PAYYANUR COLLEGE, PAYYANUR

(Affiliated to Kannur University)

P.O. EDAT, PAYYANUR

KANNUR DISTRICT

KERALA STATE - 670327

www.payyanurcollege.ac.in

ANNUAL QUALITY ASSURANCE REPORT 2013-14

Submitted to National Assessment and Accreditation Council Bangalore

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Part – A

1. Details of the Institution

1.1 Name of the Institution

> PAYYANUR COLLEGE

1.2 Address Line 1

> EDAT

Address Line 2

> PAYYANUR

City/Town

> KANNUR DISTRICT

State

> KERALA

Pin Code

> 670327

Institution e-mail address

> payyanurcollege@rediffmail.com

Contact Nos.

> 0497 280 5521

Name of the Head of the Institution:

> M.P. Jayarajan

Tel. No. with STD Code:

> 0497 280 5521

Mobile:

> 9895162926

Name of the IQAC Co-ordinator:

> Dr K C Muraleedharan

Mobile:

> 9447685659

IQAC e-mail address:

iqacpnrcrar@gmail.com

1.3 **NAAC Track ID** (For ex. MHCOGN 18879) : MARCH 31/2007/015

1.4 Website address:

www.payyanurcollege.ac.in

Web-link of the AQAR:

www.payyanurcollege.ac.in/AQAR201314.doc

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A	8.52	2007	5 YEARS

1.6 Date of Establishment of IQAC :   DD/MM/YYYY   20.06.2007

1.7 AQAR for the year *(for example 2010-11)*   2013-2014

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((*for example AQAR 2010-11submitted to NAAC on 12-10-2011)*

    i.   AQAR 2012-13 on 6.12.2017

1.9 Institutional Status

    University   State ✔ Central ☐ Deemed ☐ Private ☐

    Affiliated College   Yes ✔   No ☐

Constituent College   Yes ☐   No ✔

Autonomous college of UGC   Yes ☐   No ✔

Regulatory Agency approved Institution   Yes ✔   No ☐

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution   Co-education ✔   Men ☐   Women ☐

                      Urban ☐   Rural ✔   Tribal ☐

Financial Status   Grant-in-aid ✔   UGC 2(f) ✔ UGC 12B ✔

                   Grant-in-aid + Self Financing ☐   Totally Self-financing ☐

1.10 Type of Faculty/Programme

       Arts ✔   Science ✔ Commerce ✔ Law ☐   PEI (Phys Edu) ☐

       TEI (Edu) ☐ Engineering ☐   Health Science ☐   Management ☐

       Others   (Specify)   .

1.11 Name of the Affiliating University *(for the Colleges)*   KANNUR UNIVERSITY

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

   Autonomy by State/Central Govt. / University ☐

   University with Potential for Excellence ☐   UGC-CPE ☐

   DST Star Scheme ☐   UGC-CE ☐

   UGC-Special Assistance Programme ☐   DST-FIST ☐

UGC-Innovative PG programmes [ ]   Any other (*Specify*) [ ]

UGC-COP Programmes [ ]

2. IQAC Composition and Activities

2.1 No. of Teachers   9

2.2 No. of Administrative/Technical staff   2

2.3 No. of students   1

2.4 No. of Management representatives   1

2.5 No. of Alumni   1

2. 6 No. of any other stakeholder and

    community representatives   0

2.7 No. of Employers/ Industrialists   1

2.8 No. of other External Experts   0

2.9 Total No. of members   15   2.10 No. of IQAC meetings held

2

2.11 No. of meetings with various stakeholders: No. [5]   Faculty [3]

    Non-Teaching Staff   [1]

Students [1]   Alumni [0]   Others [0]

2.12 Has IQAC received any funding from UGC during the year?   Yes ✔   No ☐

      If yes, mention the amount   3 lakh

2.13 Seminars and Conferences (only quality related)

    (i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. ☐   International ☐   National ☐   State ☐   Institution Level 1

  (ii) Themes

1.   ICT in education

2.14 Significant Activities and contributions made by IQAC

1. Discussions with all the constituencies of the college to enhance quality. NSS units of the college were encouraged to take up extension work as part of the institutional social responsibility. IQAC core committee members in the NSS advisory board helped them chart out programmes in this regard.

2. Departments were given orientation to tie up with national institutes and funding agencies. Chemistry department was chosen as the venue for an International workshop sponsored by Indian Academy of Sciences. Department of Hindi and Physics conducted National seminars

3. Decide to give intense training to selected students for participating in University Arts festival.

4. IQAC core committee discussed the need for qualitative teaching learning methods to be adopted for all course and especially for the newly sanctioned MA English course. Evening classes were arranged for the MA students to give them a good beginning.

2.15 Plan of Action by IQAC/Outcome

    The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements

1. General meeting of parents and teachers of first semester UG	1. Conducted
2. Result Monitoring	2. Enabled to identify weak points and rectify them
3. Department Profile preparation orientation	3. Given – uniformity was achieved
4. Orientation to new teachers	4. Ensured the participation of young teachers in quality assurance process
5. Public announcement system bettering	5. Better communication ensured
6. Film appreciation camp	6. Insight into the intervention of media in shaping social reality
7. Environment conservation through NSS	7. Human resource management for social action
8. Library Committee for student internet browsing	8. Rationalize student use of internet and browsing
9. Women empowerment and Gender parity	9. Insight into oppressive structures
10. Training for office correspondence	10. Work efficiency increased
11. Office networking	11. More quantum of work in less time
12. Office automation –related training	12. Professional competence level enhanced
13. Maths Alumni student Park	13. Space for students to spend leisure time and also space for open-air classes and meetings
14. Infrastructure expansion	14. College management agrees to think over a new centralized building facility to house the college in the context of starting MA in English and BBA in future and prepare for reaccreditation.
15. International, National and Institutional seminars and talks in various disciplines	15. Occasion for updating knowledge, shaping the inclination to research

  * Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body   Yes ☑   No ☐

Management ☑   Syndicate ☐   Any other body ☑

Provide the details of the action taken

Approved for submission

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	3	0	0	0
PG	3	1	0	0
UG	13	0	0	0
PG Diploma	0	0	0	0
Advanced Diploma	0	0	0	0
Diploma	0	0	0	0
Certificate	0	0	0	0
Others	0	0	0	0
Total	19	1	0	0

Interdisciplinary	0	0	0	0
Innovative	0	0	0	0

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
    (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	17
Trimester	0
Annual	0

1.3 Feedback from stakeholders*   Alumni [-]   Parents [-]   Employers [-]   Students [✔]
    (On all aspects)

       Mode of feedback   :   Online [ ]   Manual [✔]   Co-operating schools (for PEI) [ ]

Please provide an analysis of the feedback in the Annexure

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

    Revision due in 2014

1.5 Any new Department/Centre introduced during the year. If yes, give details.   No.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of
permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
71	43	28	0	0

2.2 No. of permanent faculty with Ph.D.

26

2.3 No. of Faculty Positions
Recruited (R) and Vacant (V)
during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
5	5	0	0	0	0	0	0	0	0

2.4 No. of Guest and Visiting faculty and Temporary faculty

4   0   0

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	3	38	33
Presented papers	7	26	4
Resource Persons	0	1	5

2.6 Innovative processes adopted by the institution in Teaching and Learning:

1. Use of online resources like video clips and simulations in the class
2. Role play to improve communication abilities
3. Shakespeare theatre Model and Painting collections to aid the study of literature.
4. Use of models - Science and History
5. Assignments and seminars to impart writing skills and subject knowledge.
6. Screening of syllabus related films and documentaries followed by discussion
7. Audio facilities for teaching pronunciation in English classes

2.7 Total No. of actual teaching days
during this academic year

180

2.8 Examination/ Evaluation Reforms initiated by

University prerogative

the Institution (for example: Open Book Examination, Bar Coding,
Double Valuation, Photocopy, Online Multiple Choice Questions)

2.9 No. of faculty members involved in curriculum
     restructuring/revision/syllabus development

28	0	0

     as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

89

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
Mathematics PG	15	26.67	46.67	0	0	73.3
Mathematics UG	27	62.96	18.51	7.41	0	88.9
Physics PG	10	0	70	0	0	70
Physics UG	29	55	24	14	0	94
Chemistry PG	12	58.3	41.7	0	0	100
Chemistry UG	36	66.7	30.6	2.8	0	100
Zoology UG	28	39.2	39.2	3.7	0	82.1
Botany UG	26	30.8	65.4	3.8	0	100
Hindi UG	28	42.9	42.9	7.1	0	92.9
Functional Hindi UG	19	36.8	63.2	0	0	100
Malayalam UG	27	0	0	59.3	22.2	81.5
English UG	34	14.70	52.94	26.47	5.88	100
History UG	31	6.45	41.93	25.80	25.8	74
Political Science	39	2.56	66.7	12.8	0	82.05
Economics	44	0	56.8	13.6	0	70.5
B Com	54	7.14	58.92	25	0	91.07

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

1. Suggestions made to faculty to engage special classes to finish portions sufficiently early to enable
    the students to give students a period of leave

2. Faculty are advised to convert some tutorial sessions into remedial classes if needed.

3. Department meetings followed by College council meetings for monitoring student progression.

4. Suggestions to conduct bridge courses are given.

2.13 Initiatives undertaken towards faculty development   36

Faculty / Staff Development Programmes	*Number of faculty benefitted*
Refresher courses	5
UGC – Faculty Improvement Programme	1
HRD programmes	3
Orientation programmes	3
Faculty exchange programme	0
Staff training conducted by the university	0
Staff training conducted by other institutions	26
Summer / Winter schools, Workshops, etc.	0
Others	0

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	27	3	0	0
Technical Staff	2	0	0	0

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. Faculty and students are given research orientation through personal interaction, motivation sessions.

2. Redressing departmental grievances regarding journals and books required for enhancing research aptitude.

3. INFLIBNET subscription for staff and students

4. Departmental monitoring and promotion of library use and reading facilities.

5. Students and faculty are encouraged to attend seminars and visit institutions and exhibitions of academic orientation.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	1	0	1
Outlay in Rs. Lakhs	0	6.7	0	0

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	1	9	0
Outlay in Rs. Lakhs	0	1.2	10.575	0

3.4   Details on research publications

	International	National	Others
Peer Review Journals	14	5	0
Non-Peer Review Journals	0	2	2
e-Journals	0	0	0
Conference proceedings	0	0	0

3.5 Details on Impact factor of publications:

Range 0.43 – 2.1   Average 0.5   h-index 3   Nos. in SCOPUS 8

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2010-13	UGC	6,70,000	5,40,000
Minor Projects	2 years	UGC	10,57,500	1,05,000
Interdisciplinary Projects	0	0	0	0
Industry sponsored	0	0	0	0
Projects sponsored by the University/ College	0	0	0	0
Students research projects *(other than compulsory by the University)*	0	0	0	0
Any other(Specify)	0	0	0	0
Total			17,27,500	6,45,000

3.7 No. of books published   i) With ISBN No.   [0]   Chapters in Edited Books   [0]

ii) Without ISBN No.   [0]   [0]

3.8 No. of University Departments receiving funds from

UGC-SAP [ ]   CAS [ ]   DST-FIST [ ]

DPE [ ]   DBT Scheme/funds [ ]

3.9 For colleges   Autonomy [ ]   CPE [ ]   DBT Star Scheme [ ]

INSPIRE [ ]   CE [ ]   Any Other (specify) [ ]

3.10 Revenue generated through consultancy   [0]

3.11

No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	1	3	1	2	18
Sponsoring agencies	Indian Academy of Sciences	UGC	PTA, Management	NSS, Students	NCC, Staff, Union, PTA

3.12 No. of faculty served as experts, chairpersons or resource persons   6

3.13 No. of collaborations   0   International   0   National   2   Any other

3.14 No. of linkages created during this year   1

3.15 Total budget for research for current year in lakhs:

From Funding agency   17.275   From Management of University/College   0

Total   17.275

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	0
	Granted	0
International	Applied	0
	Granted	0
Commercialised	Applied	0
	Granted	0

3.17 No. of research awards/ recognitions   received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
0	0	0	0	0	0	0

3.18 No. of faculty from the Institution
who are Ph. D. Guides   7
and students registered under them   10

3.19 No. of Ph.D. awarded by faculty from the Institution   4

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF [   ]   SRF [   ]   Project Fellows   1   Any other [   ]

3.21 No. of students Participated in NSS events:

University level   100   State level   2

National level   0   International level   0

3.22 No. of students participated in NCC events:

University level [ ]   State level [107]

National level [9]   International level [0]

3.23 No. of Awards won in NSS:

University level [2]   State level [0]

National level [0]   International level [0]

3.24 No. of Awards won in NCC:

University level [0]   State level [0]

National level [0]   International level [0]

3.25 No. of Extension activities organized

University forum [0]   College forum [1]

NCC [2]   NSS [25]   Any other [4]

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

The following activities were planned to fulfil the Institutional Social Responsibility in accordance with the twelfth five year plan guidelines

• Planned International, national and institutional level seminars in accordance with the twelfth five year plan goals

• Hosted various sports competitions

• Intensive fine arts promotion and arranging of opportunities to talented students in association with experts of the filed concerned.

• Opening up of departments to school students as leaning resources.

• NSS: construction of roads, National integration and legal literacy classes

• NSS: University level Best Unit Award received by Unit 11 and Best Programme Officer award to Sri. M.V. Padmanabhan

• NCC: Raising national consciousness by sending students to attend ATC, CWATC, NIC and Pre-RD camps.

• EDP club to promote entrepreneurship among student community

• Forestry club and Zoology club to address issues related to environment and conservation

• Departmental exhibitions for school students.

• Career Guidance Cell for connecting prospective employees to employers.

• Free Coaching camp for rural talents in Football and Volleyball

• Film festivals.

• Management Meet

• Book release in memory of the renowned and pioneering environmentalist and nature scholar, the late **John C Jacob** by the Hon. Vice Chancellor, Prof. Dr. Michael Tharakan.

Criterion – IV
4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	65.72 acres	0	-	65.72 acres
Class rooms	44	1	-	45
Laboratories	10	0	-	10
Seminar Halls	2	0	-	2
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	0	0	-	0
Value of the equipment purchased during the year (Rs. in Lakhs)	0	0	-	0
Others	0	0	-	0

4.2 Computerization of administration and library

Yes, except purchase

4.3   Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	45205	4755012	1237	387804	46442	5142816
Reference Books	1199	422624	14	4125	1213	426749
e-Books						
Journals			11	4448	11	4448
e-Journals						
Digital Database						
CD & Video	217	33738	2	400	219	34138
Newspapers & Periodicals			90	46661	90	46661

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	94	3	94	4	1	7	15	-

Added	22	-	-	-	-	2	-	-
Total	116	3	94	4	1	9	15	-

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

> Networking of the office completed
>
> Training classes given to the supporting staff on the advantages of office automation and file sharing.
>
> The first semester students introduced to browsing and resource gathering.

4.6 Amount spent on maintenance in lakhs :

    i) ICT   4.96

    ii) Campus Infrastructure and facilities   32.85

    iii) Equipments (Furniture too)   12.85

    iv) Others   0

           Total :   50.66

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

1. The freshers are introduced to the facilities in the and various constituencies at the general meeting of the first year students and parents.

2. Suggestions towards better communication facilities to ensure that information reaches the student community: services like announcement, display of notices, college calendar, college web site updation besides mobile messages (some teachers only).

3. Holding fresh students' and parents' meeting before the commencement of first semester to give orientation for studies and provide information about the services available in the college.

4. Faculty sensitization sessions on rendering student support services effectively by circulating UGC, NAAC, Kerala Government and Kannur University orders.

5.2 Efforts made by the institution for tracking the progression

Periodic meetings of different constituencies like College Council and PTA and also through the feedback on different aspects of functioning of the college.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1498	86	14	0

(b) No. of students outside the state

2

(c) No. of international students

0

Men

No	%
510	31.91

Women

No	%
1088	68.09

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
446	215	20	889	6	1576	440	218	30	902	8	1598

Demand ratio   1:10   Dropout %: 1.3

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

Career Guidance cell provides information about coaching classes for competitive examinations

UGC aided classes for competitive examinations and Remedial coaching for students are also there.

NET	2	SET/SLET	6	GATE		CAT	
IAS/IPS etc		State PSC		UPSC		Others	

5.6 Details of student counselling and career guidance

1. Classes on "Emerging Research areas in Science", and "Employment Opportunities in Central Government Services", interview skill enhancement training

2. Education counselling by various departments and Career Guidance cell.

3. Counselling sessions as part of Tutorial and Mentor work.

6. Programmes incorporating National Knowledge Commission suggestions on skill enhancement

No. of students benefitted   110

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
1	91	3	-

5.8 Details of gender sensitization programmes

1. Gender sensitization in syllabus of common and core courses of English and other disciplines and it is part of the classroom transactions.

2. NSS (Unit 11) – One Day Women Empowerment Workshop (Kerala State Youth Welfare Board and NSS unit Kannur University) – 12.03.2014 - gender parity

3. Women empowerment through college union, student forums MATHRUKAM and SNEHITHA and NSS and NCC activities.

3. As most of the students enrolled are women, every programme is practically an attempt at woman empowerment.

5.9.1   No. of students participated in Sports, Games and other events

State/ University level   119   National level   5   International level   0

No. of students participated in cultural events

State/ University level   120   National level   1   International level   0

5.9.2   No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level   37   National level   0   International level   0

Cultural: State/ University level   89   National level   0   International level   0

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	39	20,640
Financial support from government	1081	20,19,900
Financial support from other sources	29	5,17,384
Number of students who received International/ National recognitions	4	21,500

5.11   Student organised / initiatives

Fairs   : State/ University level   0   National level   0   International level   0

Exhibition: State/ University level   0   National level   0   International level   0

5.12   No. of social initiatives undertaken by the students   2

5.13 Major grievances of students (if any) redressed: Complaints against plastic littering, Waste dumping, Drinking Water outlets: Addressed and measures taken for redressal

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION: Our Education, Our Future

MOTTO: Vidhyadhanam Sarvadhanat Pradhanam (Education is the Ultimate Riches).

MISSION STATEMENT: The seminal aspects of our MISSION are:

• Harmonious development of the students and the local community through higher education of remarkable quality

• Dissemination of secular and democratic values in the learners and the people around with a view to building a cohesive and tolerant society.

• Addressing the discriminations based on gender, class and caste and preparing the students to move beyond such prejudices to contribute to national development.

• Propagation of Sciences, Social, Biological and Mathematical, to assist the formation of a productive knowledge society.

• Developing global competency in students by providing a strong foundation in different disciplines.

• Preservation as well as advancement of the literary wealth of different Indian and foreign languages through study, teaching and creative interaction.

• Empowerment of women and the socially deprived sections through education and participation in academic activities.

• Preservation of biodiversity of the area.

• Exposure to Information and Communication Technology and adaptation of it to Teaching, Learning, Evaluation and Research and also to other local needs.

6.2 Does the Institution has a management Information System

No. Though there is no management information system software, information is managed successfully partly manually and through software in part.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The third batch of the Direct Grading with Choice based credit semester system (2011-2014) to go out in March. It is generally felt to be a student-friendly system that needs to be improved and faculty members attended such workshops and participated in the academic curriculum design workshops

Apart from this, various strategies were adopted to improve the quality of the curriculum:

1. One faculty was given the charge of the coordinator for the Grading system project at the college level to clarify doubts and coordinate between the university and college.

2. Oral feedback on curriculum and grading system.

3. Suggestions advanced during curriculum review meetings.

4. Faculty address issues in curriculum in their respective forums and organs.

6.3.2 Teaching and Learning

General Measures: 1. Measures taken to effectively run the UG classes in the Direct Grading System and Choice based Credit Semester System for the last four years according to University guidelines

2. PG and UG departments promote innovativeness in classroom content transaction and instil research attitude in students by promoting reading of Journals, use of internet archives and other knowledge resources.

3. Print and electronic resources like books, news paper articles (Sunday specials and Education pages) etc related to educational innovativeness were collected for reference.

3. The use of sophisticated learning strategies like ICT, audio-visual devices are encouraged by the institution in running classes and doing seminars and assignments.

4. Appointment of faculty with NET and research qualification through rigorous interviews are done by the selection committee constituted according to UGC and State government rules.

Specific steps taken in this line are:

1. Maximum number of classes ensured following university academic calendar, encourages special classes, ensures timely finishing of portions, conducts educational camps and study trips, and provides the students with lecture notes for better results.

2. Remedial coaching classes, doubt clearing sessions, revision classes for difficult subjects.

3. Adoption of student-friendly methods like bridge courses and study leave for better performance and learning.

6.3.3 Examination and Evaluation:

Both these aspects are exclusive privileges of the university to which the college is affiliated and so there is little choice in these matters. Some departments promote learning by quizzes, random tests, oral tests. The college conducts a Model examination before the university examination to equip them to face the summative evaluation at the end of the semester.

6.3.4 Research and Development

1. Research and Library Advisory Committees: function to create awareness regarding the need to transform students and teachers to producers of knowledge in tune with the fact that 'Knowledge challenges of the 21st century' that NKC anticipated could be realized by the institution only through research. This idea is popularized through posters, articles and talk sessions.

2. These committees study the knowledge potential and impact factor of the journals available in each discipline time to time and the subscription of such journals which are found to really serve the academic and research interests are recommended for further subscription. New journals and books are brought to reader's attention immediately after the purchase. Landmark articles in journals are notified by display of details.

3. Reading statistics in the General library are reviewed by the Library advisory committee to ensure optimum use of print and digital resources available in the library and measures are taken to promote reading and the use of resources. The library serves the interests of the researchers by clipping and special articles collection.

4. Faculty members are encouraged to avail of opportunities provided for research and knowledge updation by UGC like FDP, Refresher and Orientation programmes, Summer courses, Seminars and workshops.

5. Staff forums function to encourage faculty for knowledge advancement and also to instil and promote research aptitude.

6. Student projects are digitalized and kept for reference in some departments.

6.3.5 Library, ICT and physical infrastructure / instrumentation:

1. Library services are streamlined by the Advisory Committee and new technology to ensure easy access, better outcome and greater service for the stakeholders is installed.

2. Flexible working time suggested and implemented in spite of shortage of staff for redressing student needs in pre-examination months and assignment and seminar preparation times. Direct access provided to peer readers among students on request.

3. Feedback from stakeholders (12-13 feedback) is used to better the functioning of the library.

4. Bar-coded books, software book search facility.

5. Facility for reference provided to Research scholars, students from other colleges, alumni through proper channel.

6. Clipping, archives, New Arrivals Display, Special collections

7. INFLIBNET for promoting research-oriented readings.

8. All departments are net connected.

9. Training sessions for technological orientation of faculty, supporting staff and students are conducted with every new addition.

10. Infrastructure survey is conducted to measure the need and suggestions regarding needed addition to existing infrastructure and timely maintenance of the available ones are put across for the Principal's and Manager's consideration are submitted.

6.3.6 Human Resource Management

1. NSS, NCC and other forums are the means for human resource development and management..

2. Faculty, Office Staff and students are encouraged to utilize opportunities for human resource development.

3. The awareness that 'Knowledge challenges of the 21st century' that NKC anticipated could be addressed only through research was imparted through posters and talk sessions.

4. Senior student projects in digital form are made accessible to new learners in some departments

6.3.7   Faculty and Staff recruitment

Appointment of teachers and supporting staff are conducted according to UGC norms and Kerala Service Rules. The vacancies are notified in national news papers and applicants are recruited by a duly constituted body formed of the subject expert nominated by the University, a government nominee, Management representatives and the Principal. The selection has to be approved by the University and the Deputy Director of Education for regularization and there is also one year of probation.

6.3.8   Industry Interaction / Collaboration

Industry interaction is promoted by the science departments by making it a part of the curriculum of which project work is one of the core courses of study: visit to factories, other industrial establishments and field work along with interviews, discussions and gathering of data and information.

Science departments send students to industrial firms for student projects while social sciences associate with local bodies.

Department of Commerce has set up industry connections as well as connections with financial institutions for promoting the interest of students.

6.3.9   Admission of Students

Admission of students to various courses is conducted according to University regulations and Kerala Government rules satisfying all constitutional responsibilities of reservation stipulated from time to time and also observing standards of merit. All measures are taken to maintain the transparency of the process by the college.

6.4 Welfare schemes for

Schemes	Teaching	Non teaching
Annual Paid vacation	✓	Vacation staff
Group insurance	✓	✓
Maternity and paternity leave	✓	✓
State Life Insurance	✓	✓
Provident fund	✓	✓
Group Insurance	✓	✓

Family Benefit Scheme		✓	✓
Casual leave		15 days	20 days
Ten days commuted leave		✓	✓ (Surrender facility)
Students	Scholarships, Remedial coaching, Counseling centre, Tutorials ,Students Cooperative store, Merit & Merit-cum-Means Scholarships , Group Insurance for all students, Career counseling, Book bank scheme, Stipend for SC/ST students , Noon Meal Scheme		

6.5 Total corpus fund generated

14,00,000

6.6 Whether annual financial audit has been done   Yes ✓   No ☐

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	DD, DCE, University	Yes	IQAC
Administrative	Yes	DD, DCE	NO	-

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes   Yes ☐   No ✓

For PG Programmes   Yes ☐   No ✓

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

75 % attendance made compulsory for attending annual examination, Chance for improvement of results, Revaluation and recounting facility, Camp and Home valuation as per requirement, Grading system introduced to resolve wide gaps in valuation due to lack of objectivity

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

University promotes a move towards autonomy by highlighting the need for it in circulars, questionnaires and academic and administrative feedback demanded from the college.

6.11 Activities and support from the Alumni Association

Departmental Associations are very supportive in activities like:

1. Alumni resource sharing

2. Support for mobilization of funds and conducting programmes – KTK foundaion

3. Seminars

4. Student Park construction by Mathematics first batch, infrastructure strengthening

6.12 Activities and support from the Parent – Teacher Association

Most supportive constituency in day to day functioning of the college.

1. PTA meets half the amount of guest faculty salary every year (Rs 1, 40,000).

2. Activities of this year include the distribution of cash awards, financial assistance to departments for seminars and journals (Rs 10,22,98,), Jersey for sports stars (Rs 20,000), Medical aid to students (Rs 6,923), Fine Arts Fund (2,98,500).

3. Takes up and dutifully finishes small and essential projects for the developments of the college like networking, installation of drinking water outlets, small scale maintenance of infrastructure.

6.13 Development programmes for support staff

The college conducts short duration computer training and skill enhancement sessions, Training in office correspondence and drafting to college faculty and office staff as an IQAC initiative.

6.14 Initiatives taken by the institution to make the campus eco-friendly

The projects of earlier years continued with some additions:

1. Teak garden and Mahogany plantations project: Protection measures taken against wild fire.

2. More rain water trapping pits made with the help of NREGP.

3. Fruit and flower gardens maintenance planned with the help of PTA and Management assistance

4. Botany herbal garden and orchard relabelled and set as field study and in situ learning spot

5. Zoology butterfly park shifted to new location to make space for construction of new building

6. Student park mooted to serve as space for Open-air classes.

9. Restricted entry for vehicles to the immediate premises as part of reducing carbon footprints.

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

1. Home for the Homeless – Constructed a house for the old homeless woman Kalyanikutty Amma – NSS unit No II led the programme for the college

2. Prof. A K Raghavan Nambiar Student Park: First batch Mathematics Alumni

3. International Workshop and National seminars in tie-up with national institutes

4. Two day CSIR/UGC/JRF/NET coaching camp arranged for PG students of the college (7th and 8th December, 2013)

5. Wild Life Week celebration and littered plastic waste collection and safe disposal.

6. Planning of current year activities on the basis of the survey results conducted by the Department of Statistics in 2012 - 13 among 1090 students of the college.

7. Movie Mania and Department of English film fest and ASAP

8. Invited talks in various departments (English, Hindi)

9. MA English Language and Literature Course inauguration by Prof E V Ramakrishanan, Eminent critic and Indian English writer

9."Hundred Years of Ghadar Movement" – Exhibition by department of History

10. The new trends in Agriculture: Organic Farming (Department of Botany)

11. INVICTA – 2014 – Management meet for UG students of various colleges

12. ALITURA – lab visit for school students and experiment demonstration

13. Kuttamath Jayanthi Celebration – Malayalam Department.

14. Talk on Golden Ratio – Department of Mathematics

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Item No.	Resolution	Action Taken
1.	Decided to give orientation to new recruits on quality assessment process and parameters.	An orientation session was conducted in July. IQAC Co-ordinator briefed about the quality assurance and assessment procedures.
2.	Decided to prepare guidance material for facilitating open course selection.	A guidance material was prepared and made available to the students.
3.	Discussed the results of the university examination and suggested to the Principal to discuss the same in the college council.	The college council discussed the results of various departments in details and directed the departments to take measures to improve the results in the coming semesters.
4.	Decided to introduce bar-coded answer sheets for the internal examinations in order to familiarize well the students with the university examinations.	Bar-coded answer sheets were used for the Model Examinations conducted in October 2012.
5.	Decided to conduct bridge courses for the newly-admitted students.	Bridge courses were conducted at department level in the first week of 1st semester classes.
6.	As part of nature conservation mission, decided to propose to the management to install solar power system in the college.	A 21.5 KV Solar Power Plant was installed in the college in 2012.
7.	To conserve water, decided to propose to the management to construct a rainwater harvesting pond.	A ferro-cement rainwater harvesting pond with 8.75 lakhs litre holding capacity was constructed in 2012.
8.	Decided to set up a mahagony plantation with the support of the Forestry Club and the N.S.S. units of the college.	The plantation in 1.5 acre land was set up during August 2012.
9.	Decided to organize interactive sessions with internationally acclaimed figures from various walks of life.	Students' interactions were arranged with Ms Anandi Sharan (climate change historian), Ms Vani Jayaram (national award winner playback singer), Ms

		Susmitha Banerjee (Kathak dancer) during the academic year 2012-'13.
10	For waste management as part of the Earth-friendly Campus – Phase 1, decided to request the management to set up an incinerator for burning waste.	An incinerator for burning dry non-plastic waste was set up near the college canteen for the purpose in November 2012.
11	To enhance the effectiveness of the teaching process through proper utilization of ICT, it was decided to request the management to improve the facilities of the audio-visual centre with state-of-the-art equipments.	A computer system of higher configuration was installed at the audio-visual centre and internet connectivity was established in December 2012.
12	Decided to organize a street theatre campaign to sensitise the public against substance abuse. The NSS units were entrusted with the task.	A street theatre troupe was formed by the NSS Unit No.11 street play on the dangers of drug abuse was staged at various places in and around Payyanur.
13	Decided to construct a home for the homeless widow Mrs Kalyani Amma of Eripuram, Payangadi. The NSS unit was asked to co-ordinate the project.	Under the leadership of NSS Unit No.11, the construction was started with the financial support from the staff, the students, and the general public. The house would be handed over to the beneficiary by August-September 2013.
14	Decided to take up the ASAP 21-Day Residential Training Camp under Training Partner Scheme under the leadership of the Dept. of English.	The ASAP 21-Day Residential Training for was conducted for two batches of students from various colleges in Kerala during April-June 2013.
15	Decided to give free coaching for school students in football and volleyball using the expertise of the faculty and the sports council appointed coaches of the Dept. of Physical Education.	Free one-week coaching in football and volleyball was given to the high school students of the neighbourhood during April-May 2013.

* Attach the Academic Calendar of the year as Annexure.

✔ ☐

7.3 Give two Best Practices of the institution *(please see the format in the NAAC Self-study Manuals)*

1. Noon Meal Scheme for the students

2. Earth –friendly project Phase II – Solar Project

Provide the details in annexure (annexure need to be numbered as i, ii,iii)

7.4 Contribution to environmental awareness / protection

1. House to house campaign against plastic waste

2. Observing days related to nature, energy and water conservation.

3. Poster exhibition with slogans for sustainable development.

4. Small scale plantations

5. NSS , NCC and Forestry Club sessions on sustainable life modes for better environment.

6.Article on Environment, conservation, sustainability, natural calamities and farmer suicides by international and national figures included in common courses and assignments options are brought to bear upon these aspects so that students will have firsthand experience of the consequences involved

7. Water trapping pits on the slopes of the hillock on which the college stands

7.5 Whether environmental audit was conducted?   Yes ✔   No ☐

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

STRENGTHS:

- Over 1500 potential students and about 100 resourceful staff members.
- 72% women among student community
- Outstanding no. of ranks and pass percentage
- University Arts festival toppers for most of the years
- Active Parent Teachers Association (PTA).
- Safe and uninterrupted power supply to the college (with a separate transformer).
- 65.72 Acres of land as Campus.
- 1000-seater Auditorium (Inaugurated by the Chief Minister of Kerala)
- UGC Aided Library Block.

- Computerized (except purchase) library.
- Seminar Hall of 250 seat capacity.
- Health Centre.
- Herbal garden and Green House.
- Fruit orchard
- Green, Clean, Plastic-free Campus.
- Museum.
- Landscaped Campus.
- Well-maintained College Gardens.
- Environment –friendly campus
- Three Research Centres.
- Promotion of other institutions by land contribution at different times

> **Total Land Contribution:** 36 Acres and 63 cents

WEAKNESS:

- Insufficient space in the curriculum for research training of students
- No college-owned transportation facilities
- No patents
- No men's hostel
- No crèche
- No compound wall
- No bank/ATM counter
- No large scale paid consultancy
- No international linkages and collaboration
- Communication skill issues of students
- Drop out percentage

OPPORTUNITIES

- Personal and Career guidance

- Good teacher-student rapport

- Scope for research and post-graduation in four disciplines

- Chance for upgradation to potential centre of excellence

- Scope to become the area hub of knowledge and research

- Can develop into Sports and Fine arts centre of excellence

- Opportunities for interdisciplinary centres of study

THREATS

- Lack of goal orientation among students

- Absence of job-orientation and application of knowledge in the programmes

- Knowledge gap of students at the entry point

- Drop-out for professional courses

- Lack of motivation and self-drive of first generation students

- Conservative examination and evaluation system

- Lack of compulsory outreach programmes for faculty and students

- Lack of active researches and paid projects for students

- Insufficient financial support schemes and scholarships for students

8. **Plans of institution for next year**

1. The year 2014-15 is the Golden Jubilee year for the College and IQAC has resolved to place the Golden Jubilee Celebrations in the quality perspective to highlight the cultural and intellectual capital of the College through an extensively scientific and cultural exhibition coordinating all the constituents of the college.

2. Plans to suggest to the Department of Malayalam to devise ways to highlight local and regional performance traditions and create opportunities for the student community to watch traditional and classical performances.

3. The students of the two new courses MA English and BBA are to be given special attention as the first batches whose results will be crucial for regularising the course and getting permanent affiliation.

4. Focus on pooling and utilizing Alumni expertise for the benefit of the currently enrolled students and also felicitating eminent alumni for their substantial contributions to the nation in their respective fields.

5. Inculcation of e-journal culture and digitalization of resources and making it available on the web site for supporting the student community.

6. Planned to address infrastructural insufficiency in the context of the sanctioning of the new courses and quality requirements of higher education. The need for a centralized building facility to house all the departments for full-fledged functioning will be put before the Board of Management.

7. All the efforts to make the college an earth friendly, sustainable and optimally functioning student friendly institution put in earlier will be continued in the coming years too.
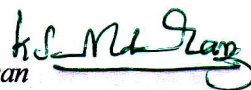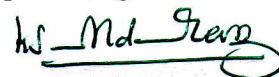
Name Dr K C Muraleedharan   *Name Dr K T Ravindran*

Signature of the Coordinator, IQAC   *Signature of the Chairperson, IQAC*

PRINCIPAL
PAYYANUR COLLEGE
PAYYANUR

Payyanur College, Payyanur - Academic Calender, 2013-14

Date		Activities	Plan	Remarks
From	**To**			
2013 June 3		College opening day. Commencement of classes for Vth, IIIrd Sem UG and IIIrd Sem PG	Departments can follow regular time table or temporary.	
3-6-2013		College Council Meeting	Regular classes and tutorials	
25-6-13		College Council meeting	UG Admission and classes	
26-6-13		First semester UG classes begins.	Admission proceeds	
July	Last week	I Internal examination	For Vth and IIIrd Semester UG	
19-7-13		IQAC meeting	Future Activities	
26-7-2013		Felicitation to University and College toppers	By Staff Club	For students
27-8-13		College Council Meeting	Disciplinary actions	
August	Last week	I Internal examination	For Ist Semester UG	
September	1st week	I Internal examination	For IIIrd sem PG	
14-9-2013	22-9-2013	Onam Holidays		10 days
23-9-2013		College re-opens after Onam Holidays		
23-9-2013	27-9-2013	Ozone day Celebration	Sep 16 Ozone day	
25-9-2013		Council meeting	College Election activities	
September	Last week	II Internal examination	For Vth and IIIrd Semester UG	
October	1st week	I Internal examination	For Ist sem PG	
21-10-2013		Council meeting	Study leave and special time table.	
October	2nd week	II Internal examination	For Ist sem UG	
October	Last week	II Internal examination	For IIIrd sem PG	
November	1st week	II Internal examination	For Ist sem PG	
1-11-2013	6-11-2013	Study leave	For Vth Semester UG	6 days
7-11-2013	Onwards	University Examinations	For Vth Semester UG	

9-11-2013	18-11-2013	Study leave	For IIIrd Semester UG	9 days
9-11-2013	19-11-2013	Study leave	For IIIrd Semester PG	11 days
19-11-2013	Onwards	University Examinations	For IIIrd Semester UG	
20-11-2013	Onwards	University Examinations	For IIIrd Semester PG	
26-11-2013		Council meeting	To start II sem PG Classes	Before I sem exam
23-11-2013	3-12-2013	Study leave	For Ist Semester UG	
2-12-2013	6-12-2013	Displaying Internal marks		
2-12-2013	Onwards	University Examinations	For Ist Semester UG	
19-12-2013		IQAC meeting	Analyzing IQAC activities	
21-12-2013	30-12-2012	Christmas Holidays		10 days
3-01-2014		University Examinations	For Ist Semester PG	
31-01-2014		College re-opening day	After X-mas holidays	
02-01-2014		Council meeting	Felicitation to Satish C Raghavan	Bhatnagar Award winner
27-01-2014	31-01-2014	I Internal examination	For VIth and IVth Semester UG	
03-02-2014	07-02-2014	I Internal examination	For IInd Semester UG and IVth Semester PG	
24-02-2014	28-02-2014	I Internal examination	For IInd Semester Semester PG	
03-03-2014	07-03-2014	II Internal examination	For VIth and IVth Semester UG	
24-03-2014	28-03-2014	II Internal examination	For IInd Semester UG and IVth Semester PG	
31-03-2014		Internal marks	Publishing result of UG and PG	
01-04-2014	04-04-2014	II Internal examination	For IInd Semester Semester PG	
April	May	Summer Vacation		2 Months
1 April 2014	31 May 2015	University Exams for UG and PG	During summer vacation	

Annexure II -   **PAYYANUR COLLEGE, PAYYANUR**

STUDENT FEEDBACK FORM 2013-14

No	Item	Very good	Good	Average	Poor	Very poor
PART A. FEEDBACK ON THE COLLEGE						
1	General Academic atmosphere of the college	29.7	60.2	5.8	4.3	0
2	Library facilities in the college	47.8	39.2	11.6	0	1.4
3	Laboratory facilities in the college	15.5	55.1	25.9	3.5	0
4	Computer access	11.6	47.7	33.5	7.2	0
5	How far is the college office student friendly?	34.8	39.1	23.2	2.9	0
6	Campus atmosphere	55.1	39.2	4.3	1.4	0
7	College's effort to promote sports and games	40.6	52.1	7.3	0	0
8	College's effort to promote arts and cultural activities	58	34.8	7.2	0	0
9	College's effort to promote NSS/NCC activities	75.4	23.2	1.4	0	0
10	Service of Parent Teacher Association	7.3	52.7	35.7	4.3	0
11	Role of Management	34.8	60.7	2.1	1.4	1
12	Student teacher relationship	55.9	22.3	7.4	1.4	3
13	Transport facility	13.0	27.5	18.9	23.2	17.4
14	College union activities	44.9	33.3	14.5	7.3	0
15	Opinion about the tutorial system	15.9	23.2	34.8	18.9	7.2
16	Internal assessment system	29	44.9	23.2	1.5	1.4
17	Infrastructure facilities	5.8	39.1	51.2	1.4	2.5
18	Recreational facilities	1.4	27.5	58.1	4.3	8.7
19	Hostel facilities	17.6	59.4	13.8	7.2	2
20	Service of the Career information and guidance centre	7.2	31.9	37.8	13.0	10.1

21	Service of the counseling centre	0	21.8	37.7	21.7	18.8
22	Service of the remedial coaching centre	0	24.6	33.4	29	13
23	Campus cleanliness	5.8	29	43.9	11.2	10.1
24	Canteen facility	5.8	23.1	31.5	20.8	18.8
25	College store	0	7.2	21.7	27.5	43.6

PART B. FEEDBACK ON THE DEPARTMENT/PROGRAMME OF STUDY

1	Rate your interest on the subject of study at the time of joining	43.5	43.5	11.6	1.4	0
2	Rate your interest on the subject of study now	30.4	49.3	17.4	2.9	0
3	Internal assessment system in the dept.	44.6	45.9	5.5	4.0	0
4	Student teacher relationship	50.5	25.8	16.5	7.2	0
5	Library facilities in the dept.	58.0	29.0	10.1	2.9	0
6	Laboratory facilities in the dept.	14.3	42.8	28.6	14.3	0
7	Computer facilities in the dept.	8.8	40.2	42.5	8.5	0
8	Infrastructure	19.2	46.2	32.1	2.5	0
9	General atmosphere of the department	33.3	35.1	23.1	8.5	0
10	Support for extracurricular activities(arts/sports/NCC/NSS etc)	33.9	42.6	15.9	7.6	0
11	Rate the syllabus	15.9	45	33.3	5.8	0
12	Support in student issues (health, academic etc)	26.3	54.9	10.6	8.2	0

PART C. FEEDBACK ON TEACHERS

No	Item	Very good	Good	Average	Poor	Very poor
1	Communication skills	30.4	52.3	15.9	1.4	0
2	Interest generated in the subject	33.3	42.0	18.8	5.9	0
3	Access to the teacher in and out of the class	29.0	55.1	15.9	0	0
4	Ability to integrate syllabus with environment and society	23.2	39.6	34.3	2.9	0
5	Knowledge base (as perceived by you)	33.3	47.8	17.4	1.5	0
6	Sincerity/commitment	40.6	36.2	18.8	4.4	0
7	Approach/ attitude to students	39.3	38.9	20.4	1.4	0

8	Completion of portions allotted	17.7	69.8	11.1	1.4	0
9	Support in extracurricular aspects	20.6	50.4	25.1	3.9	0
10	Availability in the department	37.7	46.4	14.5	1.4	0
11	Support in personal issues	40.6	29.5	25.6	4.3	0
12	Support in student issues (health,academic etc)	36.2	40.6	17.3	5.9	0

Annexure III – Best Practices

Best Practices I

1. **Title of the Practice: Payyanur College Solar Energy Project**

2. **Goal:** Payyanur College, Payyanur aims to attain self-sufficiency in energy generation and use and intends to become an institution that produces clean energy and has a sustainable culture befitting a green institution. The ultimate goal is to be sustainable in its functioning and thus impart a culture of sustainability.

3. **Context**: India's solar grid quadrupled its solar generation to capacity from 2,650 MW on 26th May 2014 to 12, 289 MW on 31st March 2017. It is not an exaggeration to say that we joined bandwagon and started contributing to the grid by the end of the year 2013 itself. The State of machinery of Kerala was behind the college as the grid system for banking the generated energy was not introduced when the college installed its solar panels and started generating power. The state of Kerala is in the fifth position in solar production in the southern region which in a way is an index of the low energy literacy. Payyanur College as a responsible institution wishes to go solar and thereby earth-friendly and significantly reduce the amount of carbon emission in its premises. The economic advantage comes next. Uninterrupted power supply without adverse impact on the earth is the spirit that led the institution to invest about 41 lakhs for this cause.

4. **Practice:** The practice involves installing solar panels and making the necessary arrangements to tap and enable transmission of the generated current electricity. The

surplus flows to the national energy grid once the grid is established and energy banking system is put in place. The college does not store energy but uses an auto-generator to substitute power failure in between.

5. **Evidence of Success:** Going solar does not simply mean a reduced electricity bill. There is a greater aspect to it that the institution uses clean energy and does not harm the earth where it stands and does not make the premises unfit to live. The institution saves itself from the gross practice of senselessly intensifying the carbon footprints that haunt the world. The sustainability of earth, in the institution's thinking, is the greatest evidence of success besides the affordable electricity bills the institution pays.

6. **Challenges:** No innovative project is free from challenges. Solar project is all the more so. The greatest challenge is conservatism and that in this case is a costly affair as it dirties the planet on which live. Hesitation to change and the large amount of investment are pointed out as hurdles usually but it is the money the institution spends to keep the earth human-friendly and human being earth-friendly. Another challenge is the slow expansion of the national grid and the delay in official sanction to get connected to and open an account for banking energy. Yet another aspect is the issue of maintenance.

Name of the Principal: Dr. Ravindran K T

Name of the Institution: Payyanur College, Payyanur

City:Payyanur

Pin Code: 670327

Accredited Status: A Grade (2007-12 Period)

Work Phone: 04972805521

Website: www.payyanurcollege.ac.in

E-mail:payyanurcollege@rediffmail.com, payyanurcollegepayyanur@gmail.com

Best Practice II

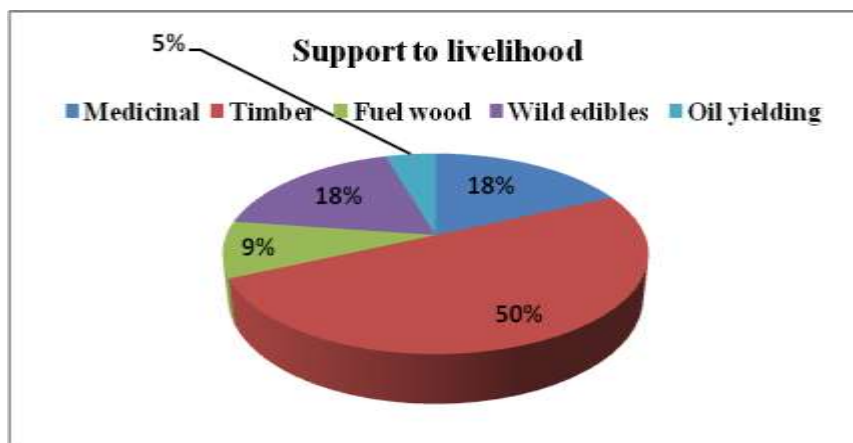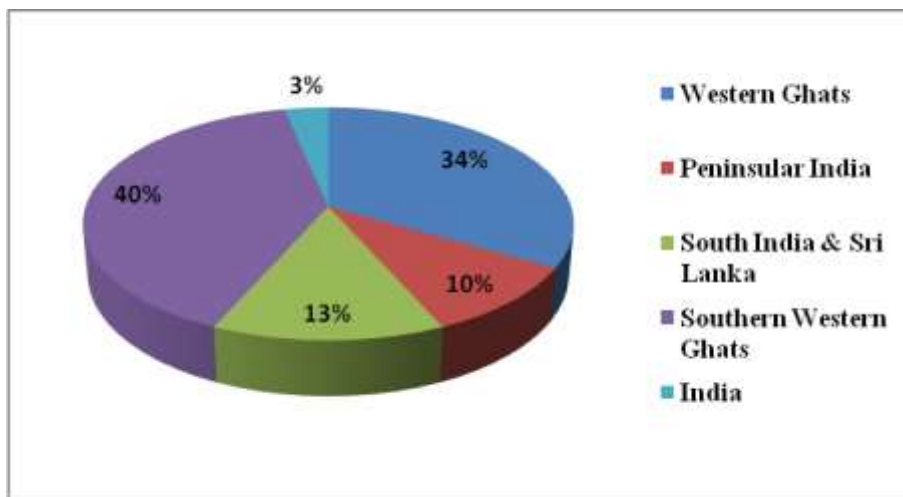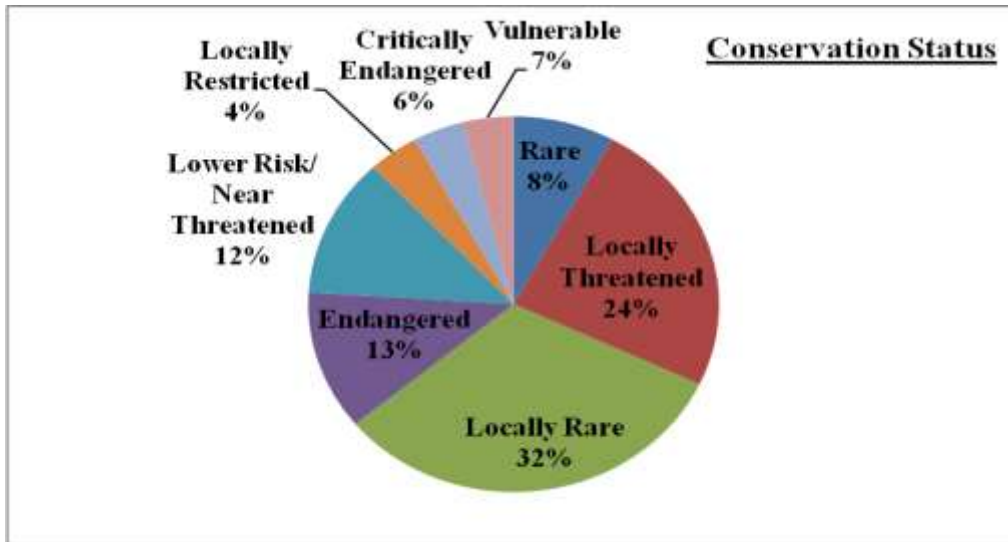**1. Title of the Practice: SHANTISTHAL – JOHNCY VANAM**

2. Goal: The goal of this practice evidently is to conserve RET (Rare, Endemic and Threatened) plants. This practice invariably has consequent and implied goals too, the first being creating awareness in the society regarding the plant species that are on the verge of extinction from prolonged general indifference and ignorance about other forms of life and necessity of conservation. The Botany Department and Bio-diversity club set an exemplary practice for the sustenance of all life forms. The person after whom the conservation garden is named, John C Jacob, former faculty of Payyanur College, is one who raised questions that our society asks now in the 1960s itself. He was an organic public intellectual who walked far ahead of his times and definitely, one objective is to evolve something that he stood for and make the people remember him through a small forest comprising trees which are ceasing to exist in other parts of the world.

3. Context: Payyanur College, Payyanur has a long tradition of insightful and socially relevant activities. Taking the cue from the world that kills trees indiscriminately and endangering human existence itself, the Department of Botany and the Bio-diversity club make a radical turn towards conservation of the most threatened trees as an affirmative action which makes our earth a better place to live. It is the bounden duty of the department of Botany to create a green world and this project is a small step towards making real the objectives of the discipline the botany community practices. The immediate context of the practice is the really grave questions raised in the society and classroom about the loss of invaluable plant species.

4. Practice: The practice involves conducting an exhaustive survey about the present status and distribution of endangered trees, collecting healthy saplings, preparing the field and planting them in the proper season. Sufficient irrigation facilities are to be set up for nurturing the saplings in adverse seasons and special care and attention are required in the early period of growth as most of the plants are restricted to habitats of an extremely different kind and climate. It is a practice that demands constant attention and observation spending substantial time.

5. **Evidence of Success:** The most substantial evidence of the practice is that the conservation garden has turned out to be a site for in situ study and research for the students of plant

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science and other biological sciences. The outstanding nature of the work and its success can be measured with a glance at the charts placed below explicating the conservation status, distribution and utility aspects of the trees in the garden.

6. Challenges: The first challenge is the vastness of the survey required, the identification and collection of saplings. Sustenance of the young plants in a different habitat, nurturing and protection from stray animals in the case of the college garden are real challenges.

7. **Contact Details**

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