



## Yearly Status Report - 2018-2019

### Part A

#### Data of the Institution

1. Name of the Institution	PALAMURU UNIVERSITY
Name of the head of the Institution	Prof. B. RAJARATHNAM
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	08542-278144
Mobile no.	9346379877
Registered Email	registrarputg@gmail.com
Alternate Email	vicechancellor@palamuruuniversity.ac.in
Address	Raichur Road, Bandameedipally, Mahabubnagar
City/Town	MAHABUBNAGAR
State/UT	Telangana
Pincode	509001

#### 2. Institutional Status

University	State
Type of Institution	Co-education
Location	Rural
Financial Status	state
Name of the IQAC co-ordinator/Director	Dr. Sandhya Tiwari
Phone no/Alternate Phone no.	08542278144
Mobile no.	9866626629
Registered Email	iqacputs@gmail.com
Alternate Email	drstpu@gmail.com

#### 3. Website Address

Web-link of the AQAR: (Previous Academic Year)	<a href="http://palamuruuniversity.ac.in/aqar.php">http://palamuruuniversity.ac.in/aqar.php</a>
4. Whether Academic Calendar prepared during the year	Yes
if yes, whether it is uploaded in the institutional website: Weblink :	<a href="http://palamuruuniversity.ac.in/Newappointments.php">http://palamuruuniversity.ac.in/Newappointments.php</a>

#### 5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.31	2018	30-Nov-2018	29-Nov-2023

#### 6. Date of Establishment of IQAC

03-Jun-2015

## 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
One Day program for IQAC Team	28-Jan-2019 1	12

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8. Provide the list of Special Status conferred 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
Nil	Nil	Nil	2019 0	0

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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 :

2

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?

No

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

1. Formulation of Graduate attributes. 2. Promotion of academic collaboration. 3. Documentation of Best practices in NAAC format. 4. Design of format for feedback of Alumni.

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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
Formation of Alumni Association	Registration of Alumni Association in December 2017
Submission of Self Study Report (SSR) for First cycle of NAAC Accreditation.	Conferment of NAAC Accreditation in November 2018

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14. Whether AQAR was placed before statutory body ?

No

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2018

Date of Submission

16-Mar-2018

17. Does the Institution have Management Information System ?

Yes

If yes, give a brief description and a list of modules currently operational (maximum 500 words)

Examination MIS A beginning has been made in the direction of implementation of Examination Management System (EMS). At present student registration, hall ticket issue and result processing are being automated. The details as follows: Applications: PUMS, PUSITS Software: Visual Studio Frame work: 4.0 Database: MSSQL

## Part B

**CRITERION I - CURRICULAR ASPECTS****1.1 - Curriculum Design and Development**

1.1.1 - Programmes for which syllabus revision was carried out during the Academic year

Name of Programme	Programme Code	Programme Specialization	Date of Revision
Nil	Nil	Nil	Nil

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1.1.2 - Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

Programme with Code	Programme Specialization	Date of Introduction	Course with Code	Date of Introduction
Nil	Nil	Nil	Nil	Nil

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**1.2 - Academic Flexibility**

1.2.1 - New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	Nil	Nil

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1.2.2 - Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the University level during the Academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
MA	All Programmes	30/07/2018
MSc	All Programmes	30/07/2018
MSW	Social Work	30/07/2018
MCom	Commerce	30/07/2018
Integrated (PG)	Integrated Chemistry	30/07/2018
BPharm	Pharmacy	27/07/2018
MPharm	Pharmacy	27/07/2018
MBA	HR, FINANCE, MARKETING	30/07/2018
MEd	Education	13/11/2018

**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
English Language Training	12/09/2018	91

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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
MCom	Project Work	40
MSW	Dissertation	40
Integrated (PG)	Project Work	25
MEd	Dissertation	38
MBA	Project Work	47

[View File](#)**1.4 - Feedback System**

1.4.1 - Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	No
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**

The feedback from the alumni has been sought to elicit their views on the aptness of the Curriculum in the emerging context and its relevance to industry and usefulness for research pursuits, meeting

the requirements of various competitive examinations as well as admission tests for higher studies. The feedback from the alumni reflects that majority of them have concurred with the aptness of the syllabus framework for today's context and its orientation to research and adaptability to industry requirements. The feedback further suggested that the curriculum would enable the students to fare well in the admission tests for higher studies as well as preparation for career oriented competitive examinations. The feedback indicated the need for modifications in curriculum in certain specializations / elective courses. The analysis of feedback and insights gained from it would enable the university for better planning and comprehensive preparation for curricular design.

## 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
MSc	Botany	60	3025	46
MA	Telugu	60	2968	40
MSc	Chemistry	60	6987	53
MCom	Commerce	120	7829	81
MA	Economics	30	2278	29
MA	English	130	2547	57
MSc	Mathematics	70	5841	50
MSc	Microbiology	30	4040	30
MSc	Physics	60	3806	54
MA	Political Science	30	3217	30

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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	38	731	6	132	4

### 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	Number of smart classrooms	E-resources and techniques used
142	142	5	18	Nil	8

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

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

Palamuru University has taken the initiative to institutionalize the associative bonds between teachers and students through Mentoring System. This also opens up a new window for the teachers in using the differentiated instruction to cater to diverse learning needs of the students and results in more dynamic classroom interaction. A component of class room teaching at Palamuru University includes subjective assessment of whether a student understands the concept or can apply the materials being taught. Prior to this brief informal assessment, during the first few days of the class work, the teachers concerned devote time to ascertain more about the students in terms of their academic background, aptitude, pace of learning, personality, motivation, interests and career aspirations etc. This builds up the much needed rapport of caring and sharing between the teacher and students. It needs to be mentioned that most of the students admitted at Palamuru University in different programmes of study are the first generation learners, hailing from the rural and poorer socio-economic backgrounds and having studied through vernacular medium. Palamuru University is alive to this social reality and accords priority for mainstreaming the slow learners. The university arranges preliminary spoken English and communication skills classes for the benefit of students of vernacular medium as well as for those whose proficiency in English is low. Tutorials are conducted on a planned basis as a part of remedial instruction for the slow learners in different Departments. Special/ extra classes are held for slow learners after the class hours on weekdays. The schedules for the same are worked out by the respective departments. There is a provision of student mentoring to address the concerns of slow learners through counselling, social facilitation and academic advice, wherever required.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
769	142	1 : 5

### 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
165	142	23	5	53

#### 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 P Shivakumar Singh	Assistant Professor	Companion member of Telangana Academy of Science
2018	Prof. Pindi Pavan Kumar	Professor	Best Scientist Award , Mahabubnagar District Collectrate, Government of Telangana
2019	Prof.G.Manoja	Professor	Rotary Vocational Excellence Award-2019 from Rotary Club of Hyderabad Central (for the work to upkeep the tribal and folk narratives in literatures.
2018	Dr.V.Sreenatha Chary	Assistant Professor	Guinness World Record for the Largest Telangana Folk Dance (Participation Coordination of the Event)

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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
MSc	518	IV Semester	03/06/2019	02/07/2019
MSc	505	IV Semester	03/06/2019	02/07/2019
MSc	509	IV Semester	03/06/2019	02/07/2019
MSc	503	IV Semester	03/06/2019	02/07/2019
Pharm D	820	VI Year	25/05/2019	10/06/2019
MPharm	885,886,889	IV Semester	29/04/2019	28/05/2019
BPharm	881	VIII Semester	06/05/2019	04/06/2019
BPEd	706	IV Semester	14/06/2019	10/07/2019
MEd	709	IV Semester	03/10/2019	01/11/2019
BEd	701	IV Semester	01/06/2019	29/07/2019

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2.5.2 - Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

Number of complaints or grievances about evaluation	Total number of students appeared in the examination	Percentage
163	13178	1.24

## 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)

<http://palamuruuniversity.ac.in/PGSyllabus.php>

2.6.2 - Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
503	MSc	Chemistry	160	55	34.38
505	MSc	Mathematics	92	36	39.13
518	MSc	Microbiology	17	16	94.12
408	MCom	Commerce	135	104	77.04
310	MSW	MSW	74	64	86.49
315	MA	Political Science	39	39	100
9	MA	English	101	92	91.09
509	MSc	Physics	52	31	59.62
526	MSc	Zoology	71	52	73.24
14	MA	Telugu	166	156	93.98

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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)

<http://palamuruuniversity.ac.in/>

### CRITERION III - RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 - Promotion of Research and Facilities

3.1.1 - Teachers awarded National/International fellowship for advanced studies/ research during the year

Type	Name of the teacher awarded the fellowship	Name of the award	Date of award	Awarding agency
Nil	Nil	Nil	Nil	Nil

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3.1.2 - Number of JRFs, SRFs, Post Doctoral Fellows, Research Associates and other fellows in the Institution enrolled during the year

Name of Research fellowship	Duration of the fellowship	Funding Agency
DST-INSPIRE-JRF	5	DST, INDIA
DST-INSPIRE-SRF	2	DST, INDIA
PDF	2	SERB N-PDF Project

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#### 3.2 - Resource Mobilization for Research

3.2.1 - 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
Any Other (Specify)	60	District Collector and Magistrate, Mahabubnagar	46000	46000
Any Other (Specify)	45	District Collector and Magistrate, Mahabubnagar	115000	115000

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#### 3.3 - Innovation Ecosystem

3.3.1 - 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
A one day National Seminar on "Frontiers in Chemical Sciences	Department of Chemistry	15/09/2018
One-Day Symposium on 'Literature and Cinema: Visual Culture and Social Change'	Department of English	06/10/2018
Mula Dhvani, convened a tribal and folk instrumental music concert and seminar	Department of English	17/03/2019
Recent Trends in Mathematics	Department of Mathematics	10/08/2018
International Conference on Chemistry for Sustainable Future	Integrated Chemistry	07/08/2018
Two Day National Seminar on Recent Trends in The Teaching Learning of English Language and Literature (Rttlell-2019)	Centre for English Language Training (CELT)	08/03/2019

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3.3.2 - 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
Nil	Nil	Nil	Nil	Nil

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3.3.3 - 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
Nil	Nil	Nil	Nil	Nil	Nil

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#### 3.4 - Research Publications and Awards

3.4.1 - Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Physics	1
Business Management	1

3.4.2 - Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Pharmacy	15	1.16

International	English	8	3.9
International	Microbiology	4	0.89
International	Chemistry	3	1.9
International	Education	3	1.14
National	Commerce	5	0.68
International	Physics	3	2.27
International	Integrated Chemistry	1	1.05

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3.4.3 - Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Business Management	1
Political Science	1
Physics	2
Microbiology	10
Chemistry	3
Pharmacy	5
English	6
Telugu	5

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3.4.4 - Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
Nil	Nil	0	Nil

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3.4.5 - 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
An Efficient and Stereoselective Synthesis of S-()- Pregabalin Using a Chiral Auxiliary Reagent	Prof K GirijaMangatayaru	InternationalJournal of Chemical Sciences	2018	18	Department of Chemistry, Palamuru University	Nil
Novel Visible-Range Luminescence of Pristine Nano Zirconia Phosphor using Green Fabrication Technique	Dr. M. Noorjahan	Bulletin of Materials Science	2018	72	Department of Chemistry, Palamuru University	1
Microwave assisted rapid green synthesis of gold nanoparticles using Annona squamosa L peel extract for the efficient catalytic reduction of organic pollutants	Prof K GirijaMangatayaru	Journal of Molecular Structure	2018	103	Department of Chemistry, Palamuru University	12
Thermal expansion of $\alpha$ -nitrogen ice in tetrahertz microscopy	Bagavanth Reddy Sangala	Indian Journal of Physics	2018	31	Department of Physics, Palamuru University	1
Exploration of bacterial contaminants in reservoirs of Palamuru by PCR-DGGE method: household water treatment.	Prof.Pindi Pavan Kumar	Journal of Water, Sanitation and Hygiene for Development	2019	22	Department of Microbiology, Palamuru University	2
Construction of insitu self- assembled FeWO <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> nanosheet heterostructured Z-scheme photocatalysts	Bhagavanth Reddy Gangapuram	Nanoscale Advances	2019	21	Department of Chemistry, Palamuru University	27

for enhanced photocatalytic degradation of rhodamine B and tetracycline						
Mild and Efficient Tf <sub>2</sub> O-Mediated Synthesis of 3-Amino-1-benzofurans	Dr. S. Vijaya Laxmi	Russian Journal of Organic Chemistry	2019	33	Department of Chemistry, Palamuru University	Nil
Effect of LiClO <sub>4</sub> Concentration on Structural, Morphological and Thermal Properties of PMMA and PEO Polymer Blends.	Dr. M. Jaipal Reddy	Asian Journal of Research in Chemistry.	2018	34	Department of Physics, Palamuru University	Nil
Reduced A-B super exchange interaction in Sm <sup>3+</sup> -Gd <sup>3+</sup> doped Mn-Zn ferrites due to high energy gamma irradiation	Dr. K. Praveena	Indian Journal of Physics	2019	31	Department of Physics, Palamuru University	Nil
Microbubbles-A potential novel targeted drug delivery.	Dr. G. Chinnadevi	Research Journal of Pharmacy and Technology	2019	46	UCPS, Palamuru University	Nil

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#### 3.4.6 - 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
Nil	Dr. S. Vijaya Laxmi	Nil	2019	8	Nil	Palamuru University
Nil	Dr. Prabhakar Reddy V	Nil	2019	23	Nil	Palamuru University
Nil	Dr. M. Jaipal Reddy	Nil	2019	23	Nil	Palamuru University
Nil	Dr. K. Praveena	Nil	2019	21	Nil	Palamuru University
Nil	Prof K Girija Mangatayaru	Nil	2019	6	Nil	Palamuru University
Nil	Dr Ramudu Pochamoni	Nil	2019	7	Nil	Palamuru University

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#### 3.4.7 - Faculty participation in Seminars/Conferences and Symposia during the year

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	11	61	7	Nil
Presented papers	44	80	2	2
Resource persons	Nil	8	Nil	2

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#### 3.5 - Consultancy

##### 3.5.1 - Revenue generated from Consultancy during the year

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Nil	Nil	Nil	0

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##### 3.5.2 - Revenue generated from Corporate Training by the institution during the year

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Nil	Nil	Nil	0	0

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#### 3.6 - Extension Activities

##### 3.6.1 - 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/	Number of teachers	Number of students



	collaborating agency	participated in such activities	participated in such activities
NSS Activities Like National voters day rally, University Level Youth Festival, Harithaharam, Clean Green, Plastic free campus, Voter awareness rally, Blood donation camp, Road Safety awareness programme..etc	University College and Other Colleges of Palamuru University	111	9520

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### 3.6.2 - 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
Nil	Nil	Nil	Nil

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### 3.6.3 - 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 activities	Number of students participated in such activities
NSS	University College and Other Colleges of Palamuru University	Harithaharam	105	9543
NSS	University College and Other Colleges of Palamuru University	International Womens Day	56	1212
NSS	University College and Other Colleges of Palamuru University	National voters day rally	98	8948
NSS	University College and Other Colleges of Palamuru University	Swachh Bharath	91	9563

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### 3.7 - Collaborations

#### 3.7.1 - Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
Nil	Nil	Nil	0

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#### 3.7.2 - 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
0	0	0	Nil	Nil	0

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#### 3.7.3 - 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
Nil	Nil	Nil	Nil

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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
2075	2051.23

#### 4.1.2 - Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Newly Added
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing

Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Classrooms with Wi-Fi OR LAN	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 partially)	Version	Year of automation
SOUL	Partially	2.0	2018

##### 4.2.2 - Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	12967	7376916	17	7524	12984	7384440
Reference Books	8721	778519	17	7524	8738	786043
Journals	43	116270	Nil	Nil	43	116270
Library Automation	1	94400	Nil	Nil	1	94400

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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	Nil

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#### 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	250	6	5	3	6	15	18	100	0
Added	33	2	1	3	2	21	2	0	0
Total	283	8	6	6	8	36	20	100	0

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

100 MBPS/ GBPS

##### 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
Nil	Nil

#### 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 incurred on maintenance of physical facilities
85	70.45	78	64.53

##### 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 University follows a well laid down policy for maintaining and utilizing different types of academic facilities and student amenities. Utilization of the class room and laboratories facilities and looking after their day-to-day maintenance is the responsibility of Principals/Heads. Similarly the Director, Physical Education looks after the proper utilisation and maintenance of sports facilities, while the chief warden, wardens and the staff attend to the smaller maintenance requirements of hostels and messes. Central library being the primary learning source centre of the University, the librarian pays attention to utilization aspects of this facility for better service to the academic community. Maintenance of IT infrastructure takes place through executing AMCs. The officer on special Duty (OSD) coordinates the procurement of all types of computing devices including hard and licensed software under rate contract from the duly approved vendors. Standardised procedures are in place for this purpose. State Government policy of green computing is being followed for disposal of outdated unserviceable computers configurations/peripherals by handing over the said equipments to designated firms for recycling.

[http://palamuruuniversity.ac.in/Procedure\\_for\\_Maintenance.php](http://palamuruuniversity.ac.in/Procedure_for_Maintenance.php)

#### 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	Postmatric Scholarships	1116	25452640
Financial Support from Other Sources			
a) National	Nil	Nil	0
b) International	Nil	Nil	0

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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 implementation	Number of students enrolled	Agencies involved
Mentoring process	12/06/2018	769	Concerned Department
Soft Skill Development	12/09/2018	91	Centre for English Language Training

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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 passed in the comp. exam	Number of students placed
Nil	Nil	Nil	Nil	Nil	Nil

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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
1	1	20

## 5.2 - Student Progression

5.2.1 - Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
HETERO, MSN, Sri Chaitanya, Just Dial	129	75	Cancer Hospital, Stree Nidhi, Hetero, MSN, NATCO, Aurobindo, IICT, Sky Tech Pvt. Ltd	26	9

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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	Department graduated from	Name of institution joined	Name of programme admitted to
2018	14	UCPS, PU	UCPS, PU	UCPS, PU	M. Pharmacy

[View File](#)

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	1
SET	8
Any Other	4

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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
Selection for Inter University Competitions	University	145

No file uploaded.

## 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	National/	Number of awards for	Number of awards for	Student ID	Name of the
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	award/medal	Internaional	Sports	Cultural	number	student
Nil	Nil	Nil	Nil	Nil	Nil	Nil

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

There is no formal body of students such as students Association / students council at Palamuru University. As a Pro-active policy students are given due representation encouraged to participate and actively associate with host of institutional events through informal means at Palamuru University. A well run system of class representatives at the departmental level in vague at Palamuru University for the coordination of day to day class work and co-curricular activities. The committees meet at regular intervals and carry on their work in a collaborative spirit.

#### 5.4 - Alumni Engagement

5.4.1 - Whether the institution has registered Alumni Association?

Yes

The formation of Alumni Association, a felt need of this budding university has become a reality with the formal registration of alumni body with the specific title: Alumni Association of Palamuru University bearing registration number 641 of 2017 during December 2017. Another Alumni Association is registered by Pharmacy college with title: Palamuru University Pharma Alumni Association bearing registration number 599 of 2017 during December 2017. The Association is in the process of preparation and maintenance of alumni database it is exploring enrolment drive from affiliation colleges. It is enlisting the support of alumni for institutional development. In this process, plans are afoot for arranging alumni visits to the university, motivational talks by them to students and seeking their contribution for strengthening teaching -learning for infrastructure development.

5.4.2 - No. of registered Alumni:

279

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

0

5.4.4 - Meetings/activities organized by Alumni Association :

Nil

### 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)

Palamuru University has been carrying on its administration through fine traditions of decentralization and effective central coordination. I. To bring home the ubiquity of this institutional culture, the case study of conduct of second convocation is presented here under: Palamuru University has conducted its second convocation in March 2019. Holding of convocation calls for systematic planning, co-ordination and contribution from different units of the university administration for carrying on the relevant tasks. The university embarked upon the preparatory work during November/ December 2018 after obtaining the approval of the executive council. The university entrusted the responsibility to different authorities and constituted committees for the execution of related works. This decentralized decision making coupled with central co-ordination set the stage for the implementation stage. In all (9) committees comprising teaching and non-teaching staff have been formed. The committees used to meet at regular intervals and carried on their work in a collaborative spirit. Co-ordinating committee work and integration of individual contributions of specific authorities was taken up by the Examination Branch, the nodal agency of the Evaluation in the University. The Examination Branch took up lion's share of work relating to convocation. The office of the vice-chancellor which maintained liaison with the Chancellor's Office, Government authorities and other stakeholders of the university system extended its active support for the smooth execution of this programme. As a result, the university could hold the second convocation on a grand scale. II. The facilitation of NAAC peer team visit to Palamuru University in October 2018 bears ample testimony to the institutional culture of participative management. Around 20 committees of teaching and non teaching staff have been constituted to take care of the three day visit programme of NAAC peer team during October 25-27, 2018.comprising Visits to Departments / Facilities, Interaction with functionaries and stakeholders, verification of records, organization of cultural programme and exit meeting. Effective decision making in the committees and follow up coupled with central co-ordination of the programme have contributed for the successful completion of NAAC peer team visit.

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

Partial

#### 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
Curriculum Development	Mainstreaming cross-cutting issues into the Curriculum has been pursued with passion and vigour at Palamuru University. Aspects like Gender, Environment and Sustainability, Human Values and Professional Ethics are well addressed in a structured way. The ubiquity of gender issue finds wider expression in the core

	Course of Gender Sensitization being offered in Under-Graduate (UG) Programmes under Choice Based Credit System. The multi-facets of Environment and Sustainability are exhaustively dealt with across wide arena of academic Programmes. Environmental Studies is a compulsory subject under common-core syllabus in UG Programmes as well as M.Sc. Five year Integrated Chemistry programme. The cross-cutting issues of Human Values and Professional ethics have been harmoniously interwoven into the Curriculum framework of Palamuru University. In pursuance of communication from UGC curriculum of AECC (Ability Enhancement Compulsory Course) in Environmental studies under CBCS pattern has been implemented in UG courses of affiliated colleges.
Teaching and Learning	Palamuru University is making sincere efforts to expand the scope of Student-Centric learning in its academic Programmes in tune with its mission of imparting quality higher education. Internships, field visits, project work and service learning through Community engagement find increased application in many programmes. Instruction through group tasks is done through varied forms of group discussions, group presentations, group assignments, projects and peer learning which provide platform for active participation of students in classroom learning. Case study method is also employed in participative learning scenario to stimulate critical thinking and awareness of multiple perspectives. So to say, Student-centric methodologies are facilitating in making students more active in their Educational pursuits.
Examination and Evaluation	Examination reforms are on-going process at Palamuru University. The University is modernizing the examination branch through Information Technology (IT) integration and automation, wherever possible. Palamuru University has been following continuous internal assessment system in its UG and PG programmes through multimode evaluation comprising slip tests, assignments and seminars. In addition to these practical tests form part of science courses where in there is continuous observance/assessment of assigned tasks in laboratory.
Research and Development	Palamuru University is stepping up efforts to give shape to its research portfolio and evolve well defined consultancy policy as a guide to faculty and users.
Library, ICT and Physical Infrastructure / Instrumentation	A beginning has been made for the collection of rare books and manuscripts at the central library, which is the primary learning resource center of the university. A general purpose computer laboratory with 25 systems has been setup at the library to promote information literacy and e-access for learning resources among the students. Laboratories at Departments of Microbiology, Chemistry and Integrated Chemistry have been further strengthened with sophisticated equipments under funding from sponsored research projects. Separate Digital Language Laboratories with 35 systems each have been setup at the Department of English and at the Centre for English Language Training (CELT), a central facility of the University, for the wider purpose of computer assisted English language learning to improve communicative English.
Human Resource Management	Faculty Development Programmes for capacity building and knowledge upgradation of university teachers are being organized from time to time. During the current year, FDP in Chemistry was conducted from 18.06.2018 to 23.06.2018. The University also organised 7-Day Faculty Development Programme on "Experiential Learning: Gandhiji's Nai Talim Sendai Framework for Disaster Risk Reduction (SFDRR) and Rural Resilience" from 27-11-2018 to 03-12-2018 in collaboration with Mahatma Gandhi National Council for Rural Education (MGNCRE). Palamuru University accords primacy for participation of teachers in the decision-making bodies of the University. The participation of the teachers is enriching the deliberations and contributing to effective decision making. Teachers actively participate in the Departmental Committees and Boards of Studies. These hold the key for democratic deliberations and shared decision making.
Industry Interaction / Collaboration	The University is having ongoing collaboration with Mahatma Gandhi National Council For Rural Education (MGNCRE) for mutual cooperation in promotion of research, strengthening of teaching, reorienting extension in rural development and resilience. The implementation of this MoU is progressing well. Similarly, the ongoing collaboration with District Administration, Mahabubnagar and the three NGOs viz., VIP, TOUCH and ECO-CLUB for curriculum enrichment and expansion of field work opportunities for MSW programme. Are also going on well.
Admission of Students	Admissions to university (in both UG and PG Programmes) are being made on centralized basis at the state level. These admissions are made under the auspices of Telangana State Council of Higher Education (TSCHE). The candidates are allotted to the respective colleges. The university plays a supportive role in this process.

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

E-governance area	Details
Planning and Development	Digital Survey map of university land and master plan
Administration	Transition towards digital correspondence and computerization of records in initial stages.
Finance and Accounts	Utilization of account software Tally- ERP 9 prime
Student Admission and Support	Centralized online student admissions.
Examination	Online students registrations, computer processing of examination application, online generation and dispatching of hall tickets and attendance statement forms. Online dispatch of question papers and computerization of result processing.

**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
Nil	Nil	Nil	Nil	Nil

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6.3.2 - Number of professional development / administrative training programmes organized by the University 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	7 days Faculty Development Programme experencial learning gandhis national SFDRR Rural Resilence	Nil	27/11/2018	03/12/2018	35	Nil
2018	Faculty Development Programme on Chemistry organized by Integrated Chemistry by Palamuru University, Mahabubnagar, Telangana.	Nil	18/06/2018	23/06/2018	41	Nil
2018	UGC- HRDC University of Hyderabad refresher course in English	Nil	07/12/2018	27/12/2018	30	Nil
2018	5 Day National Work shop on application of Mathematics in Engineering Dr. C.Ashok Kumar	Nil	18/06/2018	23/06/2018	32	Nil

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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
Short term course "Engineering methodology" University college of engineering college, Osmania University.	1	06/05/2019	10/05/2019	5
7 Day faculty development program, (short term course) Social work education in India,	1	18/02/2019	24/02/2019	7

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	Nil	Nil	Nil

6.3.5 - Welfare schemes for

Teaching	Non-teaching	Students
1	2	0

**6.4 - Financial Management and Resource Mobilization**

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

Palamuru University takes up the Audit of its Accounts done by the state Government Audit Department on a regular basis. Tthe University has also demonstrated its keenness and commitment in getting the accounts audited by the CAG up to date. The audit objections have been addressed promptly. In pursuance of this, Follow-up action has also been taken in required cases. This process has contributed for ensuring transparency in the functioning of the University.

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
Nil	0	0

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6.4.3 - Total corpus fund generated

0

**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	No	Nil	Yes	IQAC
Administrative	No	Nil	Yes	IQAC

6.5.2 - What efforts are made by the University to promote autonomy in the affiliated/constituent colleges? (if applicable)

Palamuru University plays a facilitative role in nurturance and promotion of quality culture in its affiliated colleges. The university provides the needed expertise and guidance to local MVS Govt. Arts Science College in effectively carrying on its UGC autonomous status. The university is closely working with this institution towards quality sustenance and academic expansion.

6.5.3 - Activities and support from the Parent - Teacher Association (at least three)

Palamuru University envisages parents as the important stakeholder in its mission of teaching, research and student empowerment. 1. A feedback format for parents has been devised to elicit their views on their wards' interest in studies, performance in the examinations and aptitude for co curricular activities and career options. 2. Parents have participated in the interaction meeting with NAAC peer team held on 26.10.2018. 3. Parents have participated in the second convocation held on 06.03.2019.

6.5.4 - Development programmes for support staff (at least three)

1. Capacity building programme for staff and students organized by Meta Morphosis, Hyderabad on 31.08.2018. 2. Lecture on institutional orientation for NAAC Accreditation for teaching and non-teaching staff 11.10.2018

6.5.5 - Post Accreditation initiative(s) (mention at least three)

1. Sharing of NAAC peer committee report for wider stakeholder consultation. 2. Reconstitution of IQAC. 3. Restructuring of courses.

6.5.6 - 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

6.5.7 - 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
Nil	Nil	Nil	Nil	Nil	Nil

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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
Nil	Nil	Nil	Nil	Nil

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
Nil

7.1.3 - Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	22
Any other similar facility	Yes	22
Rest Rooms	Yes	22
Scribes for examination	Yes	1

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
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

No file uploaded.

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

Title	Date of publication	Follow up(max 100 words)
Code of Professional Ethics (UGC)	Nil	This has been displayed on the University Website.
Student Charter (NAAC)	Nil	This has been displayed on the University Website.

7.1.6 - Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Nil	Nil	Nil	Nil

No file uploaded.

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

Promotion of Biodiversity, Plastic free Campus, Rain water Harvesting, Waste water Management, Bio Degradation for organic compost.

7.2 - Best Practices

7.2.1 - Describe at least two institutional best practices

I. Community engagement through Microbial research and Student Internship Interventions Objectives of the Practice: Community engagement as a core value for the University refers to contributing to community well-being/ rejuvenation through knowledge and research. Student internship in a community setting by way of field placement is a unique educational approach based on experiential learning. In this perspective, Microbial research has been taken up as a specific intervention to address the public health concerns of the neighbouring villages of Palamuru University. In the light of this, the objectives of the practice are: Promoting University-community partnership for improving the lives of the people. Encouraging participatory research to advance knowledge. Promoting practical learning and problem competencies among the students by means of direct Engagement with community. To sensitize the community about health hazards. To suggest necessary interventions for community well-being. The Context: It was noted that people in general and most of the students in particular, hailing from surrounding villages of Palamuru University, frequently fell ill due to water borne diseases like diarrhoea, typhoid, cholera etc. This attracted the special attention of the faculty and students of Palamuru University belonging to Science Departments. The Print and Electronic media also highlighted this endemic problem. Taking note of this situation, the faculty of the Department of Microbiology, under the leadership of Prof. Pindi Pavan Kumar took up a research study with the involvement of students to find a way out for this urgent public health issue. The Practice: The water samples used by the people for drinking purpose from the nearby villages were collected. Ironically, the samples were coloured water from open water bodies as well as from ground water. In this connection, a research project titled 'Advanced Molecular Methods for detection and identification of bacterial contaminants in potable water- Purification and Prevention' with funding from the Department of Science and Technology, Government of India, has been taken up. The samples were tested in the laboratory of Palamuru University. The findings were disturbing. The samples were sent to Centre for Cellular and Molecular Biology (CCMB), Hyderabad. Here also, the results corroborated earlier findings of Palamuru University. The findings revealed that the water has Bacillus anthracis bacteria which causes Anthrax, a zoonotic disease found in the waters of Alampur area. This is transmissible to humans through handling or consumption of animal products. The water samples collected were contaminated from raw sewage, blood and animal products from abattoirs. In continuation of the above, one more research investigation related to water contamination funded under Sarva Siksha Abhiyan scheme by Rajiv Vidya Mission, Mahabubnagar District, was taken up by Prof. Pindi Pavan Kumar, Department of Microbiology. All the Government Primary schools of 64 mandals of undivided Mahabubnagar District were surveyed for water quality and hygiene. The main sources of supply of water to these schools being Ramanpahad and Koilsagar reservoirs were studied further. Evidence of success: It was once again revealed that water collected from 64 mandals especially that of Alampur region has Bacillus anthracis bacteria which cause harmful Anthrax. Evaluation of coliform and non-coliform contaminators of Ramanpahad and Koilsagar reservoirs done by both cultivable and uncultivable methods revealed that more than 70 schools were found to be not meeting the standards of WHO. These water contaminations are the main concern showing adverse effects on school children, exposing them to various health problems and ultimately resulting in school dropouts. These findings called for immediate intervention from the Government and awareness and precautionary measures by people. The students of Palamuru University were actively involved in the research study as well. The participation of students in this investigation was a significant step for promotion of research culture and added a new perspective to the community engagement. They also conducted Health and Hygiene survey through safe drinking water awareness programs at various schools of the surrounding villages as well as in their home villages during holidays, as a part of their community internship. Problems encountered and Resources required: 1. This research pursuit has opened up a new window for the University. It has to be envisaged not as a piecemeal investigation but as a continuous research process with deep commitment for the community engagement. 2. The collection of samples and analysis posed problems owing to logistics and large size. 3. Coordination in investigation, delegation of tasks in the research study created initial hurdles. 4. The support extended by Centre for Cellular and Molecular Biology, Hyderabad for this study is worth mentioning. II. Sustaining Green Campus through scientific and eco-friendly interventions Objectives of the practice: Driven by the vision of campus sustainability, Palamuru University is committed for the protection of environment and stewardship of natural resources, while ensuring quality of life on the campus, through adoption of innovative practices and action plans. Accordingly, the objectives of this best practice are: To ensure protection of bio-diversity and safeguarding of flora and fauna To institutionalize sustainable solutions through instruction, research, innovation and Extension activities with shared concern for the Campus and community. To support the preservation of wild-life. The Context: The Semi hilly terrain and forest landscape of Palamuru University has the requisite features for shaping and sustaining it as a green campus. It is a vast area spread over 165 acres with a lot of compact forest cover. The campus is home to a number of wild life species such as wild geese, peacocks, garden lizards, chameleons and a critically endangered variety of Day Gecko etc. Besides being a home to natural habitat, the topography is accessible and amenable to land-use. This has provided the context for initiating eco-friendly measures for the green campus. The practice: In an endeavour to preserve healthy



ecosystem, Palamuru University has embarked on agro forestry plantation drive on a scientific basis, at multi locations spread over 25 acres in the main campus. The methodology involved developing geo and plant-specific bio-fertilizers that provide NPK through culture. This helps in cost-effectiveness and nature-friendly management of plantation. In this connection, Patent rights titled 'Geo Specific Polybio Inoculant-Plant Specific' and 'Efficient Nitrogen Fixing Plant Specific Rhizobium' have been published. It is noted that bacteria which give most amount of nutrients to plants can be isolated and cultivated which in turn can be applied for the rich growth of the plants. Accordingly, a new strain of the bacterium *Chryseomicrobium palamuruense* ((PUI1) FN555708), which has been isolated from the soil of Palamuru University, was found to enhance the growth and survival rate of nursery plants and agro-forestry tree species. It may further be added here that this bacterium can be used as a potential bio-fertilizer that helps in increasing the plant growth hormones in many agricultural crops, thereby increasing the yield. In continuation of this study, a patent has been filed for application of this bacterium as biofertilizer. The kaleidoscopic nature-grown cropping of *Azadiracta indica* (neem), *Acacia arabica* (thumma), Custard apple (Seethaphal) and *Mangifera indica* (mango) trees are a spectacle to watch. These are being protected carefully. Bordering strips of unused land on the campus are used for planting tamarind trees. Plans are afoot for planting papayas too. It is envisaged that these plantations would serve as demonstration farms and seed gardens to promote scientific research in crop development and inter-cropping. The University contemplates similar plantations in neighboring community or villages to assist farmers in wealth creation. The University has paid equal attention to sustainable water management and land use. A network of manmade water drains and channels along the stretch of 2 kilometres ensures redistribution of excess rain water. The natural vegetation enhances the scope for recharge of ground water and prevention of excess water flow during monsoon season. Care is taken for wild-life protection. Hunting is not permitted in the campus. No one is permitted to hurt animals or trees. Evidence of Success The vast green canopy permeating the Palamuru University campus, the carefully nurtured vegetation, flora and fauna and wildlife are a visual treat and speaks volumes of eco-friendly culture unique to Palamuru University. Inspired by the concern for environment, the faculty and research scholars of the University have taken up studies and research in areas of tissue culture, pest resistance, bio-fertilizer production and medicinal plants. Mapping the flora and fauna in the campus has also been taken up as a measure of protection of biodiversity and wildlife. Problems encountered and resources required: While the prospects of exploring environment-friendly options are encouraging, the actions dedicated for sustaining a green campus call for investment of resources and integration of efforts. Building of fencing, water-pool and dug-well needed expert advice and investment of resources. These have significantly minimized the excess rainwater flow and contributed for the substantial recharge of ground- water. Organized planting of trees, bushes and lawns to stabilize slants and ridges have been expensive but quite rewarding, enriching the beauty of the campus. Ensuring the involvement of faculty and students and leveraging the research pursuits goes a long way in shaping and sustaining an eco-friendly campus.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://palamuruuniversity.ac.in/>

### 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

Extension and outreach activities are the vehicle for Institutional Social Responsibility (ISR). Palamuru University has accorded due priority to this third dimension of higher education. The university is in forefront in taking up a number of initiatives in this direction through curricular interventions as well as through NSS programmes. The NSS Unit of Palamuru University organized Faculty Development Programme on Rural community engagement from 02.02.2019 to 08.02.2019 in collaboration with Mahatma Gandhi National Council for Rural Education (MGNCRE) for capacity building and educational enrichment of NSS programme officers numbering more than 100. The university has been successful in sensitizing the students to societal concerns and instilling in them a sense of purpose and social responsibility to contribute to the community well-being through these structured avenues. There is active involvement of students as well as faculty across all the academic programmes of the University in these national building pursuits. Curricular requirements are harmoniously incorporated into NSS special camps organised from time to time wherein there is provision for multi departmental involvement and collaboration. While the Department of Botany contributes to this arena through its unique ethnobotanical Conservation Programme in the neighbouring villages to bring home the importance of plants bio-diversity for the sustenance of planet earth, Department of Social Work steps up the momentum through village adoption programmes for rendering value based services to the local population, which included Swacch bharath campaign, conduct of house hold survey, Awareness rally on Drug addiction, Blood donation camp, organising Literacy day celebrations and Plantation drive etc. Similarly, Department of English also took up 4 villages as a part of NSS special camps for addressing the specific community concerns such as jogini system, forced migration, child marriages, alcoholism, malnutrition untouchability. The synergy of such participation has been valuable for the university. The concern and commitment of the University community has come to the fore and their contribution to rural reconstruction and resilience has been demonstrated in ample terms through the said extension outreach interventions. These have proved beneficial to the student community as well. Extension initiatives have opened up a new window of service learning through community engagement for the students. The immersive learning experience in real world settings amid addressing live concerns has substantially contributed to broadening of perspectives, personality development, value orientation and inculcation of research culture among the students. The planned extension and outreach activities at Palamuru University drive home the interdisciplinary perspective and application orientation to knowledge to give cutting edge to the academic pursuits of the students. The University has been able to create positive impact and gain respectability and visibility among the neighbouring communities and villages through such purposeful interventions.

Provide the weblink of the institution

<http://palamuruuniversity.ac.in/>

**8.Future Plans of Actions for Next Academic Year**

- Preparation and submission of Annual Quality Assurance Report (AQAR).
- Reconstitution of Boards of Studies.
- Seeking funding under RUSA for infrastructure development.