period-Call Centre Volunteers At Work | NSS Unit, Catholicate College, Pathanamthitta |
| 62. | Activities During Lockdown Period-Face Mask Making | NSS Unit, Catholicate College, Pathanamthitta |
| 63. | Activities During Lockdown Period- Craft Clubactivities | NSS Unit, Catholicate College, Pathanamthitta |
| 64. | The World Environment Day | NCC Unit, Catholocate Unit, Pathanamthitta |
| 65. | The Inter National Yoga Day | NCC Unit, Catholocate Unit, Pathanamthitta, NSS Unit No.10, Catholicate College, Pathanamthitta and Nehru Yuva Kendra, Pathanamthitta |
| 66. | Flood Relief Collection Drive | NCC Unit Catholicate College and NSS Unit No.10, Catholicate College, Pathanamthitta |
| 67. | Blood Donation Camp | NCC Unit, Catholicate College, Pathanamthitta,Red Ribbon Club, Catholicate College and NSS Unit No. 10, Catholicate College, Pathanamthitta |
| 68. | Cleaning Programme In Ring Road | NCC Unit, Catholicate College, Pathanamthitta and District Administration, Pathanamthitta |
| 69. | Plogging' Or Jogging | NSS Unit, Catholicate College, Pathanamthitta |
| 70. | 'Ek Bharath Sreshta Bharath' | Three members of NCC Unit participated in 'Ek Bharath Sreshta Bharath' Camp held at Bhupal Nobles University at Udaipur |
| 71. | Nature Education Programme At Pamba | NSS Unit, Catholicate College, Pathanamthitta |
| 72. | Punarnavam Project | St.Basil Association |
| 73. | Palette 2K19. | St.Basil Association |
| 74. | Note Books To Needy | St.Basil Association |
| 75. | The Street Drama | St.Basil Association |
| 76. | Nomenclature of Plants | Department of Botany-Nomenclature Club |
| | | |

| | | Department of Determ Varial State Dis diversity |
|-----|---|--|
| 78. | Technical Support Group | Department of Botany-Kerala State Biodiversity Board |
| 79. | Biodiversity Monitoring Committee | Department of Botany-Pandalam Block Panchayath |
| 80. | Ozone day Observance | Department of Botany and KSCSTE |
| 81. | GREGORIAN EXPO-Science Exhibition | Department of Botany-St. Gregorios School, Kaipatoor |
| 82. | Hand sanitizer making and distribution to students before exam | Department of Chemistry and Parents Teachers Association (PTA) |
| 83. | Gregorian Expo 2019-20 | Department of Chemistry-Mount Bethany School, Kumbazha, Pathanamthitta |
| 84. | Flood Relief Activities at Nilamboor in collaboration | Jeruselem Mount Higher Secondary School, Vakathanom, Kottayam |
| 85. | Gregorian Expo 2019-20 | Department of Zoology-St. Gregorios School, Kaipatoor |
| 86. | Zoohoney production and sale in collaboration with local farmers. | Department of Zoology, Catholicate College, Pathanamthitta |
| 87. | Socio-economic Survey _2019 | Department of Economics, Catholicate College, Pathanamthitta |
| 88. | Participation in Survey for Kerala Lok Sabha Election 2019. | Department of History, Department of Political Science, Catholicate College, Pathanamthitta & Centre for Electoral Studies, Thiruvananthapuram |
| 89. | Gregorian Expo 2019-20 | Department of Physics-St. Gregorios School, Kaipatoor |
| 90. | Gregorian Expo 2019-20 | Department of Mathematics-St. Gregorios School, Kaipatoor |
| 91. | Human Right Awareness | Department of Mathematics |
| 92. | All Kerala Mathematics Talent Search -2019 | Department of Mathematics |
| 93. | Dr. Rekha R- Best N.S.S.Programme officer | NSS, Mahatma Gandhi University |
| 94. | Best N.S.S.Programme Unit | NSS, Mahatma Gandhi University |
| 95. | Akhil S- Best NSS Volunteer | NSS, Mahatma Gandhi University |
| 96. | Aswinimol C.P Best NSS Volunteer | NSS, Mahatma Gandhi University |

| | STUDEN | T ENRC | DLMENT | AND D | IVERSIT | Y |
|--------------------------|--|---------------------------------|----------------------------------|---------|----------|-------|
| Name of the Programme | Programme Specialization | Number of seats available | Students enrolled 1st Year | II Year | III Year | Total |
| | B.A. English | 60 | 51 | 53 | 54 | 158 |
| | B.A. Malayalam | 40 | 39 | 38 | 39 | 116 |
| | B. A. Hindi | 30 | 22 | 27 | 26 | 75 |
| | B.A. History | 50 | 48 | 48 | 47 | 143 |
| | B.A.Economics | 60 | 59 | 56 | 60 | 175 |
| BA/B.Sc./ | B.Sc.Mathemati cs | 69 | 61 | 59 | 64 | 184 |
| B.Com | B.Sc Physics | 58 | 46 | 48 | 50 | 144 |
| | B.Sc. Chemistry | 58 | 53 | 54 | 55 | 162 |
| | B. Sc. Botany | 52 | 49 | 51 | 49 | 149 |
| | B.Sc. Zoology | 43 | 39 | 40 | 38 | 117 |
| | B.Com. | 50 | 50 | 47 | 50 | 147 |
| | B.Com. (SF)* | 50 | 51 | 38 | 39 | 128 |
| | BCA (SF)* | 38 | 29 | 22 | 29 | 80 |
| | Total | 658 | 597 | 581 | 600 | 1778 |
| | M.A. English Literature | 15 | 14 | 15 | 14 | 43 |
| | M.A. Malayalam | 20 | 21 | 18 | 14 | 53 |
| | M. A. Hindi | 10 | 10 | 10 | 7 | 27 |
| | M.A. History | 13 | 12 | 12 | 11 | 35 |
| | M.Sc. Mathematics | 19 | 19 | 19 | 19 | 57 |
| MA/M.Sc./M .Com | M.Sc. Physics (Electronics) | 15 | 13 | 15 | 15 | 43 |
| | M.Sc. Physics(Materia 1 Science) | 13 | 12 | 13 | 13 | 38 |
| | M.Sc. Analytical Chemistry | 13 | 13 | 13 | 12 | 38 |
| | M.Sc. Polymer Chemistry | 13 | 12 | 13 | 13 | 38 |
| | M. Sc. Botany | 12 | 12 | 13 | 13 | 38 |
| | M.Sc. Zoology | 13 | 13 | 13 | 13 | 39 |
| | M.Com | 18 | 17 | 18 | 19 | 54 |
| | M.Com(SF)* | 30 | 30 | 29 | 27 | 86 |
| | MTTM(SF)* | 20 | 10 | 8 | 6 | 24 |
| | Total | 224 | 208 | 209 | 196 | 613 |
| | | | Grand Total | | | 2391 |

PROGRAMME OUTCOMES

UNDERGRADUATE PROGRAMME OUTCOMES

Students of Undergraduate Programmes at the time of graduation will gain the ability:

PO1. Subject Competence: To master essential skills to understand, explain, analyse, apply and demonstrate concepts related to each discipline and integrate it with real life.

PO2. Creative and Critical Thinking: To develop creativity as well as critical and rational problem-solving skills to understand, respond and engage proactively with subject related aswell as social issues.

PO3. Effective Communication: To develop oral, written and interpersonal communication skills which would enable the learner to prepare for a career and function effectively in it.

PO4. Scientific Temper, Research and Innovation: To gain a scientific attitude to explore, research and innovate so as to create new knowledge; facilitate exciting discoveries that would solve existing problems and open new ways of living.

PO5. Social Sensitivity and Commitment: To internalise and practice values/attitudes to participate in civic life with compassion and empathy as emotionally mature and socially responsible citizens.

PO6. Sustainable Development and Green Living: To protect the environment, conserve natural resources and promote green living through the use of sustainable technologies.

PO7. Digital Literacy and Technological Efficiency: To empower the learner to navigate the tech-savvy world with confidence and connect efficiently with latest developments across the globe.

PO8. Passion for Life-long Learning: To engage in lifelong learning to update knowledge, adapt and contribute to social change with a futuristic vision.

POSTGRADUATE PROGRAMME OUTCOMES

Students of Postgraduate Programmes at the time of graduation will gain the ability:

PO1 Academic Expertise and Employability: To attain mastery of the subjects, enhance employability and facilitate knowledge application in different practical situations.

PO2 Scientific Temper, Critical Thinking and Logical Reasoning: To develop scientific temper and capacity for independent, conceptual and creative thinking; problem establishment, collection of evidence, synthesis and dispassionate analysis.

PO3 Research and Innovation: To strengthen research aptitude leading to creation of new knowledge and innovative solutions to various emerging issues.

PO4 Motivation for Life-long learning: To engage dynamically in continuous learning, to modernize knowledge, adopt, adapt and contribute to social change with a futuristic vision.

PO5 Communication and Team work: To develop effective communication skill and ability to work in teams by strengthening group dynamics.

PO6 Moral and ethical awareness: To understand the role and applicability of knowledge acquired in the context of society, environment and sustainable development sticking on to ethics and values.

PO7 Leadership readiness: To exhibit leadership in multidisciplinary environments by applying the knowledge and concepts acquired through the learning process to one's own work, as a member and leader in a team.

PO8 Social Responsibility: To incorporate and practice values to better civic life with humanity and empathy and develop students who are emotionally mature and socially responsible.

PO9 Digital Literacy and Technological Efficiency: To empower the learner to navigate the tech-savvy world with conviction and synchronize with progressions in the technical world.

| | ONVERSITI EXAMINATION RESOLTS Programme Number of students Number of students Pass | | | | | |
|----|--|----------------------------------|--|--------------------|--|--|
| | Programme Specialization | in the final year examination | Number of students passed in final Semester /year examination | Pass Percentage | | |
| | B.A. English | 53 | 45 | 84.90 | | |
| | B.A. Malayalam | 35 | 24 | 68.50 | | |
| | B.A Hindi | 20 | 15 | 75.00 | | |
| | B.A. History | 45 | 30 | 66.60 | | |
| | B.A. Economics | 55 | 43 | 78.00 | | |
| | B,Sc. Mathematics | 59 | 43 | 74.00 | | |
| UG | B.Sc. Physics | 48 | 38 | 79.17 | | |
| | B.Sc. Chemistry | 54 | 40 | 74 | | |
| | B.Sc. Botany | 45 | 34 | 75.50 | | |
| | B.Sc. Zoology | 31 | 22 | 70.90 | | |
| | B.Com. | 47 | 46 | 97.87 | | |
| | B.Com. (SF) | 38 | 30 | 70.58 | | |
| | BCA (SF) | 29 | 25 | 86.20 | | |
| | M.A. English Literature | 15 | 15 | 100.00 | | |
| | M.A. Malayalam | 18 | 16 | 88.88 | | |
| | M.A. Hindi | 10 | 9 | 90.00 | | |
| | M.A. History | 12 | 8 | 66.66 | | |
| PG | M.Sc. Mathematics | 18 | 14 | 77.78 | | |
| 10 | M.Sc. Physics | 15 | 12 | 80.00 | | |
| | M.Sc. Physics | 13 | 11 | 84.62 | | |
| | M.Sc. Analytical chemistry | 13 | 10 | 76.90 | | |
| | M.Sc. Polymer Chemistry | 13 | 12 | 92.31 | | |
| | M.Sc. Botany | 13 | 10 | 76.90 | | |
| | M.Sc. Zoology | 13 | 10 | 76.90 | | |
| | M.Com. | 17 | 12 | 70.58 | | |
| | M.Com. (SF) | 28 | 18 | 64.28 | | |
| | MTTM (SF) | 8 | 8 | 100.00 | | |

UNIVERSITY EXAMINATION RESULTS

| | RANKS | | |
|-----------|------------------------------------|------------------|---------------------------|
| Programme | Programme Specialization | Rank | Name of the Student |
| | BA English Language and Literature | 1st | Adithya Rajesh |
| | B.A Hindi | 1st | Anagha Ashok |
| | | 8th | Parvathy S |
| UG | BA Economics | 1 st | Sreelekshmi Kumar |
| | B.Sc Zoology | 10 th | Silpa Chandran |
| | B.A.Malayalam | 9th | Arya. K. G |
| | M.A Hindi | 7 _{th} | Amrutha S |
| | | 10 th | Chinchu Suresh |
| | M.Sc_Zoology | 4 _{th} | Dhanya S. Nair |
| | | 9 _{th} | SuryaDevi K |
| | M.Sc Mathematics | 10 th | Athira M |
| | M.Sc Botany | 4 _{th} | Fousiya Beevi A |
| PG | | 10th | Merin M. Varghese |
| 10 | M.A.Malayalam | 1st | Karthika sudhan |
| | | 3rd | Soorya.S. Nair |
| | | 7th | Aparna Suresh |
| | M.Sc. Physics (Material Science) | 1st | Poornima Jayakumar |
| | | 2nd | Amritha Krishnan |
| | | 3rd | Sreelakshmi Prasad Pillai |
| | M.Sc. Physics (Electronics) | 8th | Ayana Jose |

RANKS

Rank Holders



Aditya Rajesh 1st Rank in B A English



Anagha Ashok 1st Rank in B A Hindi



Parvathy S 8th Rank in B A Hindi



Sreelekshmi Kumar 1st Rank in B.A Economics



Arya.K.G. 9th Rank in B.A.Malayalam



Shilpa Chandran 10th Rank in B.Sc Zoology



Amrutha S 7th Rank in M A Hindi



Chinchu Suresh 10th Rank in M A Hindi



Karthika Sudhan 1st Rank in M.A.Malayalam



Soorya .S. Nair 3rd Rank in M A Malayalam



Aparna Suresh 7th Rank in M A Malayalam



Athira M 10th Rank in M.Sc Mathematics



Dhanya S. Nair 4th Rank in M. Sc <u>Z</u>oology



SuryaDevi K 9th Rank in M. <u>S</u>c Zoology



Fousiya Beevi A 4th Rank in M. Sc Botany



Merin M. Varghese 10th Rank in M.Sc Botany



Poornima Jayakumar 1st Rank in M.Sc. Physics (Material Science)



Amritha Krishnan 2nd Rank in M.Sc. Physics (Material Science)



Sreelakshmi Prasad Pillai 3rd Rank in M.Sc. Physics (Material Science)



Ayana Jose 2nd Rank in M.Sc. Physics (Electronics)

FACULTY ACHIEVEMENT

| Sl No. | Name of Teacher | Name of Award |
|--------|-----------------|------------------------------|
| 1 | Dr. Mini George | Geenadevi Shodh Samman |
| 2 | Dr. Mini George | Saraswath Samman |
| 3 | Dr. Rekha R | Best N.S.S.Programme officer |

TEACHING STAFF

| Department | No. of sanctioned positions | No. of filled positions (Permanen t) | Vacant positions | No. of filled positions (Guest Faculty) | Positions filled during the current year | No. of faculty with Ph.D |
|-----------------------|-----------------------------------|---|---------------------|--|---|--------------------------------|
| English | 14 | 11 | 3 | 4 | 0 | 2 |
| Malayalam | 10 | 6 | 4 | 4 | 0 | 5 |
| Hindi | 10 | 7 | 3 | 2 | 0 | 9 |
| History | 9 | 7 | 2 | 2 | 0 | 3 |
| Economics | 3 | 3 | 0 | 0 | 0 | 2 |
| Mathematics | 9 | 6 | 3 | 3 | 0 | 4 |
| Physics | 14 | 13 | 1 | 1 | 0 | 8 |
| Chemistry | 15 | 8 | 7 | 6 | 0 | 8 |
| Botany | 8 | 8 | 0 | 0 | 0 | 5 |
| Zoology | 8 | 7 | 1 | 1 | 0 | 2 |
| Commerce | 9 | 3 | 6 | 5 | 0 | 1 |
| Commerce (SF)* | 7 | 0 | 0 | 5 | 0 | 0 |
| MTTM | 2 | 0 | 0 | 2 | 0 | 0 |
| BCA (SF)* | 5 | 0 | 0 | 5 | 0 | 0 |
| Syriac | 1 | 0 | 1 | 1 | 0 | 0 |
| | | | | | | |
| | | | | | | |
| Physical Education | 2 | 2 | 0 | 0 | 0 | 1 |
| Total | 126 | 81 | 31 | 41 | 0 | 50 |

*SF- Self Financing Post for self financing courses are filled every year

NON-TEACHING STAFF

| Sl. No | Name of Post | Sanctioned Strength | Existing Strength |
|--------|-----------------------|------------------------|----------------------|
| 1. | Senior Superintendent | | 1 |
| 2. | U D Clerk | | 3 |
| 3. | L D Clerk | | 5 |
| 4. | L D Typist | | 1 |
| 5. | Office Attendant | | 5 |
| 6. | Library Assistant | | 1 |
| 7. | Herbarium Keeper | | 1 |
| 8. | Laboratory Assistant | | 7 |
| 9. | Gardner | | 1 |
| 10. | Mechanic | | 1 |
| | Total | | 26 |

RESEARCH AND EXTENSION

Ph. Ds awarded

| Name of | Name of Guide | Year of | Thesis Title |
|------------|---------------------|---------|---|
| Department | | Award | |
| Malayalam | Dr.A.Alice | 2019 | ചരിത്ര പ്ല്പ്േയങ്ങളുടെ ആഖ്യാന ം ആനന്ദ ിന്ട െ കഥകടള ആസ്ഖ ോക്കിയുള്ള േഠനം |
| Malayalam | Dr.A.Alice | 2019 | _{ഒാ™്} സിക്കൽ കലകളിടല േുരാപ്േേരര പ്പ്േയങ്ങൾ |
| Malayalam | Dr.M.S,Paul | 2019 | േലയാള കവ ിരയ ുട െ ഭ ാവ ുകര ¤ േരിോോേ ഉത്തരാധുനികരയിൽ |
| Malayalam | Dr.M.S,Paul | 2019 | ആധുനികാനന്തര വിംർശനസീേനങ്ങൾ േലയാളത്തിൽ.വി. സി. ശീജൻ, ഇ. േി. രാജാഗാോലൻ എന്നിവരുട െ നിര ൂേദേ ്ടങ്ങള അെിസ്ഥാനോക്കി ഒരു |
| Malayalam | Dr.V.Rajeev | 2019 | എൻ.എസ് ോധവനട്െ കഥകള ിടല രാഷ്്ത്െീയം |
| Zoology | Dr. Sunil Kumar .R. | 2019 | Studies on the epibenthic organisms of Ayiramthengu mangrove ecosystem |
| Commerce | Dr.P.N Hari Kumar | 2019 | Production and Marketing problems of Malayalam film industry |
| Commerce | Dr.P.N Hari Kumar | 2020 | A Comparative study on the work life balance of the employees of Public & Private sector banks in Kerala |

| Projects | | | |
|---------------------|-----------------------|------------|---------------|
| Name of the Project | Name of the Principal | Department | Year of Award |
| | Investigator | | |
| Major Project | Dr.Raneesh B | Physics | 2019 |
| Major Project | Dr.Thomas VP | Botany | 2019 |
| Major Project | Dr.Binoy T Thomas | Botany | 2019 |

Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings

| Department | Authors | Title of the book/chapters published | | |
|------------|--------------------|--|--|--|
| Zoology | Dr. Sunil Kumar R | Colonization and coexistence of micro epibionts on an artificaial substratum in a mangrove ecosystem of Kerala, In book Frontiers in Benthic Science, Editors: S. Bijoy Nandan, P. Priyaja, P. R. Jayachandran, | | |
| Zoology | Dr. Sunil Kumar R | Community structure of macrobenthos in Thangassery fishing harbor of Kerala, south west coast of India, In book Frontiers in Benthic Science, Editors: S. Bijoy Nandan, P. Priyaja, P. R. Jayachandran, | | |
| Zoology | Dr. Sunil Kumar R | Distribution and diversity diversity of ciliate epibionts on the prop root of Rhizophora apiculata. In book Frontiers in Benthic Science, Editors: S. Bijoy Nandan, P. Priyaja, P. R. Jayachandran, | | |
| Botany | Dr. V.P. Thomas | Asian Zingiberales: Resume & Prospects Prof. M. Sabu Commemoration Volume | | |
| Malayalam | Dr.M.S.Paul | C.J.enna Vimarshakan | | |
| Malayalam | Dr.Bincy.P.J | Bhasha sahithyam Bahuswara Vayanakal | | |
| History | Dr.P.S.Pratheep | Impact of Industrial Policy on Native States | | |
| History | Lijo Sebastian | Environmentalism in the Western Ghats: Between Ennocence and Eccological Arrogance | | |
| Physics | Dr. Achamma George | Study of Optical Properties of Mg doped SnO2Nanocrystals | | |
| Physics | Dr. Achamma George | Al doped SnO2Nanocrystals for Photovoltaic applications | | |
| Physics | Dr. George Thomas, | Methane in Coastal Arabian Sea off Kochi, South-West India, | | |
| Physics | Dr. George Thomas, | Urban Heat Island Study in Kochi Based on LCZ Classification, | | |
| English | Jisha Elezaba | In Search of the Other | | |
| English | Jisha Elezaba | Women's Writing | | |

Publications of Papers in Scientific Journals

| Title of the paper | Name of the author | Title of the journal |
|--|---------------------|---|
| Postuman parayathe paranja kadha | Dr.Anu.P.T | Vijnjana Kairali |
| Ochira Velukkuttiyude Jeevitham Ezhuthumpol | Dr.M.S.Paul | Grandhaa Lokham |
| Aakhyanakala Perumpadavom sreedharante aroopiyudeMoonnam Pravil | Dr.Bincy.p.J | Bhasha sahithyam Bahuswara Vayanakal |
| Bhasha parinamam M.Govindante Kavithakalil | Dr. Jessy Alexander | Vijnjana Kairali |
| Dwanydarshanam Fantriyil | Dr.Rekha.R | Anweshanapathhangal |

| Malayala bhasha gaveshanathil Gundarttinte Sambhavanakal | Soumya Jose | Bhasha sahithyam Bahuswara Vayanakal |
|---|--|--|
| Parasyangalum janapriyasamskaravum | Indu.R | Bhasha sahithyam Bahuswara Vayanakal- |
| A Study On Public Awareness About Medical Waste Management | Dr. P. N Harikumar & Dr. Ann Naisy Jacob | Journal of Emerging Technologies and Innovative Research |
| Defects characterisation and studies of structural properties of sol-gel synthesised MgFe2O4 nanocrystals through positron annihilation and supportive spectroscopic methods. | Abraham, A. R., Raneesh, B., Nambissan, P. M. G., Sanyal, D., Thomas, S., & Kalarikkal, N. | Philosophical Magazine, |
| Defect-focused analysis of calciumsubstitution-induced structural transformation of magnesium ferrite nanocrystals | Abraham, A. R., Raneesh, B., Sanyal, D., Thomas, S., Kalarikkal, N., & Nambissan, P. M. G. | New Journal of Chemistry |
| X-Ray Photoelectron Spectroscopy and Raman Studies of ZnO: Ce Nanocrystals. | Achamma, G., Qureshi, M. S., & Malik, M. M. | Journal of Applied Spectroscopy, |
| . New distributional records eighteen species of Vorticella (Ciliophora: Peritricha) from mangrove ecosystem of Ayiramthengu in south west cost of India. | . Chitra P and R. Sunil Kumar 2019 | J. Mar. Biol. Ass. India, |
| Applications of endophytic-fungal-isolates from velamen root of wild orchids in floriculture | Deepthi AS and JG Ray | Brazilian Journal of Biological Sciences |
| Endophytic diversity of hanging velamen roots in the epiphytic orchid Acampe praemorsa | Deepthi AS and JG Ray | Plant Ecology & Diversity |

| | - | |
|--|--|---|
| A new species and a new combination of Amomum Roxb. (Zingiberaceae) from Sikkim Himalaya, India | V.P. Thomas, M. Sabu , T. Jayakrishnan & E.P. Rajeesh | Phytotaxa |
| Ethnobotanical significance of Zingiberales: a case study in the Malaipandaram tribe of Southern western Ghats of Kerala | VP Thomas, Judin Jose, Saranya Mol ST & Binoy T Thomas | Indian Journal of Traditional Knowledge |
| Second stage spectrum of some non-regular graphs | Dr. Renny P. Varghese, Dr. Susha D. | Far East journal of mathematical Sciences |
| On the normalized Laplacian Spectrum of some graphs | Dr. Renny P. Varghese, Dr. Susha D. | Krajujevac Journal of Mathematics Journal of Serbia |
| Binary Cech Closure Spaces using binary ideals and binary grills | Dr. Susha D. | Journal of Advanced studies in Topology |
| Generalized Soft Groups | Dr. Susha D, Manju John | International Journal of Computer and Mathematical Sciences |
| Topological Indices, Study of a chemical molecular structure | E.M.Suji | Think India Journal |
| CDPU Hypergraphs | Dr. Beena Koshy | International Journal of Mathematics, Trends & Technology |
| Weiner Index of a vertex with respect to a CDPU set | Dr. Beena Koshy | Global Journal of Pure & Applied Mathematics |

h-index of the Institutional Publications

| Name of the author | Title of the journal | Year of publication | h-index of the Author | Number of Citations excluding self citation | Institutional affiliation as mentioned in the publication |
|------------------------|---|---------------------|--------------------------|--|--|
| Dr.Anu.P.T | Vijnjana Kairali | 2019 | | | Department of Malayalam, Catholicate College |
| Dr.M.S.Paul | Grandhaa Lokham | 2019 | | | Department of Malayalam, Catholicate College |
| Dr.Bincy.p.J | Bhasha sahithyam Bahuswara Vayanakal | 2019 | | | Department of Malayalam, Catholicate College |
| Dr. Jessy Alexander | Vijnjana Kairali | 2019 | | | Department of Malayalam Catholicate College |

| Dr.Rekha.R | Anweshanapathhangal | 2020 | | | Department of Malayalam Catholicate College |
|---|--|------|----|---|--|
| Soumya Jose | Bhasha sahithyam Bahuswara Vayanakal- | 2019 | | | Department of Malayalam, Catholicate College |
| Indu.R | Bhasha sahithyam Bahuswara Vayanakal- | 2019 | | | Department of Malayalam, Catholicate College |
| Dr. P. N Harikumar & Dr. Ann Naisy Jacob | Journal of Emerging Technologies and Innovative Research | 2019 | | | Department of Commerce, Catholicate College |
| Abraham, A. R., Raneesh, B., Nambissan, P. | Philosophical Magazine, | 2020 | 15 | 2 | Department of Physics, Catholicate College |

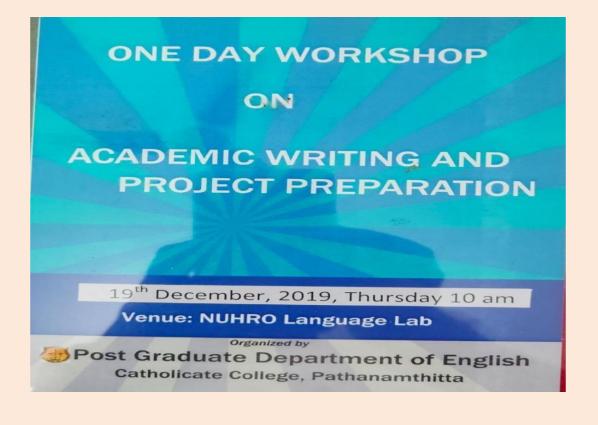
| | | | | | · · · · · · · · · · · · · · · · · · · |
|--|---|------|----|---|--|
| M. G., Sanyal, D., Thomas, S., & Kalarikkal, N. | | | | | |
| Abraham, A. R., Raneesh, B., Sanyal, D., Thomas, S., Kalarikkal, N., & Nambissan, P. M. G. | New Journal of Chemistry | 2020 | 15 | 2 | Department of Physics, Catholicate College |
| Achamma, G., Qureshi, M. S., & Malik, M. M. | Journal of Applied Spectroscopy, | 2019 | 1 | 1 | Department of Physics, Catholicate College |
| . Chitra P and R. Sunil Kumar 2019 | J. Mar. Biol. Ass. India, | 2019 | | | Department of zoology, Catholicate College |
| Deepthi AS and JG Ray | Brazilian Journal of Biological Sciences | 2019 | | 1 | Laboratory of Plant Science and Ecology, School of Biosciences, Mahatma Gandhi University, Kottayam, Kerala |
| Deepthi AS and JG Ray | Plant Ecology & Diversity | 2019 | | 2 | Laboratory of Plant Science and Ecology, School of Biosciences, Mahatma Gandhi University, Kottayam, Kerala |
| V.P. THOMAS, M. SABU , T. JAYAKRISH NAN & E.P. | Phytotaxa | 2020 | 8 | 1 | Department of Botany, Catholicate College |

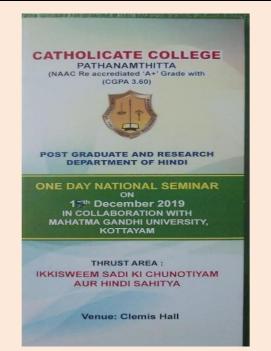
| RAJEESH | | | | | |
|--|---|------|---|---|---|
| VP Thomas, Judin Jose, Saranya Mol ST & Binoy T Thomas | Indian Journal of Traditional Knowledge | 2020 | 8 | 2 | Department of Botany, Catholicate College |
| Dr. Renny P. Varghese, Dr. Susha D. | Far East journal of mathematical Sciences | 2020 | 4 | | Department of mathematics, Catholicate College, Pathanamthitta |
| Dr. Renny P. Varghese, Dr. Susha D. | Krajujevac Journal of Mathematics Journal of Serbia | 2020 | 4 | | Department of mathematics, Catholicate College |
| Dr. Susha D. | Journal of Advanced studies in Topology | 2019 | | | Department of mathematics, Catholicate College |
| Dr. Susha D., Manju John | International Journal of Computer and Mathematical Sciences | 2019 | | | Department of mathematics, Catholicate College |
| E.M.Suji | Think India Journal | 2019 | | | Department of mathematics, Catholicate College |
| Dr. Beena Koshy | International Journal of Mathematics, Trends & | 2020 | 3 | | Department of mathematics, |
| | Technology | | | | Catholicate College |
| Dr. Beena Koshy | Global Journal of Pure & Applied Mathematics | 2020 | 3 | | Department of Mathematics, Catholicate College |

Seminars/ Workshops Conducted by various Departments

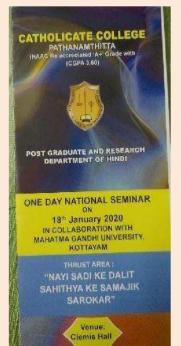
| Date | Department | Seminars/ Workshops |
|-----------------------|------------|---|
| 27.09.2019-28.09.2019 | Botany | National Workshop on Algal Taxonomy and Culturing |
| 19.12.2019 | English | Workshop on Academic Writing and Project Preparation |
| 05.03.2020 | Chemistry | Prof. V. T Thomas Memorial Academic Lecture |
| | | Inauguration of Lecture Series and Award Distribution |
| 10.01.2020 | Chemistry | Ceremony |
| 26.01.2019-28.01.2019 | Chemistry | Sasthrapadam- Students' Lab Visit |
| | | Gregorian Expo science exhibition for the Higher |
| 2019 | Chemistry | Secondary school student |

| | | Flood Relief Activities at Nilamboor |
|-------------------------|-----------|--|
| 2019 | Chemistry | |
| 18.12.2019 | Hindi | National Seminar |
| 18.01.2020 | Hindi | National Seminar |
| 20.06.2019 | Malayalam | Vayana vaaraghosham |
| 05.07.2019 | Malayalam | Basheer Keshavadev Anusmaranam |
| 01.11.2019-08.11.2019 | Malayalam | Keralappiravi Agosham |
| 22.07.2019 | Physics | National Seminar on Recent Trends in Nanotechnology |
| 03.03.2020 | Physics | National Science Day Celebrations-2020 |
| | | Prof. V. I Joseph Memorial Lecture Series in Applied |
| 24.01.2020 | Physics | Physics |
| 23.01.2019 | Commerce | Seminar on Course Work |
| 17.09.2019- 19.09. 2019 | Commerce | Workshop on SPARK |
| 9 November ,2019 | English | Alumni Meet 2019 |
| | | National Seminar on Research in Commerce and |
| 14.03.2019 | Commerce | Management |
| 20.08.2019 | Commerce | National Seminar on Scientific Research Process |
| 27.09.2019 | Commerce | World Tourism Day Celebration |

















POST GRADUATE & RESEARCH DEPARTMENT OF MATHEMATICS CATHOLICATE COLLEGE, PATHANAMTHITTA

SEMINAR ON HUMAN RIGHTS

As per U.G. (CBCS) V Semester Syllabus M.G. University 05 - 09 - 2019

10.30 am - 12.30 noon

RESOURCE PERSON

Dr. Pratheep P. S Associate Professor in History Catholicate College, Pathanamthitta

ORGANIZING COMMITTEE

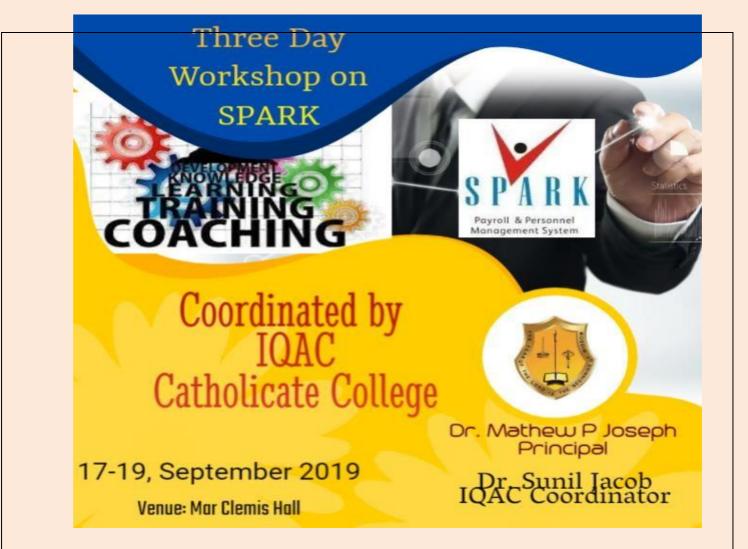
Dr. Mathew P. Joseph, Principal Dr. Renny P.Varghese, HoD Dr. Susha D. Dr. Beena Koshy, Co-ordinator Smt.Manju John

Contact: 8547435579



Flood relief activities at Nilambur, Dept of Chemistry





INTERNATIONAL OZONE DAY OBSERVANCE 2019

Organized By: Post Graduate Research Department of Botany, Catholicate College, Pathanamthitta

Sponsored By: Kerala State Council for Science, Technology and Environment

One Day Seminar on Ozone, Climate and The Montreal Protocol – 24th September 2019



Inauguration of the seminar by Mr. Jaidev G. IPS, District Police Chief, Pathanamthitta.



Faculty participation in Seminars/Conferences and Symposia

| Name of the Teacher | Department | Level |
|---------------------|------------|----------|
| Mary Mathew | English | Local |
| Dr Asha Philipose | English | Local |
| Steve Vincent | English | Local |
| Divya Uthup | English | Local |
| Anu Francis | English | Local |
| Jisha Elezaba | English | Local |
| Chithra Mary Philip | English | Local |
| Tessy Thomas | English | Local |
| Renu Anna Boban | English | Local |
| Jiji Anna Jacob | English | Local |
| Dr.Philipose Omman | Botany | State |
| Dr.Binoy T Thomas | Botany | State |
| Dr.Deepthi AS | Botany | State |
| Gokul G Nair | Botany | State |
| Dr.Nisha K Joseph | Botany | State |
| Tinu Thomas | Botany | State |
| Hima KS | Botany | State |
| Dr.Thomas VP | Botany | State |
| Dr.Philipose Omman | Botany | National |

| Dr.Binoy T Thomas | Botany | National |
|-------------------|-----------|---------------|
| Dr.Deepthi AS | Botany | National |
| Gokul G Nair | Botany | National |
| Dr.Nisha K Joseph | Botany | National |
| Hima KS | Botany | National |
| Tinu Thomas | Botany | National |
| Dr.Thomas VP | Botany | National |
| Sumitha Tom | Chemistry | State |
| Sumitha Tom | Chemistry | National |
| Sumitha Tom | Chemistry | National |
| Dr. Binoj K. K. | Chemistry | National |
| Sajith Babu S | Phyics | National |
| Dr. George Thomas | Phyics | International |
| Dr. George Thomas | Phyics | International |
| Dr. George Thomas | Phyics | International |
| Dr.Dhanya I | Phyics | International |
| Jini K Jose | Phyics | National |
| Dr. Raneesh B | Phyics | International |
| Neena Suresh | Computer | International |

| | Applications | |
|-----------------|--------------------------|----------|
| Neena Suresh | Computer Applications | State |
| Preethi Thomas | Computer Applications | State |
| Preethi Thomas | Computer Applications | State |
| Boban Aloysius | History | State |
| Boban Aloysius | History | National |
| Dr.P.S.Pratheep | History | National |
| Dr. Mini George | Hindi | National |
| Dr. Mini George | Hindi | National |
| Dr. Shirly Baby | Hindi | National |
| Dr. Shirly Baby | Hindi | National |
| Dr. Shirly Baby | Hindi | National |
| Dr. Shirly Baby | Hindi | Local |
| Dr. Shirly Baby | Hindi | State |
| Dr. Sanu Thomas | Hindi | National |
| Dr. Sanu Thomas | Hindi | National |

| Hindi | State |
|-------------|---|
| | |
| Hindi | National |
| | National |
| | International |
| - | Local |
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| | National |
| | International |
| | |
| Zoology | State |
| | HindiMathematics< |

| Liji Koshy | Zoology | State |
|---------------------|---------|-------|
| Anusha Merin Wilson | Zoology | State |
| Anusha Merin Wilson | Zoology | State |

<u>Number of Collaborative activities for research, faculty</u> <u>exchange, student exchange</u>

| Nature of Activity | Participant | Source of financial support | Duration |
|---|----------------------|-----------------------------|----------|
| Collaborative research | Dr. Dhanya I. | Self | 1 Year |
| MSc Project | Dr. Soosan Samuel M. | Self | 1 Year |
| Collaborative research | Dr. Raneesh B. | UGC-DAE-CSR | 3 Year |
| Study Project (Student Exchange) at Botanical Survay of India, Pune | Minu Maria James | IASc and INSA | 2 months |
| Study Project (Student Exchange) at SH College, Thevara | Aleena Sara Paul | IASc and INSA | 3 months |

Linkages with departments/industries for internship, on-the-job training, project work, sharing of research facilities etc.

| Title of the linkage | Name of the partnering department/ industry /research lab with contact details | Duration | Participants |
|--|---|---------------------------|-------------------------------------|
| Study of family Lythraceae in India | Botanical Survey of India, Pune, IASc & INSA | May 2019- June 2019 | Minu Maria James (M.Sc. Student) |
| Floral Biology, phenology and breeding system Myristica fragrance | S.H. College, Thevara, IASc & INSA | April 2019- June 2019 | Aleena Sara Paul (M.Sc. Student) |
| Academic Main Project | Cybex Computer Education, Adoor, Kerala | March 2020May 2020 | (5 BCA Students) |
| Academic Main Project | Syntax Soft-Tech India Pvt. Ltd, Software Company, Marine Drive, Cochin, 682031 | March 2020June 2020 | (24 BCA Students) |

MoUs signed

| Organisation | Date of MoU signed | Purpose and Activities | Number of students/teachers participated under MoUs |
|--------------------------|-----------------------|---|---|
| MOONLIGHT | 10 Feb. 2017 | Certificate Course | 20 |
| KERALA STATE RUTRONIX | 16 Feb. 2020 | Training for computer proficiency (TALLY, GST, MS OFFICE) | 65 |

INFRASTRUCTURE AND LEARNING RESOURCES

Catholicate College is dedicated to the educational and holistic development of its students. It offers both the physical and learning infrastructure necessary to support 13 U.G courses, 14 P.G courses, 8 research centres, 3 Academic Chairs and 2 Add- on courses.

The Academic Blocks are:

| □ The Science Block | : Physics, Chemistry, Botany, Zoology |
|----------------------------------|---------------------------------------|
| □ Mar Dionysius Block | : English, Mathematics, History |
| □ St.Thomas Silver Jubilee Block | : Malayalam, Hindi |
| □ St.Mary's Block | : Economics |
| ☐ Administrative Block | : Commerce, Physical Education |

□ H.G. Daniel Mar Philoxenos Diamond Jubilee Block: BCA

All 67 classrooms, 11 HOD rooms and 14 staff rooms are well equipped, comfortable, and Wifi enabled. The Golden Jubilee Library and the departmental libraries function as brain boosters. The 18 science (separately set up UG, PG and Research) laboratories are safe and modern. There are 8 computer labs on the campus. All Departments are technologically updated and connected to the Public Address System. An uninterrupted power supply is provided via a transformer.

The other facilities available on campus are 2 Seminar/Conference Halls with centralised AC, one mini Digital and two Science Theatres, a multifunctional NUHRO language lab, Botanical Garden and Museum, Ginger House, Phycotechnology Lab, Animal House, Zoology Museum, and Sophia Counselling Centre. IGNOU study centre and Rutronix centre are also available to students.

Physical Education:

In this era of excessive competition and changing environment, people barely care about their physical well being. Playing regular sports can help in maintaining physical well being reduce stress and tension in an individual. Catholicate College has the facilities to bolster an active sports culture on campus. Coaching is provided to students in various sports under the supervision of two permanent Physical Education faculties and the aegis of Kerala Sports Council and District Sports Council. The college conducts an annual Sports Day and intramural

competitive events, from which participants are selected for University, State and National level competitions.

The College has facilities for outdoor (Football, Volleyball, Basketball, and Badminton courts and a 200-meter track) as well as indoor games (Caroms, Chess, Table Tennis, Judo, Fencing, Taekwondo, Weight Lifting and Power Lifting). There are two pavilions, a gymnasium and a Yoga Hall. The Health and Fitness Clubs work alongside the Physical Education Department. Health Centre oversees the Amenity Centre and first-aid.

Cultural activities are conducted in the Heritage Auditorium, Open Auditorium, or departmental seminar halls. Faculty Members nominated as Staff Advisors to the College Union, Arts Club, and the Editorial Board of the College Magazine over see their activities. The student centre is available to students to meet and organize activities.

Library:

Our library is fully automated and well-maintained books are bar coded and issued through computer. The library is having a well-balanced collection of books in all the subjects according to the new syllabus. The personnel at the library guide the users about various collections in thelibrary using OPAC/ web OPAC. Library kiosk machine provides easy search modules to access Catalogued books, new arrivals, Periodical links etc. The computer section with high-speed nodes/ terminals gives uninterrupted access to NLIST project.

- Name of ILMS software Campus Net ERP software, Info weavers
- Nature of automation (fully or partially) Fully
- Version -5.0.1
- Year of Automation-2004
- Library Kiosk machine and Library E-gate facilities are available.

IT facilities

The college is powered with sufficient computer facility. A total of 147 computers with memory of 2GB or more RAM and a capacity of minimum 250 GB Hard disk are installed at various locations. The students and teachers are provided with free internet facility in the library. The students are permitted to access the internet provided in the Departments also. All the departments can access the internet with the Wi-Fi provided by the office using routers. Devices such as GIGA POE switch Net gear, access point devices and routers help in providing uninterrupted internet connectivity inside the campus. All the students are provided with INFLIBNET facility. Research students are beneficiaries of ICT in pursuing advanced research and publication by the utilization of close to 6000 e-journals through INFLIBNET.

Licensed Software such as MS OFFICE, WINDOWS, TALLY, PEACHTREE, MATHEMATICA, SPSS, FIREFLY, PHYSIO EX, MATLAB, SOLVER SUITE, ORIGIN,

TELL ME MORE etc., are used. A Centralized printing and scanning facility are available for the smooth conduct of internal exams and other reprographic requirements of the departments. The College organizes orientation programmes for students and teachers to familiarize them with the latest ICT technology in teaching -learning process. ICT enabled technology and power point is being used by the students for their Seminar and paper presentations. ICT is promoted in library and administration by making available requisite hardware and software in areas like payroll, student database, results, library catalogue, security, connectivity, etc. Outsourcing is done for maintenance and repairing of IT infrastructure such as computers, wifi facility etc. The institution plans to increase the student to computer ratio from 15:1 to 6:1 and to increase the broad band access speed from 200 MBPS to higher level.

ACTION PLAN FOR 2020-21

- To strengthen the knowledge of teachers and students through exposure to real life Situations.
- 2. To recommend the management to provide financial assistance for more infrastructural developments.
- 3. To encourage students to take up research projects, paper publications, Field visits etc.
- 4. To develop initiative programmes like WWS, ASAP etc.
- 5. To implement virtual labs (for experiential learning) in all Science departments and Initiatives to make the college a nodal centre for virtual lab training.
- 6. To encourage our graduate and postgraduate students to pursue careers in research through SCHOLAR HUB (Leaner to Scholar) programme.
- 7. To upgrade and update institutional website.
- 8. To introduce new aided programmes.
- 9. To conduct more programmes to create awareness among students regarding the need to develop scientific temper and logical reasoning.
- 10. To conduct more socially responsible programmes and events.

To make use of the possibilities of advanced practices like virtual and online teaching

CONCLUSION

On this concluding remark, we would like to thank the God almighty and the Holy fathers of Malankara Orthodox Church for the blessings and strength they showered on us during difficult times. The academic year 2019-2020 which was shadowed by Flood and the Corona pandemic was a period of struggle and fight for survival for everyone. The academic community who found ingenious methods to strive through this turbulent period effectively and efficiently deserves special appreciation. This annual report is nothing but the result of the hard work put in by the academic and non-academic staff of this college. Various departments of this college took genuine effort to conduct seminars and workshops in their respective subjects to enrich their students. We would like to extend our gratitude to all of them.

Special thanks must be conveyed to the IQAC coordinator, who effectively organized the IQAC actions towards the NAAC accreditation, which is to happen in the near future.

We would like to conclude this report by extending our thanks and prayers to all who work in this endeavor of preparing our institution to scale new heights in all facets. May the blessings of the Holy fathers and the God always light your paths.