



ST PHILOMENA COLLEGE

Affiliated to Mangalore University Re-Accredited by NAAC at 'A' Grade

MAI DE DEUS EDUCATIONAL INSTITUTIONS

Managed by the Catholic Board of Education, Mangalore

Philonagar, Darbe, Puttur - 574202, D.K., Karnataka | 08251 230340

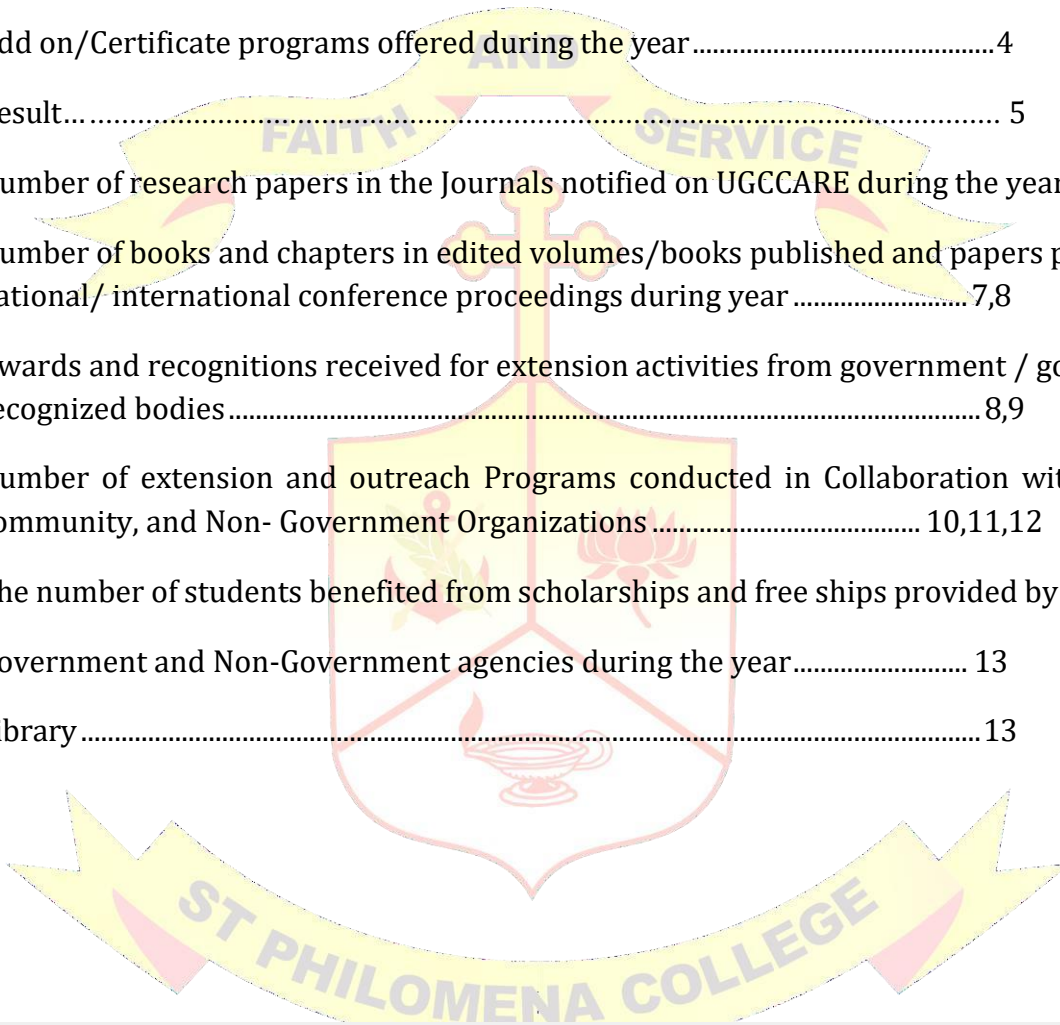
IQAC ANNUAL REPORT 2023-24





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The IQAC of St Philomena College was established for the academic year 2023-24 with the primary objective not only to facilitate the Internalization and Institutionalization of Quality, but also to activate the system and raise the Institutional capabilities to Higher levels ensuring continuous Quality improvement in the academic and administrative performance of the institution. The IQAC is constituted as per the guidelines provided by the National Assessment and Accreditation Council (NAAC), comprising senior faculty members, administrative staff, management representatives, stake holders and external experts.

In the past academic year, the IQAC has implemented several quality assurance measures, organizing workshops, regular audits of academic departments comprehensive feedback by the stakeholders and student-centered activities.

Management

The College is managed by the Catholic Board of Education, Mangalore. In the realm of effective leadership, our management stands as a beacon of excellence. Most Rev. Dr Peter Paul Saldanha, Bishop, Diocese of Mangalore is the President, Msgr Maxim L. Noronha, the Vice President, and Very Rev. Fr Antony Shera is the Secretary. The local Management Committee is headed by Very Rev. Fr Lawrence Mascarenhas, Parish Priest, Mai De Deus Church, Puttur as Joint Secretary.

1. Staff

The College's U.G. and P.G. sections each include **86** teaching staff members (both aided and unaided). Among whom **32** have qualifications like the NET, SET, and Ph.D.

2. Students

The College on its roll has **1385** students in the U.G. section of whom **717** are boys and **668** are girls. In the P.G. section there are **251** students of whom **205** are girls and **46** are boys.

3. Programs offered:

The College offers 6 U.G. programmes – BA, B. Com, B.Sc., BBA, BCA and BSW and 5 P.G. programmes–MSW, M. Com, M.Sc.-Physics, M.Sc.-Mathematics, M.Sc.-Computer Science.



4.Add on/Certificate programs offered during the year

Total **14** certificate programs were Approved by the Academic Council of the College and offered by different Departments in this academic year to enrich the students.

Name of Add on /Certificate programs offered	Number of Students completing the course in the year
Salesforce Certified Platform Developer I (PD1)	110
Cloud Security Fundamentals	100
Basic Electronics and Circuit Fabrication	16
Mushroom Cultivation	22
Vermi technology	20
English for Employability and Empowerment	45
Report Writing and Editing	39
Hindi Translation	22
Effective Business Communication	30
Personal and Professional Development	10
LaTex	11
Research Methodology	25
Consumer Education	18
Yakshamrithra	30

5. Students undertaking Project work/Field work/Internship

A total **118** number of students were done project work/field work/internship in the academic year.



6. Results

Sustained academic performance is the hallmark of our College. Students have fared exceedingly well in the examinations conducted by the University.

CONSOLIDATED RESULT SHEET					
Sl No	Programme Code	Programme	Number of students who appeared in the Final year examination	Number of Passed in the final year examination	Pass (%)
1.	BAS	Bachelor of Arts	22	18	81.8
2.	BCM	Bachelor of Science	134	110	82.1
3.	BSC	Bachelor of Commerce	66	59	89.4
4.	BSW	Bachelor of Social Work	3	3	100.0
5.	BCA	Bachelor Business Administration	118	102	86.4
6.	BBA	Bachelor of Computer Applications	58	55	94.8
7.	SWS/SWH	Master of Social Work	20	20	100.0
8.	CMS/CMH	Master of Commerce	45	45	100.0
9.	PHS/PHH	Master of Physics	12	11	91.7
10.	MTS/MTH	Master of Mathematics	19	5	26.3
11.	CSS/CSH	Master of Computer Science	9	9	100.0



7. Number of research papers in the Journals notified on UGCCARE during the year

Title of paper	Name of the author/s	Department of the teacher	Name of journal
Synthesis, characterization, and FDTD simulations of Ag-enriched RGO nanosheets for catalytic reduction of 4-nitrophenol	Shilpa M P	Physics	Journal of Materials Science: Materials in Electronics
A comparative study on impact of the synthesis techniques on the catalytic properties of Ni-doped titania	Shilpa M P	Physics	Materials Science and Engineering: B
A novel approach to enhance the ionic conductivity of silver nanoparticles incorporated PVA:NaBr polymer electrolyte films via fast neutron irradiation	Shilpa M P	Physics	Radiation Physics and Chemistry
Tuning the optical and electrical properties by gamma irradiation of silver nanoparticles decorated graphene oxide on glutaraldehyde crosslinked polyvinyl alcohol matrix	Shilpa M P	Physics	Materials Research Bulletin
Highly responsive reduced graphene oxide embedded PVDF flexible film-based room temperature operable humidity sensor	Shilpa M P	Physics	Sensors and Actuators A: Physical
Root uptake and foliar deposition of ^{226}Ra , ^{210}Pb and ^{210}Po in medicinal plants of Western Ghats of Karnataka	Chandrashekar K	Physics	Nuclear and Particle Physics Proceedings
Dose and Transfer Factor of ^{40}K in Medicinal Plants	Chandrashekar K	Physics	Oxford University Press
Cryptography and Blockchain Based E-Voting System for Secured Voting Process	Vinayachandra	Computer Science	Journal of Electrical System(JES)
Blockchain Based Cryptographic Algorithm for Data protection in Electronic Voting System	Vinayachandra	Computer Science	Journal of Electrical System(JES)



08. Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings during year.

Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference
Dimple Jenifer Fernandes	Shodhapallavam			
Antony Prakash Monteiro		Regge Trajectories obtained for the predicted masses of Bc Mesons	Proceedings of DAE-BRNS Symp. on Nucl. Phys. 67	DAE-BRNS Symp. on Nucl. Phys. 67
Antony Prakash Monteiro		Computation of Regge Trajectories for Charmonium	Proceedings of DAE-BRNS Symp. on Nucl. Phys. 67	DAE-BRNS Symp. on Nucl. Phys. 67
Antony Prakash Monteiro		Study of estimated mass for D Mesons using Regge Trajectories	Proceedings of DAE-BRNS Symp. on Nucl. Phys. 67	DAE-BRNS Symp. on Nucl. Phys. 67
Antony Prakash Monteiro		Regge Trajectories obtained for the predicted masses of Ds Mesons	Proceedings of DAE-BRNS Symp. on Nucl. Phys. 67	DAE-BRNS Symp. on Nucl. Phys. 67
Antony Prakash Monteiro		Analysis of Regge Trajectories for Bs Meson Mass Spectra obtained from Hulthen Potential	Proceedings of DAE-BRNS Symp. on Nucl. Phys. 67	DAE-BRNS Symp. on Nucl. Phys. 67
Vipin Naik NS		Regge Trajectories obtained for the predicted masses of Bc Mesons	Proceedings of DAE-BRNS Symp. on Nucl. Phys. 67	DAE-BRNS Symp. on Nucl. Phys. 67
Vipin Naik NS		Computation of Regge Trajectories for Charmonium	Proceedings of DAE-BRNS Symp. on Nucl. Phys. 67	DAE-BRNS Symp. on Nucl. Phys. 67
Vipin Naik NS		Study of estimated mass for D Mesons using Regge Trajectories	Proceedings of DAE-BRNS Symp. on Nucl. Phys. 67	DAE-BRNS Symp. on Nucl. Phys. 67



Vipin Naik N S		Regge Trajectories obtained for the predicted masses of Ds Mesons	Proceedings of DAE-BRNS Symp. on Nucl. Phys. 67	DAE-BRNS Symp. on Nucl. Phys. 67
Vipin Naik N S		Analysis of Regge Trajectories for Bs Meson Mass Spectra obtained from Hulthen Potential	Proceedings of DAE-BRNS Symp. on Nucl. Phys. 67	DAE-BRNS Symp. on Nucl. Phys. 67

09. Awards and recognitions received for extension activities from government / government recognized bodies

Name of the activity	Name of the Award/ recognition	Name of the Awarding government/ government recognized bodies
Shramadhan for Swachbharath	Letter of Appreciation to the Institution for the participation in the Shramadhan for Swachabharath	Government of India
Azadi Ka Amrith Mahothsav	Letter of appreciation to the institution on Account of Azadi Ka Amrith Mahothsav	Ministry of Culture Govt of India
certificate for Institution's Innovation Council (IIC) establishment	certificate for Institution's Innovation Council (IIC) establishment	Ministry of education Govt of India
Institution Innovation Council contribution towards IIC network	Letter of appreciation to the institution of Chief Functionaries of the IIC of the College.	Institution Innovation Council Ministry of Education Initiative
Advanced IT Skill Training under Honeywell Student empowerment programme	Certificate of membership institution recognized as Center for excellence of youth empowerment	ICT Academy



Inter College Magazine Competition	Certificate to the institution for Participation	Mangalore University
Institution's Innovation Council establishment	Certificate of appreciation to the institution for establishment as IIC(IC202015285) in the Campus	Ministry of education Govt of India
ISO 9001:2015	Certificate to St Philomena College to confirm Quality management System Standard	Staunchly management And system services limited
Mega Blood Donation Drive	Letter of appreciation to the institution for Meritorious service	Blood Help Line Karnataka®
ICT Academy	Certificate of membership as institutional Member of ICT Academy	ICT Academy New Delhi
Voluntary Blood Donation Camp	Certificate of appreciation for successful organizing Voluntary Blood Donation Camp	Kasturba medical College Blood Centre
Palo Alto Networks Authorized Cybersecurity Academy	Certificate of Acknowledgement for completing Requirements to become Palo Alto Networks cybersecurity Academy	Palo Alto Networks
Gold Zone award	IAB Blind Empowerment-award for the voluntary contribution for the empowerment of Visual Challengers.	
Meri Maati Mera Desh' Programme	Certification of appreciation for taking part in Meri maati desh Mera Desh Programme	Ministry of Culture Govt of India
District Level 'Best Coordinator Award'	Letter of Appreciation to Mr Thejaswi Bhat best Coordinating teacher	District federation of Consumer organization
National Youth day	Letter of Appreciation and Acknowledgement for successfully participated in National Youth Day-2024	Indian RedCross Society Dakshina kannada
Youth Red Cross 'Best performer' - 2023	Certificate of Excellence Red Cross help Deskat District Government Hospital Wenlock,Mangalore	Indian Redcross Society Dakshina Kannada



		District Branch Mangalore
Fit India Week 2023	Certificate of recognition for successfully organizing the Fit India week 2023	Ministry of Youth affairs and Sports Government Of India

10. Number of extension and outreach Programs conducted in Collaboration with industry, community, and Non- Government Organizations

Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme	Year of the activity
Rural Health and Dental Check Up Camp – at DKZP upgraded Higher Primary School Savnoor	Post Graduate Department of Social Work, Post Graduate Studies and Research Center St Philomena College Puttur, Gram Panchayat Savanur, Sri Kshetra Dharmasthala Village Development Scheme Savanur Zone in collaboration with A.J. Medical College Hospital, Mangalore	Service	2023-24
Awareness Rally on Anti Drug Abuse and Illicit Trafficking – at Puttur city	St Philomena College, St Philomena PU College, St Philomena Aided Highschool,3/19KAR BN NCC ,91/19 KAR BN NCC ,5 KAR NAVAL NCC ,41 /A 5 KAR NAVAL NCC ,44/6 KAR AIR SQN NCC and Anti - Drugs Vigilance Committee of the College	Awareness Building	2023-24
Awareness Program Against Plastic use – at PG Seminar Hall St Philomena College Puttur	St Philomena College, St Philomena PU College, St Philomena High school Puttur, in association with 3/19 KAR BN NCC Army SD/SW Wing, 91/19 KAR BN NCC Army JD/JW Wing, 5 KAR NAVAL NCC Navy SD/SW Wing, 41 /A 5 KAR NAVAL NCC Navy JD/JW Wing,	Awareness Building	2023-24



	44/6 KAR AIR SQN NCC Air JD/JW Wing		
Vanamahotsava Celebration by NCC Units – at DKZP Government Higher Primary School Parladka	St Philomena College, St Philomena P.U. College, St Philomena High school in association with 3/19 KAR BN NCC Army SD/SW Wing, 91/19 KAR BN NCC Army JD/JW Wing, 5 KAR NAVAL NCC Navy SD/SW Wing, 41 /A 5 KAR NAVAL NCC Navy JD/JW Wing, 44/6 KAR AIR SQN NCC Air JD/JW Wing and DKZP Government Higher Primary School Parladka, Puttur	Service	2023-24
Tree Planting Campaign – around College stadium, St Philomena College Puttur	National Disaster Response Force Mangalore, and Regional Rescue Centre, Bangalore, under the joint auspices of Post Graduate Department of Social Work and Post Graduate Department of Commerce, St Philomena College, Puttur	Environment	2023-24
Tribal Camp – at DEED Center, Hunsur, Mysore	Post Graduate Department of Social Work at St Philomena College, Puttur	Service	2023-24
A week long workshop on World Anti Human Trafficking Day-2023 – at Shri Ramakrishna Highschool, Kombettu, Puttur	Anti-Human Trafficking Club of St Philomena College Puttur, in collaboration with esteemed legal organizations such as the District Legal Authority Mangalore, Taluk Legal Services Committee Puttur, BAR Association Puttur, Department of Education Puttur, and Anikethana Educational Trust Puttur	Awareness Building	2023-24
Environmental Awareness Rally – at Puttur City	St Philomena College and St Philomena PU College, in collaboration with 3/19 KAR	Awareness Building	2023-24



	BN NCC Army SD/SW Wing and 5 KAR NAVAL NCC Navy SD/SW Wing		
Tree plantation program by NSS units – at Kedambady	NSS	Service	2023-24
Swachhatha Abhiyan – at Puttur City	St Philomena College Student Council, NCC Army and Naval Wing, National Service Scheme Units, and Eco Club	Awareness Building	2023-24
Mega Blood Donation Camp – at SJM Hall, St Philomena College Puttur	National Cadet Corps – 3/19 KAR BN NCC, 5 KAR Naval NCC, Youth Red Cross Society, National Service Scheme, Rovers and Rangers of St Philomena College, Puttur, Rotary Club Puttur City; Rotary Puttur Elite; HDFC Bank Mangalore, Blood Helpline, Karnataka (R); Rotary CAMPCO Blood Centre, Puttur, KMC Blood Centre, Mangalore; Asha Jyothi Blood Centre, Shimoga	Service	2023-24
NCC day Celebration By Tree Planting – St Philomena College Puttur	3/19 Karnataka Battalion NCC Army Wing and 5 Kar Naval NCC Unit	Environment	2023-24
Chandraanveshane'- A sky watch Programme – at Kedambady Village	Kedambady Gram Panchayath, the St Philomena Amateur Astronomers Club (SPAAC)	Knowledge Enhancement	2023-24
Police Run-2024 – at Puttur City	Police Department and St Philomena College Puttur	Awareness Building	2023-24
Voting Awareness Street Play Enlightens the Community – at Centre for PG Studies And Research St Philomena College Puttur	Government of Karnataka and Taluk Panchayath Office, Puttur to boost electoral participation, the Dakshina Kannada Zilla SVEEP Committee, in collaboration with the Taluk SVEEP Committee of Puttur and the Government Women's First Grade College	Awareness Building	2023-24



	and St Philomena College Puttur		
NSS Annual Camp – at D.K Higher Primary School, Biliyur	NSS	Service	2023-24

11. The number of students benefited from scholarships and free ships provided by the Government and Non-Government agencies during the year.

Name of the scheme	Number of students who benefited from a government scheme and amount	
	Number of students	Amount
BCM	390	653300
Department of Minority Welfare	241	974000
SC/ST	56	423036
Sitaram Jindal Foundation	36	294900
Karnataka state student welfair found(KSSWF)	17	42090
karnataka state student Brahmin Development Board	5	75000

12. Professional Development Programs for Teaching/Non-Teaching Staff Members

Title of the Program	Date
Faculty Induction Programme	25,28 August 2023

13. Library

- ✓ As of today, Central Library has a collection of **46,090** Books, **162** Educational CD's/DVD's and **682** Bound Volumes of Periodicals
- ✓ During the year 2021-2022, **450** volumes have been added at the cost of Rupees **90,837/-**
- ✓ **Rs. 97771/-** for Periodicals and Newspapers, **Rs. 5900/-** for N-



List Membership and **Rs.48,880/-** for furniture have been spent.

- ✓ The Library subscribes to **18** magazines, **11** competitive and general knowledge magazines,
11 subject journals, **20** peer-reviewed journals, and **14** Newspapers.
- ✓ National Librarian's Day was celebrated on August 12, 2022. Campus Director Rev. Fr. Stany Pinto was the guest who gave a motivational speech on the significance of the Library in students' academic development.
- ✓ Rs. 61,383/ has been spent on upgrading Computers in the Library.
- ✓ The Library automation facility is upgraded by installing web-based Library Management Software "e-lib iNext" of AarGees Business Solutions Hubli. Web OPAC facility gives remote access to the library Collections.
- ✓ To monitor the library users, ' check-in and check-out, an Orbit Scanner has been installed
- ✓ The Library has access to INFLIBNET – N-LIST program.

P.G. Library

- ✓ PG Library has a collection of 10698 books, 32 Educational CD's/DVD's and 245 Bound Volumes of Periodicals
- ✓ During the year 2021-2022, 53 volumes have been added at the cost of Rs. 10464/-.
- ✓ The Library subscribes to 15 subject journals, 8 popular magazines and 4 Newspapers.

14. Conclusion

IQAC of the College has conducted regular meetings and monitored the overall activities. A number of workshops, seminars, faculty development programs, and student-centric activities, community reach programs are conducted to enhance the capability of students and teachers. The College has given thrust for Research and infrastructure developments. The year's brief report reminds us of the Founder's Noble intention, the Institution's vision, and mission, and to trace a long journey of excellence ahead.





