Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**POCKER SAHIB MEMORIAL ORPHANAGE COLLEGE TIRURANGADI**
Name of the head of the Institution	**Dr. K Azeez**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**04942460635**
Mobile no.	**7510782005**
Registered Email	**mail@psmocollege.ac.in**
Alternate Email	**iqac@psmocollege.ac.in**
Address	**PSMO College Tirurangadi,Tirurangadi PO, Malappuram,Kerala, Pin: 676306, India**
City/Town	**Malappuram**
State/UT	**Kerala**

Pincode	**676306**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Semi-urban**
Financial Status	**Self financed and grant-in-aid**
Name of the IQAC co-ordinator/Director	**Mr. Nissamuddeen Kunnath**
Phone no/Alternate Phone no.	**04942460635**
Mobile no.	**9961356889**
Registered Email	**nizam.kunnath@gmail.com**
Alternate Email	**n.kunnath@psmocollege.ac.in**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	**https://psmocollege.ac.in/wp-content/uploads/2020/07/aqar-1718.pdf**

4. Whether Academic Calendar prepared during the year

	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	**https://drive.google.com/file/d/1FmBoS_DOD7Q9q6JJ5FlJu82Hg714CClo/view**

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B+**	**75.35**	**2005**	**28-Feb-2005**	**27-Feb-2010**
2	**A**	**3.02**	**2016**	**17-Mar-2016**	**16-Mar-2021**

6. Date of Establishment of IQAC

	01-Mar-2010

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Short term course on Academic Leadership	12-Sep-2018 4	66
Short term course on Academic leadership	20-Mar-2019 4	85
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr Ahammed Shareef PA	tartUp Research Grant (Young Scientist),	SERB-DST (YSS/2015/000902), Govt. of India	2015 1095	3680000
All Science Departments	Improvement of Science &Technology Infrastructure in Higher Educational Institutions (FIST)	Department of Science and Technology (DST), government of India	2019 1825	7000000
PSMO College Tirurangadi	Infrastructure Grants to Colleges	RUSA	2019 730	20000000
Dr. Shafeekh K M.	Teachers Associateship For Research Excellence (SERB-TARE), TAR/2018/001295,	Science and Engineering Research Board(SERB), Government of India	2018 1095	1830000
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9. Whether composition of IQAC as per latest NAAC guidelines:	**Yes**
Upload latest notification of formation of IQAC	[View File](#)
10. Number of IQAC meetings held during the year :	**6**
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	**Yes**

Upload the minutes of meeting and action taken report	[View File]()
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	**Yes**
If yes, mention the amount	**20000**
Year	**2018**

12. Significant contributions made by IQAC during the current year(maximum five bullets)

1. A workshop in UGC career Advancement Scheme was organised by IQAC 2. The IQAC of the college organised two short term courses of one week duration in academic administration under CALEM scheme of UGC – HRDC, AMU sponsored by Pandit Madan Mohan Malavya National Mission on Teachers and Teaching (PMMNMTT) in the current academic year. 3. Participation of faculty members in in service courses, syllabus revising workshops, national and international seminars and research were encouraged. 4. The IQAC approved the decision for multiple accreditation and the Institution attended the India Ranking 2019 by NIRF and was ranked in the rank Band 151200. 5. A student IQAC was formed with a senior HOD of the college being the chair person enabling decentralization and ascertaining students participation in IQAC activities.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Career Advancement Scheme of faculty members are to be encouraged	A workshop in UGC career Advancement Scheme was organised by IQAC. All eligible faculty members have filed their application for promotion. The Affiliating University has approved the panel of subject experts in this regard.
Participation of faculty members in the short term faculty Development programmes are to be encouraged	The IQAC of the college organised two short term courses of one week duration in academic administration under CALEM scheme of UGC – HRDC, AMU sponsored by Pandit Madan Mohan Malavya National Mission on Teachers and Teaching (PMMNMTT) in the current academic year. Faculty members who hold an administrative post like HOD, Directors and Coordinators of various clubs were benefitted from the courses.
Participation of faculty members in the Professional Development Programmes conducted by UGC- HRDC may be	Seven faculty members attended specific refresher courses, six faculty members attended orientation programmes,

encouraged	conducted by various UGC- HRDs in and out of the state, this year.
It is always encourageable for the HEIs to go for multiple Accreditation. In this regard the college must apply for NIRF or ARII ranking.	The IQAC approved the decision for multiple accreditation and the Institution attended the India Ranking 2019 by NIRF and was ranked in the rank Band 151-200.
A Teachers Work Diary introduced by the IQAC, two year back has to be modified so that besides the teaching learning process related activities been thoroughly revised and implemented.	The daily activities of all the teachers are now recorded by them regularly. Their attendance in various meetings, valuation camps co-carricular activities are now recorded regularly. The IQAC monitor the process by conducting inspection of the diary twice in a year using a two level monitoring system
In order to monitor the quality related matters and enhance the teaching Learning Process and student satisfaction, a student cell for IQAC may be instituted.	A student IQAC was formed with a senior HOD of the college being the chair person.
Paper presentations/participation in international/national seminar may be encouraged.	Most of the faculty members attended at least one National seminar in the last academic year.
In order to cater to student diversity and hence to improve the standards of learning the functioning of various schemes like Walk with a Scholar, Scholar Support Programme etc are to be improved	IQAC monitors the activities of WWS and SSP
Remedial Coaching programme should be Strengthened	Remedial coaching classes are conducted regularly
Research among the faculty members should be encouraged in all possible manner.	Under the constant support of IQAC some faculty members are pursuing for their PhD under the FDP scheme of UGC, some other members have registered in the part time category. Some of the faculty members have applied for major and Minor research projects. A good number of papers in international peer reviewed journals were published this year.
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
College GOverning council	23-Jun-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to	No

assess the functioning ?	
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2018**
Date of Submission	**28-Dec-2018**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**1. The college has both software based and traditional management information system. 2. Total Campus Solution (TCS), Book magic and OPAC are the software based MIS. 3. TCS is used for themanagement of admissions, attendence, internal marks, transfer certificates etc., 4. Book magic and opac are used for library management. 5. Besides this, prospectus of the institution is published through the website and prospectus booklet and all information ALMANAC were distributed to the students during admission itself.**

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Affiliated to the University of Calicut, the College's curriculum design and transaction is in accordance with the College vision, mission, and objectives, though. Every new Academic year/Semester commences with the college council meeting headed by the college Principal discussing the strategies to implement high-quality academic excellence and enriched curriculum. The College offer regular UG(10), PG(8), and PhD(5) programmes in Arts, Science, Commerce and Management Studies, and various Audit, Value-added (75) and Certificate Courses (110) in addition. Students are conferred with the right to select Open (Inter-department (UG)) and Elective Courses. Also accommodated an Online Administration system software, Total Campus Solutions (TCS) to bring the faculty, students, parents and employer under one roof to monitor Academic programme management, student academic progression, Students management(attendance, duty leave, category lists, etc) etc A Mobile Application of the same is also in use. The institution has created Teachers' Work Diary for teaching faculty to tracing the trajectory of effective teaching-learning processes and to assert apt directives in enhancing the Curricular, Co-curricular, and Extra-Curricular activities of the faculty. Apart from the Semester/Monthly Teaching Plans, the Teachers Diary functions as a tool to evaluate and track teacher's career graph at a glance for its inclusions of heads like Administrative Charges held, papers presented in Seminars/Conferences/workshops/Symposiums, List of Research Papers/Seminar

Proceedings/Books/Chapter in Books published, details of Extra-Curricular/Club/ Field Study and Other Programmes etc. All the faculty are encouraged to apply for Major/Minor Research Fellowships, and attend FDP/Refresher/Orientation/Short term courses, offered by various HRDCs inside and outside the State/Nation. The slow and advanced learners are identified through direct and indirect assessments and implement desired methodologies Remedial sessions, Peer-team learning, sessions on Learning Enhancement skill for Slow learners and career orientation programmes, visits to reputed institutions/industries, Government-funded programmes Walk With Scholar (WWS), Additional Skill Acquisition Programme (ASAP) etc for Advanced learners. A full-fledged e-resources (eg inflibnet, N-List) hub, Digital Library, is open to students and faculty to meet the learning demands. The institution also takes commendable efforts in providing opportunity to develop inter-disciplinary skills and employability skills, by offering Certificate/ Value Added Courses, in various disciplines. Enrichment programmes (Interactive deliberation sessions, Study tours, Industry visits, Field visits, workshops and conferences) are also been offered by each Department. Students are encouraged to participate different academia related intercollegiate competitions and co-scholastic competitions. Extension activities (social services to nearby villages) are also promoted to ensure students exposure. The Feedback from stakeholders are collected annually to initiate remedial measures for the instruction's improvement.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entreprene urship	Skill Development
Green Economy in Transition	Nil	06/06/2018	30	Employabil ity	Yes
Online Writing Skills in English	Nil	06/06/2018	30	Employabil ity	Yes
Gender and Sexuality	Nil	06/06/2018	30	NA	Yes
Introduction to Field Archaeology: Methods and Techniques	Nil	06/06/2018	30	Both	Yes
Herbal Botany	Nil	06/06/2018	30	Both	Yes
Principles of Polymer Synthesis	Nil	06/06/2018	30	Both	Yes
Number theory	Nil	06/06/2018	30	Both	Yes
Graph Plotting and Numerical Computation Using Python	Nil	06/06/2018	30	Entreprene urship	Yes

	Nil	06/06/2018	30	Both	Yes
Introduction to Data Analysis using Excel					
	Nil	15/11/2018	30	Both	Yes
Quantitative Techniques for data analysis					
Writing Articles and Essays	Nil	15/11/2018	30	Both	Yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NA	Nill

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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
Nill	NA	Nill

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	567	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Premarital Counseling Course	17/09/2018	164
Graph Plotting and Numerical Computation Using Python	15/11/2018	35
Walk With Scholar	04/06/2018	30
Additional Skill Aquisition Programme	04/06/2018	30
Student Support Programme	04/06/2018	30
National Cadet Corpse	04/06/2018	38
National Service Scheme	04/06/2018	48

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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field

		Projects / Internships
BA	Economics	60
BA	English	40
BA	History	38
BSc	Physics	82
BSc	Chemistry	81
BSc	Zoology	63
BSc	Botany	32
BSc	Maths	43
BCom	FInance	60
BBA	Finance	42
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	No

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained

Feedback from students are taken in two different manner, one through the software Total Campus Solution at the end of every academic year and the second one through online survey form distributed through the class advisors. Students give feedback on two aspects. They evaluate teachers and the curriculum. Evaluation of teachers is based on 15 attributes for which different responses (Excellent, very good, good, above average, average, satisfactory and poor) are given by the students in the software. Each of these responses are having a corresponding weightage which is tabulated to generate the score for the teacher in each attribute and the total score. For the annual feedback Students are assembled in the ICT lab of the digital library where this online feedback process is carried out. Evaluation of curriculum is based on certain qualitative questions for which they have to give responses. Feedback on curriculum is taken from the faculty members also through online survey forms. These feedbacks are systematically analysed. Teacher evaluation by students is given due importance. Feedback reports will be given to teachers. Those who were given poor scores in the feedback are directed to take corrective measures. Feedback on curriculum is also analysed. Since curriculum is designed by the affiliating university, the institution cannot take any corrective measure. But suggestions for curriculum enrichment is taken care of. The feedbacks are taken and analysed by IQAC. These feedback helps to improve the standards of teaching learning process. Feedback from parents are taken during the parent's meeting which is carried out immediately after the publication of the results of the centrally organised internal examination in each semesters. Feedback from Alumni are taken during Alumni meets and through online survey forms distributed through the social media groups of alumni.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BA	BA Economics	66	3619	66
BA	BA ENGLISH	47	3866	47
BA	BA HISTORY	66	4313	66
BSc	BOTANY	36	2365	36
BSc	CHEMISTRY	40	2311	40
BSc	MATHEMATICS	48	2433	48
BSc	PHYSICS	40	2311	40
BSc	ZOOLOGY	36	1932	36
BCom	B. Com	61	4648	61
BBA	BBA	52	3631	52

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	1486	232	12	Nill	49

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
82	82	84	12	2	94

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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The class tutors provide the first level of mentorship with the students identified on the basis of their strengths and weaknesses. The tutorial activities that are recorded in the tutorial register in detail encourage students to engage themselves in meaningful activities for self-development like reading outside the curriculum and supplementary to it. The students read novels and the like and present reviews at the meetings. The weaker students are encouraged to engage with the brighter students to keep their notes up to date and clear any deficiency in their understanding of the topics.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio

1718	61	1:28

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
81	61	20	21	21

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. Noufal PT	Assistant Professor	PhD
2019	Dr. Mohammed Noufal N	Assistant Professor	PhD
2019	Dr. SHIBINU S	Assistant Professor	RESEARCH GUIDE FOR Ph.D
2018	DR. NISSAR P	Assistant Professor	RESEARCH GUIDE FOR Ph.D
2018	Dr. SHAFEEKH.K.M	Assistant Professor	RESEARCH GUIDE FOR Ph.D
2019	Dr. SAJNA V P	Assistant Professor	RESEARCH GUIDE FOR Ph.D
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	BSc	6	05/04/2019	04/09/2019
BA	BA	6	05/04/2019	21/05/2019
BCom	Bcom	6	05/04/2019	21/05/2019
BBA	BBA	6	05/04/2019	21/05/2019
MA	MA	4	10/07/2019	04/09/2019
MSc	MSc	4	10/07/2019	30/08/2019
MCom	MCom	4	10/07/2019	30/08/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The college being affiliated to the University of Calicut, the college follows the rules and regulations prescribed by the affiliating University regarding curriculum, academic delivery and examination calendar. The scheme of internal has been detailed by the University for each Course specifically in the

syllabus. Any reforms in the scheme prescribed by the University is immediately implemented by the college. A wholesome system of continuous internal and external evaluation is integral in maintaining sustained performance of the students. Academic Calendar: Internal activities are scheduled and integrated with the general activities of the year detailed in the college calendar prepared in tandem with the University calendar. This is distributed to the students at the beginning of the academic year. Detailed syllabus: Scheme of internal evaluation is detailed in the syllabus of each course. This is available to students both online from the college website as well as that of the university, all information booklet of the college under the title'Calender Student's Handbook' and as hard copy which is available for perusal on request at the respective departments. Internal Exam Cell: The dedicated internal cell ensures the proper and timely conduct of internal exams by scheduling, organizing and conducting two centrally monitored internal tests. Besides the centrally organised internal examinations, the departments and faculty members also conduct examination under the title internal upon completion of specific modules of the discipline. Valuation and Feedback: Papers are valued and distributed on time as scheduled by the College staff Council. The internal marks of the various components are consolidated paperwise and displayed on the noticeboard. Retest: Those students with genuine reasons for being absent on the days of exams are given a second chance by the respective teachers if ratified by the department council. Assignment, Seminar, Quiz, Attendance: These are the other requirements as per the University scheme of internal evaluation. The schedule for these components are decided at the Department Council and communicated to students. The students' are assessed internally by means of course specific internal assessment tools in all departments. The English department has students compile their stories and poems into a manuscript magazine as part of internal assessment. Tutorial System: One-to-one teacher to student discussion is facilitated based on the internal assessment. Parents' meetings are held regularly to communicate the students' progress and plan for improvement in the future. Online exams: The College requires students from PG programmes and some selected UG programmes to enrol for Swayam courses and complete their online exams leading to certification. Open Book Exam, online examinations, online PowerPoint preparation etc are also adopted by some of the departments as strategy for internal assessment in some courses. Internship and Field study: Almost all of the departments conduct field trips as a part of their study. Students especially PG students are encouraged to conduct their project works in prestigious national institutes and research centres. This is highly useful in inculcating research temper in them.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Academic Calendar: Internal activities are scheduled and integrated with the general activities of the year detailed in the college calendar prepared in tandem with the University calendar. A detailed description of the general activities to be organized in the college will be given in the 'Calendar cum Students Hand book'. This is distributed to the students at the beginning of the academic year itself.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://psmocollege.ac.in/programe-outcomes/

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students	Number of students passed	Pass Percentage

			appeared in the final year examination	in final year examination	
BBA	BBA	BBA	27	24	88.89
BCM	BCom	B. Com.	58	54	93.1
BSZ	BSc	BSc. ZOOLOGY	30	27	90
BSP	BSc	BSc. PHYSICS	42	34	80.95
BSM	BSc	BSc MATHEMATICS	41	27	65.85
BSC	BSc	Bsc. CHEMISTRY	42	34	80.95
BSB	BSc	Bsc. BOTANY	32	26	81.25
BAH	BA	BA HISTORY	46	33	71.74
BEG	BA	BA ENGLISH	35	34	97.14
BEC	BA	BA ECONOMICS	56	51	91.07
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2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://drive.google.com/file/d/1uPoJhUg2hRWXsUQOj17DqOcPoE_-oCDZ/view

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Interdisciplinary Projects	1825	DST - FIST	70	53.5
Any Other (Specify)	730	RUSA	200	35
Any Other (Specify)	1460	Teachers Associateship For Research Excellence (SERB-TARE), TAR/2018/001295, Science and Engineering Research Board(SERB), Government of India	18.3	2.5
Students Research Projects (Other	365	Kerala State Council For Science,	0.1	0.1

than compulsory by the University)		Technology and Environment, Thiruvananthapuram		
Minor Projects	365	Inter-University Centre for alternative Economics (IUCAE), Kerala	0.1	0.1

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
Environmental Discourses in Arabic Literature	Arabic	16/12/2018
Day with a poet - IPR on creative things	History	31/10/2018
Writing Local History - Plagiarism in creative writings	History	08/08/2018
Reading together	Economics	12/03/2019
Careers and Higher Education oppertunities after BSc	Physics	20/07/2018
Workshop on Research Methodology	Commerce and BBA	21/11/2018
Research Methodology and Scope of Economics	Economics	13/12/2018
Recent Trends and Careers in Mathematics	Maths	25/02/2019
Murine Model for Diabetic research	Zoology	28/02/2019

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
INSPIRE Scholarship for Higher Education (SHE)	Ms. Athira M.P.	Dept. of Science and Technology (DST), Government of India.	05/11/2018	Chemistry
Summer Research Fellowship	Ms. Sulfana Thasni TP	Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR) Bangalore	05/11/2018	Chemistry

Summer Research Fellowship	Ms. Athira M.P.	Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR) Bangalore	05/11/2018	Chemistry	
Summer Research Fellowship	Mr. Nabeel P	Indian National Academy of Science, Bangalore.	05/11/2018	Zoology	
Summer Research Fellowship	Ms. Sefeela P	Indian National Academy of Science, Bangalore.	05/11/2018	Zoology	
Young Talents in Science (SPYTiS-II),	Ms. Aswani, Ms. Arathi, Ms. Muhsina P. and Ms. Ameena Jismath K.,	Kerala State Council for Science Technology and Environment (KSCSTE).	05/11/2018	Young Talents in Science	
INSPIRE Fellowship	Ms. Shakira	Sainik Welfare Board, Govt. of Kerala	05/11/2018	Physics	
INSPIRE Fellowship	Mr. Sreerag K.	Sainik Welfare Board, Govt. of Kerala	05/11/2018	Maths	
Armed forces Flag Day	Ms.NCC Unit of the College	Sainik Welfare Board, Govt. of Kerala	15/08/2018	Education Institution	

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
PSMO COLLEGE CENTRE FOR COMPETITIVE EXAMINATIONS	PSMO COLLEGE CENTRE FOR COMPETITIVE EXAMINATIONS	Dept of English	Nill	NET and COmpetative exam coaching	16/07/2018
PSMO COLLEGE CENTRE FOR COMPETITIVE EXAMINATIONS	PSMO COLLEGE CENTRE FOR COMPETITIVE EXAMINATIONS	Dept. of Commerce and BBA	PSMO COLLEGE CENTRE FOR COMPETITIVE EXAMINATIONS	NET Coaching	16/07/2018

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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International

11	4	1

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Commerce and BBA	5

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Botany	1	6.22
International	Economics	4	2.12
International	Commerce	7	5.2
International	History	13	4.2
International	Malayalam	2	Nill
International	Physics	2	3.09
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Economics	3
Malayalam	2
Zoology	1
Commerce	1
History	1
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
In-vitro Plantlets regeneration from callus cultures of Cyclea peltata(Lam) Hook Thoms – A Medicinal Plant	Dr. Mustafaanand P.H., HoD of Botany	International Journal of Pharmacy and Biological science	2018	5	PSMO College Tirurangadi	Nill
International Migration: Levels and Trends	Dr. Shibinu. S, HoD of Economics	International Journal of Research and	2019	5.75	PSMO College Tirurangadi	1

| Analytical Reviews (IJRAR), Volume 6. Issue 1, January, 2019 | | | | | | |

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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Nanostructured Ceramics of Potassium Sodium Bismuth Titanate: Hydrothermal Synthesis and Piezoelectric Response at Morphotropic Phase Boundary	Nisamudheen Kunnath, Assistant Prof.of Physics	nEW jOURNAL OF gLASS AND cERAMICS	2019	20	1	PSMO COLLEGE TIRURANGADI

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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	4	14	12	5
Presented papers	2	22	8	Nill
Resource persons	Nill	18	5	2

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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Arogya Seminar	NCC, NSS, Student Union	11	220
Blood donation	NCC, NSS, Student	15	200

cam	Union		
Sevanavaram	NCC, NSS, Student Union	15	250
NSS day celebration	NCC, NSS, Student Union	15	200
Workshop on 'no more plastics II	NCC, NSS, Student Union	12	200
Flood Relief Activities	NCC, NSS, Student Union	10	130
World Environment Day Celebration (Survey -Nayi manzil	NSS	5	85
toy collection and distribution to the Anganavadi kids	NSS	10	45
International Day of YOGA	NCC, NSS	32	875
SwachH Bharat Oat h Taking	NSS, NCC	5	725
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Flood Relief Activities	Best rehabilation performance	Local Self Govt.	75
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swatc h Bharat h Cleaning Programme	NCC	MEGA SWACHATHA PAKWADA	3	106
Swatc h Bharat h Cleaning Programme	NSS	MEGA SWACHATHA PAKWADA	3	285
NIRACHARTH	NSS	Class room white wash	3	1200
Pink ribbon campaign	NSS	Pink ribbon campaign	5	300
30 October2018. The program	NSS, NCC	30 October2018. The program	10	300

Aids awareness class	NSS, NCC	Aids awareness class	3	450
WorkShop On Yoga	NSS, NCC	IDY	4	500
life without limits	NSS, NCC	Differently-abled Day observation	4	550
U- turn to Child hood Stall @ Vaakk um Chorukkum Programme	NSS, NCC	Abhayam – Home' for Homeless Project.	4	500
Observance of Martyr's day	NSS, NCC	Gadhiji's India and Youth	4	55
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Student Exchange/ Faculty Visit	Prof. Amy Catlin-Jairazbhoy	New York University	2
No file uploaded.			

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Student exchange programme for doing project under Aspire scholarship	Student exchange programme for doing project under Aspire scholarship	DGMMES MAMPAD COllege, Mampad, Malappuram	06/01/2019	06/01/2020	Dept. of Commerce
University of Visual and Performing Arts, Sri Lanka	Indian Ocean Cultural Stu dies/Heritag e studies/cu ltural exchange pro gram/conserv ation of heritage culture/	Moyin Kuti Vaidyar Mappila Kala Academy	03/05/2018	03/05/2019	Dept. of History
Internatio nal	Archival p reparation/c ultural	University of California,	01/05/2018	01/05/2019	Dept. of History

exchange /conservation of this intangible cultural heritage/preparing transcriptions.	USA			

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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
New York University	12/01/2019	Academic discussions and seminars/Exchange of ideas /Experience of local landscapes/Promote participatory approach	22
Markneukirchen Museum,Saxony, Germany.	09/03/2019	Oral history/Accessibility to Kerala-based performance /Mappila music/audio-visual media on the folk culture/conservation of local heritage culture.	41
MES College Mampad	07/01/2019	Student exchange programme for doing project under Aspire scholarship	21

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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
52	52

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Value of the equipment purchased	Existing

during the year (rs. in lakhs)	
Video Centre	Newly Added
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
koha	Fully	2	2018

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	42893	36459050	320	200000	43213	36659050
Reference Books	1271	2114944	556	545992	1827	2660936
e-Books	3800	304000	226	19210	4026	323210
Journals	3000	135000	12	7488	3012	142488
e-Journals	300	18040	72	1440	372	19480
Digital Database	8200	82500	75	6000	8275	88500
CD & Video	1700	85000	55	2750	1755	87750
Library Automation	2	75000	Nill	Nill	2	75000
Others(specify)	376	31960	55	4895	431	36855
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
Nil	Nil	Nil	Nill
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others

Existing	134	8	20	7	3	2	10	80	2
Added	2	0	1	0	0	0	0	40	0
Total	136	8	21	7	3	2	10	120	2

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

<div align="center">120 MBPS/ GBPS</div>

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NA	Nill

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
36	3648850	24	2317520

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The College has well established systems and procedure for the maintenance and optimum utilization of campus infrastructure and academic support facilities. Maintenance of Physical facilities • The physical facilities including class rooms, laboratories, seminar halls, Auditorium, computer labs are for the use of the students, with the supervision of teachers or staff of the college who are assigned duty as office bearers of the facilities. Maintenance of Classrooms and laboratories • All classrooms are provided with adequate infrastructure needed for teaching learning process. Laboratories of science departments are equipped with necessary apparatus and for conducting experiments prescribed in the curriculum and are fully functional. Maintenance of ICT facilities : 1. The college website is developed and maintained indigenously by the faculty members of the college. There are separate committees of elected faculty members for corrdinating these activities viz Website reformation committee. 2. • The maintnce of the ERP, TCS involve annual maintenance with installation of softwares and or software upgradation. TCS is maintained by Meshilogic, KINFRA Techno Industrial Park, Kerala. However the implementation of time tables, class room promotion and creation in TCS is done by the TCS committee involving the participation of atleast one faculty member from each department. • Two technitians are appointed in the computer labs for the management and maintance of the hardware ICT facilities of the campus. The revenue generated by relinquishing the computer labs to external agencies are used for the maintenance of these facilities. Repair of damaged ICT tools like printers, scanners, projectors, photocopiers and computers are done regularly so as to reduce e-waste. The maintenance of the Audio Visual facility of the seminar hall is also done by these technicians. Use and Maintenance of Hostel, Canteen and Non – resident Student Centre • College was able to provide hostel facility to all girl students in demand, during the assessment period. A separate boys hostel with limited number of accommodation is also there, however sports students are given priority to this facility. Maintenance of Library and Sport facility • The library is updated every year in tune with the demand of the curriculum. The library books are marked,

properly labelled and shelved in a maximum of one week time after purchase. All books are barcode enabled and its place in the shelves are updated in KOHA the ILMS for library. • The sports equipment, gymnasium, play ground and various courts are maintained and supervised by the department of Physical Education. Major Policies on Utility and Maintenance: • Buy back policy of books and consumables in laboratories • Repair / partial replacement / total replacement , if needed. • Cost effectiveness

https://psmocollege.ac.in/about/aims-objectives/

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Endowment prises	94	141000
Financial Support from Other Sources			
a) National	Scholarships and E grant	830	2905000
b)International	Alumni Scholarship	103	185400
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Career Expo	16/10/2018	175	Dept. of Commerce
Soft Skill- Placement Training, Training for Interview and GD,Soft Skill- Placement Training, Training for Interview and GD,	11/06/2018	125	ED Club
Language and Communication Skill Development	14/08/2018	180	Dept. of English
Book review presentations to promote reading skill	11/09/2018	75	Dept. of Malayalam
Language and Communication Skill- Certificate courses on Communication skill in English	20/11/2018	124	Dept. of English
Yoga Centre	08/01/2019	880	Dept. of Physical Education, NCC and

					NSS

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2019	PSMO College NET Coaching Centre- Dept. of Commerce, English, Chemistry, Maths	225	840	42	184

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
14	14	3

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
MKH	210	115	Microtech events	445	164

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5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2019	35	BSc	Zoology	Various colleges in Kerala	MSc Zoology
2019	38	BA	Economics	Various colleges and University Centres in Kerala	MA Economics
2019	48	BA	History	Various colleges in	MA History

| 2019 | 55 | BA | English | Various colleges in Kerala and outside the state | MA English |

| Kerala | | | | | |

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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	32
SET	18
GATE	3

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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
College Day	College level	700
Sports fest	College Level	650
FIne Arts Fest	College level	750

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5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Gold Medal in SOuth Asian Power lifting	International	1	Nill	42610	Syed Shi habudheen
2019	National Power Lifting	National	1	Nill	42610	Syed Shi habudheen
2019	Gold Medal in AITSC	National	1	Nill	KL17SDA1 81543	JITHIN MOHAN CM
2019	Gold Medal in AITSC	National	1	Nill	KL17SDA1 81555	devaki kutty
2019	Bronze in 100 m race	National	1	Nill	43685	Mohammed Arshaq Mangalam
2019	Bronze in 400 m race	National	1	Nill	43858	Shanu Jishal

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The institution ensures and facilitates the participation of students in almost all of its administrative endeviours, co-curricular and extracurricular activities thereby inculcate in them the leadership traits and the spirit of responsibility. Major participation of students in responsibility related to the governance of the institution include students union, student membership in IQAC, Student Quality Assurance Cell (SQAC) a branch of the IQAC to address the problems of the students and to include the recommendations and quality initiatives of the students to the quality assurance of the college, various other clubs, associations, Student Initiative in Pain and Palliative (SIP), NCC and NSS. College Union and its Activities: • On the course of every academic year, student union viz College Union is formed in the institution through election held in parliamentary mode as per the norms and guidelines of Lyngdoh committee, Govt. of Kerala and the University of Calicut. • The College Union Executive Committee consists of Chairperson, Vice - Chairperson (Reserved for Women), General Secretary, Two University Union Councilors, Fine Arts Secretary, Magazine Editor, General Captain. The student union: ? Organizes arts festivals like Fine arts, College Day etc. to promote students to participate in Zonal kalolsavam thereby promote and develop the artistic talents of students ? Conducts sports and games competitions to develop a spirit of sportsmanship among students. ? Organizes celebrations of local and national days to develop a spirit of patriotism among the students. ? The Union publishes college magazine annually showcasing the literary talents of the students. ? The Union Undertakes programs like Literary Fest ,music fest, social and cultural activities and conduct programs to train the students about duties and rights of citizens. Student representation through club, NSS and NCC • The NCC (Army wing) with a total cadet strength of 106 having 50:50 enrolment for boys (Senior Division) and girls (Senior Wing), Two units of NSS and other national level voluntary youth organizations function in the college very effectively. • The two units of NSS comprises a strength of 100 volunteers and two trained programme officers. Students of all level are eligible to join the organization that aim at developing a sense of social and civic responsibility. The NSS units of the college are highly dynamic in organizing very influential programmes in and outside the institution. • Several general and subject specific youth clubs like Social forestry, Bhoomithre sena, entrepreneurship, physics club, astronomy club, energy and environment club, readers forum etc function in the college and organizes various activities under student initiative.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Alumni Association of PSMO College has been functioning for many years as a driving force to promote the interaction and communications among the alumni of the college and as a strong pillar for the development of the college. It was established in 1981 with its office entitles Alumni House situated in the campus. The college has a vibrant alumni spread over different parts of the globe. Besides general Alumni association, Ex NCC Cadets association, Sports Alumni Association, department alumni associations also are functional in the college and they contribute to the betterment of the departments and the institution. • The alumni association convenes its Annual Meet every year. The meeting is conducted to reconnect with the Alumni and celebrate their success and various achievements giving inspiration to the present students.

5.4.2 – No. of enrolled Alumni:

15600

5.4.3 – Alumni contribution during the year (in Rupees) :

386000

5.4.4 – Meetings/activities organized by Alumni Association :

The Alumni Association of PSMO College has been functioning for many years as a driving force to promote the interaction and communications among the alumni of the college and as a strong pillar for the development of the college. It was established in 1981 with its office entitles Alumni House situated in the campus. The college has a vibrant alumni spread over different parts of the globe. Besides general Alumni association, Ex NCC Cadets association, Sports Alumni Association, department alumni associations also are functional in the college and they contribute to the betterment of the departments and the institution. The alumni association convenes its Annual Meet every year. The meeting is conducted to reconnect with the Alumni and celebrate their success and various achievements giving inspiration to the present students.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

From the very inception of the college, like other institutions under the Orphanage committee , administration of PSMO College Tirurangadi have been adhering to the democratic ethos of inclusive management and decentralization. This has created the spirit of job satisfaction, freedom of work, collective responsibility, self and mutual respect there by enhancing the scope for the growth of the institution. • Participative management is ascertained in all administrative bodies of the college. A broad minded welcome to suggestions, recommendations and positive criticisms is a basic feature of all these administrative bodies. • Decentralization is vividly used as an effective tool of leadership through various administrative bodies and cells thereby inculcationg leadership traits and strategies in the younger generation of all type of stakeholders of the college. The major cells and bodies that are formulated to exploit the philosophy of decentralization are listed below. Committees and Cells: The principle of division of labor through decentralization is applied at different domains for the effectiveness and completeness of administration by formulating various committees or cells or bodies. This ascertain proper delegation of authority in all of its hierarchical stages. This further promote the grooming of leadership at various stages. The following committees are functioning in the college for the implementation of different acts and roles under the strategic planning. • College Management committee • College Governing Council • IQAC and its decentralized sub committees viz, DQAC and SQAC • Staff Club • Academic Council • Examination Cell with a Chief superintendent of examinations • Discipline committee • Anti – ragging cell and Anti – ragging squad • Purchase committee • Construction and Renovation cell • Documentation committee • Publication and Media wing • Board for Adjudication of Student's Grievances (BASG) • Time Table and Infrastructure committee • Library Advisory committee • Canteen supervising committee • Fine Arts Samithi • Admission Committee • Women Development Cell (WDC) • Committee Against Sexual Harassment (CASH) • Research Advisory Committee • UGC Project Cell • Drop out Management Cell • Hygiene Maintenance Committee • Calendar Students' Handbook Committee • TCS Committee • Examination Squad • Scholarship Cell • PSMO College Cooperative Society • Internal

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Admission of Students	Minimum mark criterion is fixed for admission to management reservation seats in all courses.
Curriculum Development	More number of certificate courses are introduced. Teachers are encouraged to participate actively in syllabus related workshops of the affiliating university.
Teaching and Learning	Innovative teaching learning methods, software usage for teaching learning process are introduced. PArticipative learning and experimental learning are effective in the college.
Examination and Evaluation	Centralised examination and timely publication of result is ascertained.
Research and Development	Staff members are encouraged to join for PhD. Patent publication, MoU and linkages in this regard are encouraged by the College.
Library, ICT and Physical Infrastructure / Instrumentation	TWo technitians are being appointed for the maintanance of ICT facilities. Library is fully automated.
Human Resource Management	Human resource management workshps and seminars are always conducted.
Industry Interaction / Collaboration	A good number of collaboration for industry interaction and collaboration are achieved.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	The Enterprise Resource Planning software, Total Campus Solution is used for the purpose of planning and development.
Administration	TCS is used for the Academic Administration of the College. Features of TCS are used for office administration as well.
Finance and Accounts	Finance and accounts are digitalised with scope of usage of paper being reduced there is facility for online fee payment by students.
Student Admission and Support	On the very same day of taking

admission student details are uploaded
to the ERP and admission numbr is also
given.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2018	SIRAJUDHEEN P	UGC Sponcered National workshop on Nuclear Magnetic Resonance Spectroscopy (WNMRS- 2018)	WNMRS 2018	1400
2018	Dr. PRAJITHA KUMARI	International Conference on Emerging Trends Management, Engineering, Law, Technology and Science (ICEMELTS'18)	ICEMELTS 2018	19500
2018	JASEELA MP	30 th Kerala Science Congress	KSCSTE	2000
2018	SALEENA M	SOUTH INDIAN HISTORY CONGRESS(CONFERENCE)	IHCA	1000
2018	Mohamd Haseeb N	South Indian History Congress(CONFERENCE)	IHCA	1000
2019	Dr. Roopesh S	1. MESMAC International conference on People First? Man, Machine, Milieu	IAM	2000
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2018	Short	Short			60	25

term course on Academic Leadership	term course on administration	12/09/2018	15/09/2018		
2019 Short term course on Academic Leadership	Short term course on administration	20/03/2018	23/03/2018	70	30

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Training Programme on Academic Leadership	38	20/03/2019	23/03/2019	4
Training Programme on Academic Leadership	3	16/07/2018	19/07/2018	4
Training Programme on Academic Leadership	35	12/09/2018	15/09/2018	4
Orientation programm	1	01/11/2018	28/11/2018	28

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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
7	20	Nill	5

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Institutional welfare scheme for staff Members • Staff Co-operative society is functioning in the college. • Interest free loans are given to the staff on their request. • Financial support is provided for the staff to meet medical expenses in times of emergency. • Free Wi-Fi facility on campus and	Institutional welfare scheme for staff Members • Staff Co-operative society is functioning in the college. • Interest free loans are given to the staff on their request. • Financial support is provided for the staff to meet medical expenses in times of emergency. • Free Wi-Fi facility on campus and	1. Central library 2. REpographic centres 3. Canteen facility 4 .Hostel facility 5. SPorts facility 6. NCC, NSS, SIP other social service activity clubs, Sargavedi, Ganitha Vedi etc

domain email addresses to all staff members. • Institution provides free accommodation to staff in the College men's hostel. • Special Casual Leave is given to staff members during any medical emergency like diseases and its treatment. • ATM facility of SIB is available in the campus. • Canteen facility is provided to staff members at an optimum rate. • Free uniform is supplied to supporting staff and security men. • Gymnasium is available for the staff to maintain their physical fitness.• Provident Fund- The staff can invest in the GAINPF on a monthly basis. • Group Insurance Scheme (GIS) is given to staff for their welfare. It provides insurance benefits to the staff appointed in accordance with the rules of recruitment of the state. • State Life Insurance Scheme is provided to the staff at a low cost with twin benefits of an insurance cover to help their nominees in the event of death while in service and a lump sum payment to augment their resource on their retirement. • The college authority encourages Faculty members to apply for promotions without any delay and follows the UGC norms for their Career Advancement. • Maternity Leave is given to female staff members for 180 days to safeguard the interest of the mother immediately before and after the child birth. Leave benefits are also given to female staff who have a

miscarriage or tubectomy. • Paternity Leave for 10 days is given to male staff members to be emotionally and physically available for both mother and child, before and after the delivery.	miscarriage or tubectomy. • Paternity Leave for 10 days is given to male staff members to be emotionally and physically available for both mother and child, before and after the delivery.	

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Statutory Audit (by Chartered Accountant) • Statutory audit of all the accounts maintained by the college is done by a Chartered accountant every year. External Audit by Account General(AG), Gov. of Kerala • Periodical Audit is conducted by the Directorate of Collegiate Education, Govt of Kerala to verify the utilisation of funds received from the Central and state governments which include grants from UGC,RUSA, DIST-FIST, KSCSTE, KSHEC and other government agencies. External Financial Audit by Deputy Directorate of Education, Calicut, Government of Kerala • The Regional Deputy Director is authorized to audit the amount collected and received in the college related to general revenue of Govt ., Utilization/Non-Utilization details of such amount, its registers/accounts etc. The Deputy Directorate of Education, Calicut, Government of Kerala conducts financial audit every year and analyses all the registers and accounts of the college. External Audits for UGC Funds: • The college conducts external financial audit for all the grants received from UGC. The grants for Minor Research Projects, National Seminars, IQAC, General Development Assistance UG grants and General Development Assistance PG grants are verified by Chartered accountants and the utilisation certificates issued by them are submitted to UGC for verification and scrutiny. DST- FIST Funds / SERB – Tare Funds: • An external audit is conducted for the FIST programme of DST under the Ministry of Science and Technology, Government of Kerala.

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
College Management committee	7800000	Maintanace, consumables
No file uploaded.		

6.4.3 – Total corpus fund generated

3631445

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Principals Council	Yes	IQAC and Governing Council
Administrative	Yes	Principals Council	Yes	IQAC and Governing Council

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)
1. First Year Under Graduate Course Orientation programme 2. First year PG orientation programme 3. Open House PTA meeting at all departments for both UG and PG 4. Contribution to code of conduct of the College 5. Finnacial support and assistance to Ad hoc faculties

6.5.3 – Development programmes for support staff (at least three)
1. Transaction Analysis and Improvement in administration 2. Effective office administration 3. Workshop on Kerala Service Rules (KSR)

6.5.4 – Post Accreditation initiative(s) (mention at least three)
1. Strategic planning for improvement of research in the College 2. Commencement of New courses. 3. Excellance through multiple accreditation.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Short term course on Academic leadership	12/09/2018	12/09/2018	15/09/2018	80
2019	Short term course on Academic leadership	20/03/2019	20/03/2018	23/03/2018	60
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Invited Lectures on Gender and Genre	12/10/2018	12/10/2018	125	64
Certificate course in 'Gender and Sexuality'	06/08/2018	20/11/2018	64	42
Premarital Counselling	24/07/2018	27/07/2018	340	40

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
The college conducted energy and environment audit and green audit within the institution. The college has already established the following: 1. Alternate energy in the form of solar energy fixation and wheeling the same to the grid there by showing its obligation to the society by spreading the message of energy conservation and sustainable development. 2. Biogas plant instituted in 2016 is maintained annually and is charged using the biodegradable waste from the college canteen and Hostel. The plant is being used as a source of fuel for cooking purpose in the ladies hostel. 3. Rain water harvesting and recharging unit: A rain water harvesting reservoir of 50000 Litre capacity is functioning in the college. This facility is used to recharge the supplimentary water tank in the main block of the college resulting in the reduction in frequency of water pumping to various academic and administrative blocks of the college. This has further resulted in energy conservation . 4. The college also has established a sensor based energy conservation with the help of an indegenously developed technology involving automatic ON / OFF of LED bulbs of any power rating.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	12
Provision for lift	No	Nill
Ramp/Rails	Yes	120
Braille Software/facilities	Yes	7
Rest Rooms	Yes	11
Scribes for examination	Nill	7
Special skill development for differently abled students	Yes	4

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	12	35	18/12/2018	10	MEGA SWACHATHA PAKWADA	SWACHA, cleanliness, plastic free policy, awareness, govt. office cleaning	127

2018	5	35	19/06/2018	10	flood relief	Assistance for running flood relief camp	57
2018	7	22	17/08/2018	12	flood relief	Assistance for running flood relief camp	42
2018	7	45	04/09/2018	7	After flood cleaning	Cleaning the houses desserted due to flood, chlorination of water bodies and drinking water sources	78
2019	3	90	06/02/2019	1	Blood donation	Blood donation	79

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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Calender and Student Handbook	14/06/2018	All information booklet about the college given to all students and staff members

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Ethics in research	08/08/2018	08/08/2018	112
"Environmental Discourses in Arabic Literature"	16/12/2018	16/12/2018	74

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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Pedestrian friendly path ways 2. Seperate parking for Automobiles. 3. Institution of Herbal garder, biodiversity garden and planting tree saplings through social forestry. 4. Maintanance of garden and trees in the campus. 5. Proper waste management. 6. Plastic free campus

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

AKSHARASAMUDRAM - PSMO College Tirurangadi as a higher Education Institution that always work for social transformation and social justice through education by catering to the educational needs of neighboring community there by contributing to Nation Building. The very nature of the institution, being run by an orphanage that has been imparting renaissance in the region through the various educational institutions run by it, reflect this ideology. Being a prime higher education Institution of the region, the college has responsibility to all its stake holders and we believe that fostering the social responsibility of students and teachers through continuous community engagement is a major method of full filling it. 2. Objectives of the Practice The main objectives of the AKSHARASAMUDRAM project undertaken by the Institution as community engagement are as follows: • Contributing to the educational need of 10th standard students of the coastal area schools of the neighboring community and hence improving their pass percentage. • Catalyzing the community engagement of the staff and students of the college. • Creating an enthusiasm among the school students about higher education, particularly the way in which education take specialization in the higher education field. • Familiarizing the use of innovative teaching methods, peer teaching, mentor – mentee approach and participative learning among the benefitted student category. • Creating awareness about ICT enabled technological advancement of knowledge among students. • Contribute to the social and educational development of the rural community. • To create an awareness on the social realities among students and finding solutions to it through participation and experience thereby improving self-respect of the students. • Appreciating local knowledge, helping the people in need thereby creating a value based system among the students of the college and the beneficiary institutions. 3. The Context PSMO College Tirurangadi has come forward with a lot of community engagement activities through various bodies involving staff and students and is always committed to the progress and development of the neighboring community. The institutional initiatives in this regard has taken a structured nature, with the establishment of a well-coordinated programme viz Students Initiatives in pain and Palliative in 2013 working with the theme 'Miss a candy, save a life'. The focal area of activity of this body is highly in tune with the initiative of the Ministry of Human Resource Development on 'Fostering Social Responsibility in Higher Education Institutions' in 2012. The various programmes organized by SIP are complete reflections of the core values of the institution viz, 'service', ' Self-respect', 'Social Justice', 'Care' and competence. In the meanwhile some of the students of the college who are residents of the coastal region of Kuttayi, Tirur, a place just 22 Km away from the college came with the need of an assistance required by the high school students of the coastal region to improve their learning levels. The matter is came for discussion with college authority through SIP which often follow feedback from students about the planning for community engagement. The college decided to adopt the school for educational support via specialized mentoring scheme with a committee headed by the Principal Dr. K Azeez as the Chief director, Ms. Nabeena CP, Asst. Professor of Chemistry as staff coordinator and eighteen students from the department of English, Physics, Chemistry and Mathematics in which the students of the school were found to be weak as mentors. Since the target group is the students of coastal region the programme is coined with the name AKSHARASSAMUDRAM. 4. The Practice The programme is organized in a systematic manner with the following procedure opted for the implementation. i) Pre survey meet Survey: Every year the practice commences with the first week of August almost one month before the commencement of quarterly examinations in school. Before the commencement of the programme by the last of July a pre-survey meet to discuss the modalities of the programme and to finalise the standard Operation Procedure for the project are organised.

The meeting is often organized in some of the schools in the coastal region. In 2019 the meeting was held at Akshara HSS Tirur. A Project Implementation Committee (PIC) will be formulated in this meet. The PIC in consultation with the staff coordinator finalise the mentors in each subject area in which mentoring is offered by the college. Immediately following the meet a three day long survey is organized in the catchment area of the beneficiary institution through home visit to interact with parents to make them aware of the project and also to acquire awareness about the situation of the students in the coastal region in general and the socio - economic back ground of the beneficiary students in particular. . PRACTICE - II PSMOC Save 'E' Electronics LLP As Saving the energy is more economical than the production of electrical energy, we have developed a novel automatic ON/OFF sensor-based switching technology named 'Infrared Ray Controlled Automatic ON/OFF technology' (IRC Automatic ON/OFF technology) for the energy saving applications in the outdoor lights. A patent has been filed on this invention. For the production of the IRC automatic ON/OFF outdoor lights a company named 'PSMOC Save 'E' Electronics LLP' has been registered at the college campus and the trained students of the college have been employed as workers. This technology and the related products have great relevance in the society since they smartly save electrical energy. As a higher education institution, this invention meets the vision of Energy Conservation Act (EC Act) enacted in 2001 by the govt. of India with the goal of reducing energy intensity of Indian economy. OBJECTIVES OF THE PRACTISE 1. Give training to the students in LED making and repairing. 2. Reuse of the damaged LED lamps 3. Implementation of a novel and innovative, sensor based technology. 4. It is proposed that skills developed through technological advanced knowledge via training programs that we have been organising will enable the students to make use of the technology leading to entrepreneurships in future 5. Producing different IRC automatic ON/OFF outdoor light products 6. Promotion of entrepreneurships and giving part-time or full-time job to students 7. Promotion of competence among students via skill development 8. Exploitation of the technology for the neighbouring community through collaboration with the local self-government 9. Conservation of energy and hence contributing to sustainable energy CONTEXT As per the energy modelling exercise undertaken by the NITI Aayog — India Energy Security Scenarios (IESS), 2047, the energy demand of India is likely to go up by 2.7-3.2 times between 2012 and 2040, with the electricity component itself rising 4.5 fold. The National Renewable Energy Act 2015, National energy policy 2017 and all energy policies of India have over the years directly aimed to raise per capita energy (and electricity) consumption. But the country has to still go a long way on securing its energy security objective. The electrical energy is the energy of the future. Since the energy saving is more economical than the production of electrical energy, it is very much essential to develop new technologies that could save the electrical energy.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link
https://psmocollege.ac.in/best-practices/

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Ever since its establishment in July 1968 as a junior college affiliated to the University of Kerala in grant in aid sector under the management of the Tirurangadi Muslim Orphanage committee, Pocker Sahib Memorial Orphanage College Tirurangadi have been playing a pivotal role in the social and educational development of the region. 49th year of establishment, the institution has now become emerged as a premier institution for higher education, under the

University of Calicut, in terms of infrastructure, programmes, staff and student strength and community engagement. Being established and maintained by the Tirurangadi Muslim Orphanage committee, the institution has always shown keen thrust in catering to the educational need of the weaker sessions of the society including orphans, girl students and socio – economically backward classes, thereby ascertaining their upliftment and above all imparting a value based system to its stake holders and hence to contribute nation building. The institution in this manner, fulfil its obligation as a higher education institution, going hand in hand with its core values of establishment namely service, self-respect, social justice care and competence. One of the most distinguishing feature of the institution is its locality, around 500 meter away from the national highway 66, 12 km away from the railway station at Parappanangadi, 20 Km away from the district headquarters, 22 km away from the Calicut International Airport and just 15 km away from the University of Calicut to which it is affiliated to. The ease of accessibility has helped the institution to organise eight international seminars, seven national seminars and twenty valuation camps of the affiliating university and a large number of programmes related to social justice. The institution being located towards the semi urban coastal belt of the Malabar in the south west part of our country has organised a good number of activities for the overall development of the neighbouring community besides imparting quality education to its students from the region. The AKSHARASAMUDRAM project of the institution focussing the educational needs of the tenth standard students of the coastal area high school students through specialised mentoring schemes has resulted in the improvement of the pass percentage of the beneficiary institution. At present, more than 70 percentage of the student strength of the institution is contributed by the girl students and are showing good progression to research and higher education. In fact a large number of students, particularly girls are developing research temper and aptitudes in the form of fellowships for research under the schemes like PRATHIBHA, ASPIRE and INSPIRE fellowships. The institution keep its strategy of giving quality education to the weaker sessions of the society by giving reservation to orphans in the seats reserved in management category and in appointment of staff.

Provide the weblink of the institution
https://psmocollege.ac.in/about/institutional-distinctieveness/

8.Future Plans of Actions for Next Academic Year

1. An awareness about the SWAYAM portal, MOOC and e content authoring must be made among the faculty members. 2. An awareness about the Revised Accreditation Framework of NAAC must be created among all stakeholders of the College. 3.Participation of faculty members in the Professional Development Programmes conducted by UGC- HRDC may be encouraged . 4. The usage of LMS by faculty members require a uniformity. This can be done by launching a common LMS preferably MOODLE for the entire institution. 5.A Teachers Work Diary a part of one among the institution level best practice must be modified by including all the recommendations made by the IQAC. 6.The website of the College must be reformed 7. It is always encourageable for the HEIs to go for multiple Accreditation. In this regard the college must apply for NIRF, SWACHATHA and ARIIA ranking. 8. Paper presentations/participation in international/national seminar may be encouraged. 9.In order to cater to student diversity and hence to improve the standards of learning the functioning of various schemes like Walk with a Scholar, Scholar Support Programme etc are to be improved. 10. Remedial Coaching programme should be Strengthened 11. Students should be made aware of all kinds of scholarships available to them and should be encouraged to apply for them. 11. Regular monitoring of the sanction of the scholarships and the amount received should be done. 12. In order to improve the Science and Technology infrastructure the college, with the joint initiative of all the Science departments the

completion of the sanctioned DST - FIST fund project is to be done. 13.In order to improve international collaboration in teaching, learning and research, international conference are to be hosted in the institution. 14. Migration of faculty members for collaboration related internship are to be promoted. 15.Projects of Post graduate students of other institutions may be undertaken by faculty members. They can use the facilities of the laboratories and nominal fees may be charged from the students. 16. Participation of students in competitions conducted by other institutions and agencies may be improved. 17. Research among the faculty members should be encouraged in all possible manner. 18. Steps are to be taken by various departments for clearing NET / SET and competitive entrance examinations for admission in prestigious institutions of the nation. 19. The unflinching support of the neighbourhood community is crucial in the impressive growth of the institution. Hence we propose to increase the number of extension and outreach activities conducted by the college. 20. As a future oriented and eco sensitive, the institution has to seek newer sources of energy. Hence we propose to install a solar power plant at the college so as to ensure uninterrupted supply of power and minimal environmental pollution. We also propose to organise energy conservation awareness programmes and encourage the use of renewable energy sources. 21. Service and Care are the two core values the institution holds high. The student community at PSMO internalises the core values from their everyday life.