



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		YOGI VEMANA UNIVERSITY
Name of the head of the Institution		Prof.M. Surya Kalavathi
Designation		Vice Chancellor
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		08562225400
Mobile no.		9966009544
Registered Email		vc@yogivemanauniversity.ac.in
Alternate Email		munagala12@yahoo.co.in
Address		Yogi Vemana University, Vemanapuram
City/Town		Kadapa
State/UT		Andhra Pradesh
Pincode		516005
2. Institutional Status		

University	State
Type of Institution	Co-education
Location	Rural
Financial Status	state
Name of the IQAC co-ordinator/Director	Prof.M.V.Shankar
Phone no/Alternate Phone no.	08562225419
Mobile no.	9966845899
Registered Email	directoriqacyvu@gmail.com
Alternate Email	iqacyvu@gmail.com

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.yogivemanauniversity.ac.in/iqacAqars.php
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4. Whether Academic Calendar prepared during the year

Yes

if yes,whether it is uploaded in the institutional website:
Weblink :

<http://www.yogivemanauniversity.ac.in/academiccalendars.php>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	B	2.54	2016	19-Jan-2016	18-Jan-2021

6. Date of Establishment of IQAC

24-Sep-2013

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
Code of discipline for students	06-Aug-2019 01	396
Guidelines for e-	01-Jul-2019	61

procurement and other purchase procedures	01	
Opportunities in higher education	04-Apr-2020 01	403
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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
Physics	FIST	DST	2019 365	200000
Yogi Vemana University	RUSA 1.0	MHRD	2017 1825	0
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9. Whether composition of IQAC as per latest NAAC guidelines:

Yes

Upload latest notification of formation of IQAC

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10. Number of IQAC meetings held during the year :

7

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

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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) Sensitized faculty members to submit collaborative project proposal to various funding agencies (2) NIRF2020 data compilation and submitted by team IQAC. (3) Motivated eligible science departments to apply for DSTFIST funding.

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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	Achievements/Outcomes
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Highlighted to provide essential and common laboratory facilities to benefit researchers of Science departments.	Utilizing RUSA fund Liquified Nitrogen plant has been installed, which is a unique and essential facility for scientific research.
Faculty members were motivated to submit joint research proposal to various funding agencies.	Faculty members have submitted R and D proposals to DST SERB, DBT, CSIR, MoEF and DST Bilateral programs for financial assistance and are successful in getting grants.
Appraised the University to pay part of the project overhead charges to Principle Investigators for laboratory maintenance.	Sponsored project Principle investigators were sanctioned fourty percent of their total over head charges for lab maintenance.
Upgradation of internet facility and expansion of Internet connection to new Arts and Commerce building.	Two numbers of SONIC firewalls were installed at the Server Room and high speed internet facilities provided to new Arts and Commerce building with RUSA fund.
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Executive Council of Yogi Vemana University	06-Apr-2021

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2020
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Date of Submission	28-Feb-2020
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief descripton and a list of modules currently operational (maximum 500 words)	Yogi Vemana University took all the necessary initiatives to ensure effective management information system. To cite a few, a userfriendly web portal has been developed exclusively for admission into various programmes offered by the University, wherein applicants get access to comprehensive information about the admission process. Online services such
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as remittance of processing fee, downloading of hall tickets and rank cards have been provided. Further, the examination branch of the University has outsourced the services to the private agency wherein all the examination related information and circulars can be easily accessed by the students and stake holders. The University follows online tender process for purchasing the goods and for undertaking civil works. Biometric attendance for staff and students has been introduced and the system is in operation. 24/7 CCTV surveillance system is operative.

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
MSc	Bio-Chemistry (502)	08/07/2019	Clinical Biochemistry (BCG-19)	08/07/2019
MSc	Bio-Chemistry (502)	08/07/2019	Immunology (BHC-20)	08/07/2019
MSc	Chemistry (503)	13/11/2019	Synthetic Strategies and Drug Design (CHE-45032)	13/11/2019
MSc	Materials Science and Nanotechnology (513)	24/06/2019	Semiconductor and Devices (MSNT-302)	24/06/2019
MSc	Materials Science and Nanotechnology (513)	13/11/2019	Energy conversion technologies(404)	13/11/2019
MSc	Genetics and Genomics (512)	08/07/2019	Analytical Biotechniques (GEN-15125)	08/07/2019
MSc	Applied Mathematics	25/11/2019	Business Mathematics	25/11/2019

	(505)		(MAT-25056)	
MSc	Applied Mathematics (505)	24/06/2019	Operations Research (MAT-35054-A)	24/06/2019
MSc	Geology (504)	13/11/2019	Mineral Exploration, Mining and Ore Beneficiation (GEO-45041)	13/11/2019
MA	Telugu (105)	13/11/2019	Telugu Natakam (TEL-403)	13/11/2019
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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
MSc	Biochemistry	15/07/2019
MSc	Biotechnology	15/07/2019
Integrated(PG)	Biotechnology & Bioinformatics	15/07/2019
MSc	Botany	15/07/2019
MBA	Business Management	15/07/2019
MSc	Chemistry	15/07/2019
MCom	Commerce	15/07/2019
MA (Journalism)	Communication and Journalism	15/07/2019
MCA	Computer Applications	15/07/2019
Integrated(PG)	Earth Sciences	15/07/2019
MA	Economics	15/07/2019
MA	English	15/07/2019
MSc	Environmental Science	15/07/2019
MSc	Genetics and Genomics	15/07/2019
MSc	Geology	15/07/2019
MA	History & Archaeology	15/07/2019
MSc	Materials Science and Nanotechnology	15/07/2019
MSc	Applied Mathematics	15/07/2019
MSc	Microbiology	15/07/2019

MPed	Physical Education and Sports Sciences	15/07/2019
MSc	Physics	15/07/2019
MA	Political Science and Public Administration	15/07/2019
MSc	Psychology	15/07/2019
MA	Telugu	15/07/2019
MSc	Zoology	15/07/2019
MA	Urdu	15/07/2019

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
Film Studies	26/12/2019	111
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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
MSc	Botany	33
MSc	Biotechnology and Bioinformatics	13
MSc	Materials Science and Nanotechnology	14
MBA	Business Management	52
MBA	Human Resource Management	29
MA (Journalism)	Communication and Journalism	13
MCom	Commerce	39
MSc	Chemistry	79
MSc	Environmental Science	9
MSc	Zoology	27
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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

IQAC of the University takes the feedback from students, alumni, and teachers. Students' feedback focused on parameters such as depth of course contents, applicability and relevance to real-life situation, availability of teaching materials in the Library, abilities acquired during the course of study. The responses are scored in a five-point scale (Excellent, Good, Average, Poor, and Very poor) configuration. Students were asked to give their objective opinion on teaching and learning process. Questions touch upon the coverage of the syllabus content, communication skills of teachers, teacher's ability in using computer and ICT facilities, teacher's ability in explaining areas of confusion. The feedback obtained is discussed with management and issues of special concerns are addressed and discussed in meeting of Heads/coordinators of Departments, Deans, and Principal of the University College. Necessary actions are taken in the form of sending feedback outcome to faculty. Teaching staff are encouraged to attend refresher courses, faculty development programmes, workshops to improve their skills and teaching pedagogy time to time.

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	Physics	38	197	33
MSc	Mathematics	52	389	41
MSc	Zoology	38	220	33
MSc	Botany	38	192	33
MSc	Chemistry	104	421	94
MBA	Business Management (ICET)	52	52736	52
MCom	Commerce	52	670	42
MA	English	44	84	29
MA	Telugu	44	89	29
MA	Urdu	33	48	31

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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
2019	17	828	6	176	1

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 Tools and resources	Number of ICT enabled	Number of smart classrooms	E-resources and techniques used

	ICT (LMS, e-Resources)	available	Classrooms		
176	176	844	32	6	560
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)

Yogi Vemana University has encouraged the students of Fine Arts in organizing the Annual Art Exhibition to promote the outgoing students as well as to project the image of the University at State level. All the departments were equally strengthened to give its maximum to the progress of the students by organizing seminars, conferences, science and art exhibitions.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1608	176	1:9

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
182	100	82	Nil	96

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
2020	Dr.G.Kathyayani	Assistant Professor	Associate Fellow APAS
2020	Dr.S.Suneetha	Assistant Professor	Associate Fellow APAS
2020	Dr.C.Madhava Reddy	Assistant Professor	Associate Fellow of APAS
2020	Dr.K.Riazunnisa	Assistant Professor	Associate Fellow of APAS
2020	Dr.A.Madhusudhan Reddy	Assistant Professor	Best Plant Conservationist
2020	Dr.D.Vijayabharathi	Assistant Professor	Senior Women EducationScholar Award
2020	Dr.B.Srinivasulu	Professor	Teachinegand Research Excellence Award
2020	Dr.S.Sumitra	Assistant Professor	Associate Fellow APAS
2020	Dr.Mula Mallikarjuna Reddy	Assistant Professor	District Tourism Award
2020	Dr.L.Dakshayani	Assistant Professor	Associate Fellow APAS

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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	20	IV	07/03/2020	31/08/2020
MSc	15	IV	07/03/2020	09/09/2020
MSc	13	IV	07/03/2020	31/08/2020
MSc	18	IV	07/03/2020	09/09/2020
MSc	7	IV	07/03/2020	09/09/2020
BFA	32	4 year	07/03/2020	18/09/2020
MCom	8	IV	07/03/2020	10/09/2020
MA	21	IV	07/03/2020	10/09/2020
MA	11	IV	07/03/2020	05/09/2020
MA	12	IV	07/03/2020	05/09/2020

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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
Nil	2218	0

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://www.yogivemanauniversity.ac.in/pgcourses.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
12	MA	English	33	32	96.97
11	MA	Economics	21	21	100
21	MA	History&Ar chaeology	28	27	96.43
19	MA	Telugu	25	25	100
31	MA	Urdu	25	24	96
15	MSc	Mathematics	36	29	80.55
18	MSc	Physics	30	30	100

20	MSc	Zoology	27	27	100
7	MSc	Chemistry	79	53	67.08
5	MSc	Botany	28	28	100
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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://www.yogivemanauniversity.ac.in/igac/SSS1920.pdf>

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
International	Dr. P. Vasu Govardhana Reddy	Alexander von Humboldt Fellowship Renewed Research Stay	19/12/2019	Alexander von Humboldt Foundation, Germany
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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
CSIR-SRF (2)	1095	CSIR, New Delhi
DST-Project Fellow (1)	1095	DST-SERB, New Delhi
CSIR - JRF (1)	1825	CSIR, New Delhi
UGC - JRF (4)	1825	UGC, New Delhi
DST-Inspire (3)	1825	DST-INSPIRE, New Delhi
UGC-NFSC (1)	1825	UGC, New Delhi
Moulana Azad National Fellowship (1)	1825	UGC, New Delhi
Project-JRF (1)	1095	DST-SERB, New Delhi
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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
Major Projects	1095	DST - SERB New Delhi	51.89	24.36
Major Projects	730	NMPB Ministry of AYUSH, GoI, New Delhi	25	25
Major	1095	DST - SERB	41.61	8

Projects		New Delhi		
Major Projects	1095	DST - SERB New Delhi	42.35	31.47
Major Projects	1095	DST - SERB New Delhi	42.17	11.4
Major Projects	1095	UGC, New Delhi	13.85	9.35
Major Projects	1095	MNRE, New Delhi	72.19	0
Major Projects	1095	NRB, New Delhi	18.35	0
Major Projects	730	ICMR, New Delhi	16.15	8.45
Major Projects	1095	DST - SERB New Delhi	53.92	11
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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
National workshop on "Fish diseases and Health Management in Aquaculture"	Zoology	31/01/2020
Seminar cum Workshop on "Alternatives to Animal Experiments for Life Science Research" at Department of Zoology	Zoology	24/02/2020
Sustainable agriculture in India	Economics	28/02/2020
National Seminar on "Issues, Challenges and Prospects of Women Particiapation in Research and Development Activities in India :: Past, Present and Future Scenario	MBA	14/02/2020
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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
Pratibha Awards	Mr. Devendra	Andhra Pradesh State Government	11/11/2019	OC
36th AIU South Zone Youth Fest	M. Yeshaswini (II)	Alagappa University, Tamil nadu	22/12/2019	Student

Poster making Competition				
35th AIU South Zone Youth Fest Installation Competition	D.S.Kalyan, G.Ravi, K. Veni, K. Abhishek reddy	Alagappa University, Tamil nadu	22/12/2019	Students
35th South Zone Youth Festival (Sculpture)	G. Somasekhar (I)	Alagappa University, Tamil nadu	22/12/2019	Student
36th AIU National Youth Fest Poster making Competition	M. Yeshaswini (II)	Amity University, Delhi	02/07/2020	Student
35th AIU National Youth Fest Installation Competition	D.S.Kalyan, G.Ravi, K. Veni, K. Abhishek reddy	Amity University, Delhi	02/07/2020	Students
Brown Art Exhibition, C.P. Brown 221 Jayanthi utsavalu (category-IV)	K. Abhishek reddy (I), B. Gampamallayya (II), A. Navyapavani (III)	C.P. Brown Library, Yogi Vemana University, Kadapa	11/10/2019	Students
Brown Art Exhibition, C.P. Brown 221 Jayanthi utsavalu (category-III)	M. Yeshaswini (I), A. Jessy (II), P. Kayasree (III)	C.P. Brown Library, Yogi Vemana University, Kadapa	11/10/2019	Students
Brown Art Exhibition, C.P. Brown 221 Jayanthi utsavalu (category-II)	Ramesh babu (I), Sudharani (II)	C.P. Brown Library, Yogi Vemana University, Kadapa	11/10/2019	Students
Brown Art Exhibition, C.P. Brown 221 Jayanthi utsavalu (category-I)	G. Somasekhar (I), A. Anil Kumar (II), G. Narasimha Reddy (III)	C.P. Brown Library, Yogi Vemana University, Kadapa	11/10/2019	Students
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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	NA	NA	NA	NA	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
Physical education and Sports Science	1
Business management	3
Telugu	2
Zoology	3
Economics	2
Microbiology	1
Biochemistry	1
Applied mathematics	3
Biotechnology and Bioinformatics	1
Environmental Science	2
Material Science and nanotechnology	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	Environmental Science	4	10.08
International	Biotechnology and Bioinformatics	14	2.8
International	Biochemistry	6	1.04
International	Chemistry	15	2.73
International	Genetics and Genomics	11	0.67
International	Microbiology	8	3.3
International	Material Sciences and Nanotechnology	37	3.3
International	Physics	12	2.49
International	Zoology	6	2.49
International	Geology	34	0.15

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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
Telugu	8
Business management	4
History and Archaeology	5
Biotechnology and Bioinformatics	3
Applied Mathematics	2
Political Science and Public Administration	4

Microbiology	5
Economics	8
Biotechnology	4
Zoology	2
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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
Synthesis of titania wrapped cadmium sulfide nanorods for photocatalytic hydrogen generation	Prof.M.V .Shankar	Materials Research Bulletin	2019	4.019	Yogi Vemana University, Kadapa	16
Multiwalled carbon nanotubes in titania based nanocomposite as trap for photoexcitons for enhanced photocatalytic hydrogen production under solar light irradiation	Prof.M.V .Shankar	Materials Research Bulletin	2019	4.019	Yogi Vemana University, Kadapa	5
Facile synthesis of noble-metal free polygonal Zn ₂ TiO ₄ na	Prof.M.V .Shankar	Hydrogen Energy	2019	4.939	Yogi Vemana University, Kadapa	8

nostructures for highly efficient photocatalytic hydrogen evolution under solar light irradiation						
A co-catalyst free, eco-friendly, novel visible light absorbing iron based complex oxide nanocomposites for enhanced photocatalytic hydrogen evolution	Prof.M.V .Shankar	Hydrogen Energy	2019	4.939	Yogi Vemana University, Kadapa	2
Development of high quantum efficiency CdS/ZnS core/shell structured photocatalyst for the enhanced solar hydrogen evolution	Prof.M.V .Shankar	Hydrogen Energy	2019	4.939	Yogi Vemana University, Kadapa	12
Influence of pre-oxidation, versus post-oxidation of carbon nanohorns in TiO ₂ nanohybrid for	Prof.M.V .Shankar	Materials Research Bulletin	2019	4.019	Yogi Vemana University, Kadapa	2

enhanced photocatalytic hydrogen production.						
Altered Expression of p63 Isoforms and Expansion of p63-And Club Cell Secretary Protein-Positive Epithelial Cells in the Lung as Novel Features of Aging.	Fukumoto J, Patil SS, Krishnamurthy S, Saji S, John I, Narala VR, Helena Hernández-Cuervo, Alleyn M, Breitzig M, Galam L, Soundararajan S, Chaudhari U, Hansen B, Lockey R, and Kolliputi N	American Journal of Physiology-Cell Physiology	2019	3.485	Yogi Vemana University, Kadapa	1
Recent advances in nanoparticles-based strategies for cancer therapeutics and antibacterial applications	Dakshayani Lomada	Methods in Microbiology	2019	1.707	Yogi Vemana University, Kadapa	15
Facile one pot synthesis of Pd-Ag/reduced graphene oxide nanocomposite as an electrochemical sensor for sensitive detection of anti-hypertensive drug	L. Subramanyam Sarma	Colloids and Surfaces A	2019	0.78	Yogi Vemana University, Kadapa	12
Green	P. Vasu	Appl Org	2019	3.14	Yogi	4

Synthesis of 1,2,3-triazoles via Cu ₂ O NPs on hydrogen titanate nanotubes promoted 1,3-dipolar cycloadditions	Govardhana Reddy	anometal Chem			Vemana University, Kadapa	
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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
COVID-19 Outbreak: an Update on Therapeutic Options	Panati, K., Subramani, P.A, Reddy M.M., Derangula M, Arva Tatireddigar i V.R.R., Kolliputi N., and Narala V.R	International Immunopharmacology	2019	112	2	Yogi Vemana University, Kadapa
Utilization of banana crop residue as an agricultural bioresource for the production of acetone/butanol/ethanol by Clostridium beijerinckii YVU1	L. Veeranjanya Reddy,A. Shree Veda,Y.-J. Wee	Letters in Applied Microbiology	2019	112	1	Yogi Vemana University, Kadapa
Optical and radiative properties of Sm ³⁺ ions activated alkali bis-muth-	M. Ravi Prakash, G. Neelama, K.Venkata Krishnaiah, N. Ravi, N. Kiran, C.S.	Journal of Luminescence	2019	115	8	Yogi Vemana University, Kadapa

germanate glasses	Dwaraka Viswanath, T. Subbarao and V.Venk atramu					
A transparent and Pt-free all-carbon nanocomposite counter electrode catalyst for efficient dye sensitized solar cells	M. Gurul akshmi, A. Meenakshama, K. Susmitha, N. Charanadhar, V. V. S. S. Srikanth, S. N. Babu, Y. P. V. Subbaiah, K. Venkateswarlu, M. Raghavender	Solar Energy	2019	181	10	Yogi Vemana University, Kadapa
Pt-free graphenaceous composite as an electrocatalyst for efficient oxygen reduction reaction	B. Sravani, H. Maseed, Y. Chandrasekhar, Y. V. Manohara Reddy, V. V. S. S. Srikanth, G. Madhavai, L. S. Sarma	Nanoscale	2019	224	17	Yogi Vemana University, Kadapa
Synergetic improvement in charge carrier transport and light harvesting over ternary In VO4-g-C3N4/rGO hybrid nanocomposite for hydrogen evolution reaction	Hafeez YusufHafeez, Sandeep KumarLakhe ra, M.V.Sh ankar, BernaurdshawN eppolian	International Journal of Hydrogen Energy	2020	2015	30	Yogi Vemana University, Kadapa

Sustainable hydrogen production for greener environment by quantum dots-based efficient photocatalysts	V Navakoteswara Rao, N Lakshmana Reddy, M Mamatha Kumari, K K Cheralathan, P Ravi, M Sathish, B Neppolian, Kakarla Raghava Reddy, Nagaraj P Shetti, P Prathap, Tejraj M Aminabhavi, M V Shankar	Journal of Environmental Management	2019	179	25	Yogi Vemana University, Kadapa
Photocatalytic recovery of H ₂ from H ₂ S containing wastewater : Surface and interface control of photo-excitons in Cu ₂ S@TiO ₂ core-shell nanostructures	Navakoteswara Rao, N.Lakshmana Reddy, M.Mamatha Kumari, P.Ravi, M.Sathish, K.M.Kuruville, V.Preethi, Kakarla RaghavaReddy, Nagaraj P.Shetti, Tejraj M.Aminabhavi, M.V.Shankar	Applied Catalysis B: Environmental	2019	248	95	Yogi Vemana University, Kadapa
Dual role of g-C ₃ N ₄ /carbon intra Schottky junction in charge carrier generation and separation for efficient solar H ₂ production	A. R. Mahammed Shaheer, P. Karthik, G. Karthik, M. V. Shankar, B. Neppolian	Catalysis Science and Technology	2019	115	5	Yogi Vemana University, Kadapa

Low-cost TiO ₂ -graphitic carbon core/shell nanocomposite for depriving electron, hole recombination	Reddy N.R, Bhargav U, Manoranjan i G, Kumari M.M, Cheralathan K, Shankar M.V.	Materials Letters	2019	144	2	Yogi Vemana University, Kadapa
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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	39	173	14	5
Presented papers	54	125	4	Nil
Resource persons	7	31	6	3
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3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

Name of the Consultant(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
Earth Sciences	DGPS Survey Resistivity Meter Survey	Nil	24000
Fine Arts	Woodcut Workshop	Nil	15000
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3.5.2 – Revenue generated from Corporate Training by the institution during the year

Name of the Consultant(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
Nil	NA	NA	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/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Republic Day (NSS volunteers, programme officers and other staff were participated)	NSS Cell, YVU, Kadapa	21	850

in flag hosting).			
International Womens Day (students conduct the rally program and run the awareness program to womens)	NSS Cell, YVU, Kadapa	34	850
World Blood Donars Day (conducted medical camp and donated blood and created awareness on blood donation and blood diseases)	NSS Cell, YVU, Kadapa	36	800
NSS Foundation Day (conducted Rallie and gave speeches about the Importance of NSS and its foundation day)	NSS Cell, YVU, Kadapa	49	1350
Plantation (planting tulasi sapling within the campus)	NSS Cell, YVU, Kadapa	38	755
Plastic Free Campus (removing plastic bags and papers within the campus)	NSS Cell, YVU, Kadapa	35	1005
Health Immunization Camps	NSS Cell, YVU, Kadapa	29	1300
Awareness to Students on Disha Act (TO create awareness about Disha Act)	NSS Cell, YVU Disha Act, Kadapa	30	1520
COVID-19 Awareness Programs (through posters and talks)	NSS Cell, YVU, Kadapa	49	1500
Blood grouping test and health check up on the National Science Day	Department of Biochemistry, YVU	28	100
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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
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			Benefited
Conservation of Rare, Endangered and threatned plants in YVU Botanic Garden	Biodiversity Conserver Award	Andhra Pradesh State Biodiversity Board	550
NSS Activities	University level Best PC Award	Yogi Vemana University, Kadapa	972
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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 activites	Number of students participated in such activites
National Service Scheme	NSS Cell, YVU National Institute of Social Defence Ministry of Social Justice Empowerment, New Delhi	Drug De Addiction	38	1310
National Service Scheme	NSS Cell Dr. B. Sadasivaiah, Dept. of Botany, Dr. BRR Govt. College, Zadcherla, Telangana	Conservation of Wild Life Focus on Snakes	23	1070
National Service Scheme	NSS Cell, YVU Mahatma Gandhi National Council of Rural Education, Hyderabad	5-Day Faculty Development Program on Rural Immersion Community Engagement Work	37	1175
National Service Scheme	NSS Cell Rajiv Gandhi National Institute of Youth and Development	3-Day Training of Trainers on Employability Skills	38	1659
National Service Scheme	NSS Cell Jana Vignana Vedika, Kadapa	Jana Vignana Vedika	40	1410
National Service Scheme	NSS Cell, YVU Mahatma Gandhi National Council of Rural Education, Hyderabad	2-Day Rural Immersion Training Program	25	815

National Service Scheme	NSS Cell Dr. B. Ravi Prasad Rao, Dept. of Botany, SKU, Anantapur	Awareness Program on Environmental Conservation	30	855
National Service Scheme	NSS Cell Dr. B. Sadasivaiah, Dept. of Botany, Dr. BRR Govt. College, Zadcherla, Telangana	Conservation of Wild Life Focus on Snakes	23	1070
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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
Academic collaboration with Dr. S. Sakthivel, Mani Karthik and Dr. Anandan, International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI), Hyderabad, Telangana State, INDIA	Prof. M.V. Shankar, YVU	MNRE, New Delhi	1825
Academic collaboration with Dr. Karkala Raghava Reddy, The University of Sydney, Sydney, NSW 2006, Australia	Prof. M.V. Shankar, YVU	MNRE, New Delhi	1825
Academic collaboration with Dr. Nagalakshmi Devamma, Sri Venkateswara University, Tirupati, Andhra Pradesh, India	Dr. N. Jaya Raju and Dr. T. Lakshmi Prasad, YVU	Nil	1460
Academic collaboration with Dr. Vinay Kumar, University of Delhi, Delhi, India	Prof. K. Krishna Reddy, YVU	Nil	1460
Academic collaboration with Dr. G. Hema Chandra, Visvesvaraya	Dr. Y.P. Venkata Subbaiah, YVU	Nil	1460

National Institute of Technology, Nagpur, 440 010, Maharashtra, India			
Academic collaboration with Dr.V.V.V.S. Srikanth, University of Hyderabad, Hyderabad, Telangana State, India	Dr.Madava C. Reddy, Dr.L.Dakshayani, Dr.M. Raghavender, YVU	DBT and DST, New Delhi	1825
Academic collaboration with Dr.Anand Srivastava, National Institute of Animal Biotechnology Hyderabad, India	DrL.Dakshayani, YVU	DBT, New Delhi	365
Academic collaboration with Dr.Sang Woo Joo, Yeungnam University, Gyeongsan 38541, Republic of Korea	Dr.M. Mamatha Kumari, YVU	BARC-NRB, Mumbai	730
Academic collaboration with Dr. Rajkumar Gangula,Sahaana Hydrobiotech and Organic Pvt. Ltd., Bangalore, India	Dr. M. Raghavender, YVU	Sahaana Hydrobiotech and Organic Pvt. Ltd., Bangalore.	730
Academic collaboration with Prof. C. Suresh Reddy, Dept of Chemistry, S. V. University, Tirupati, Andhra Pradesh.	Dr. P. Vasugovardhana Reddy, YVU	DST, New Delhi	1095
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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
Research C	Sharing of		12/09/2019	13/09/2019	2

ollaboration	facilities	Inernational Advanced Research Centre for powder metallurgy and new materials (ARCI), Hyderabad			
Research C ollaboration	Sharing of facilities	Hidustan Institute of Technologies and Sciences, Chennai	05/11/2019	06/11/2019	4
Research C ollaboration	Sharing of facilities	Sri Venkateswara University, Tirupati	06/01/2020	09/01/2020	3
Linkage for Internship	YVU Internship Programme	Sakshi, Daily News Paper, Andhra Pradesh	15/09/2019	09/10/2019	6
Research/P roject work	Sharing of facilities	SRM Research Institute, SRM University, Kattankulath ur, Tamil Nadu	29/07/2019	03/08/2019	3
Research/P roject work	Sharing of facilities	National Institute of Technology (NIT), Warangal	16/08/2019	22/08/2019	1
Internship	Internship program	Andhra Jyothi, Daily News Paper	15/09/2019	09/10/2019	6
Research/P roject work	Sharing of facilities	Visweswaraya Technologica l University, Muddannahall i, Karnataka	29/01/2020	03/02/2020	1
Internship	Internship program	Eenadu Daily News paper	15/09/2019	09/10/2019	1
Research/P roject work	Sharing of facilities	Central Electro	24/06/2020	29/06/2020	1

Chemical
Research
Institute (C
SIR-CECRI),
Karaikudi

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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
Oncosimis Pvt Ltd, Hyderabad	20/03/2020	Research facility establishment, Joint research activities, Priority to YVU students on jobs, Ph. D. Registration	4
Cultural Center of Vijayawada, VIMHANS	19/03/2020	Research and Training	4
No file uploaded.			

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
1798.4	1798.4

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Seminar halls with ICT facilities	Existing
Video Centre	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	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar Halls	Existing
Laboratories	Newly Added
Class rooms	Existing
Campus Area	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	Fully	2.0 full edition	2019

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	50276	3028550	240	67307	50516	3095857
Reference Books	1107	949249	Nil	Nil	1107	949249
Journals	109	658348	4	264151	113	922499
e-Journals	9	Nil	Nil	Nil	9	Nil
CD & Video	476	Nil	Nil	Nil	476	Nil
Others (specify)	6425	67317	Nil	Nil	6425	67317
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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	399	6	352	2	2	119	242	155	22
Added	37	2	37	0	0	5	2	0	0
Total	436	8	389	2	2	124	244	155	22

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

155 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
No	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
1007.3	1007.3	418.6	418.6

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 strictly follows the regulations laid down by the Government of Andhra Pradesh with regard procurement of infrastructure. Presently the e-procurement policy of the State Government is followed and the University has constituted a Central Purchase Committee to scrutinize the quotations received from the bidders by following the norms in vogue and considering the recommendations of technical committee, if required. With regard to the maintenance of physical facilities the Engineering Department is entrusted with the responsibility It functions under the supervision of Executive Engineer and Assistant Engineers and adequate personnel is provided for the effective functioning of Engineering section. To maintain hygiene of the premises and hostels the services of Sulab International are being utilized. The services include maintenance of Classrooms, hostels , gardens, corridors, labs and toilets, .Proper maintenance of Hostels is given due attention. The Chief Warden of the Hostel is the Principal of the college who is supported by the Additional Chief Warden, who is the Vice-Principal of the college and Deputy Wardens in the Cadre of both Associate and Assistant Professors. The Electrical Department of the University maintains the Solar Power Plant facility which has the capacity to generate power of the 3 Mw. Water supply for the hostels and other places is taken care by the Engineering Department. Each course in the science subject has conventional labs which are maintained by the respective departments under the supervision of Heads/Coordinators of the departments and faculty concerned. Further the research labs established with the support of funding agencies are maintained by the respective Principal Investigators. . The University premise has a spacious library which is named as A.P.J .Kalam Central library. The library has been fully automated by procuring SOUL software. Professor in charge is appointed to ensure its proper maintenance and functioning. The C.P Brown Library and Language Research Centre, Kadapa , under the administrative control of the University, shelves rare books, manuscripts and palm leaves and conducts research on languages. It is maintained under the supervision of library incharge who is supported by sufficient personnel. For the maintenance of sports facilities, there is an exclusive Department of Sports Sciences and Physical Education which offers Post Graduate Course in Physical Education. The Play Fields, tracks, Gymnasium and other facilities are maintained by the Department which functions under the supervision of Coordinator. The maintenance of computers used in the Departments, Labs, and offices with the support of the Department of Computer Applications and a Professor is appointed as incharge of IT Networking Facility, Adequate supporting staff is available to check the computers and undertake minor repairs depending on the requirement. Special care is taken for the maintenance of classrooms. The Head/Coordinator concerned with the support of non teaching staff supervises the upkeep of classrooms regularly and minor repairs if required are undertaken with the support of Engineering section.

<http://www.yogivemanauniversity.ac.in/pgcourses.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	Vemana Kreedha Prathiba Puraskar for Institutional Championship in Sports (Men and Women)	20	240000
Financial Support from Other Sources			
a) National	State Government (Fee Reimbursement) and Central Government (Fellowships from UGC JRF/SRF/RA/RGNF /INSPIRE/MOULANA AZAD/MTAC)	1268	23282554
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
Skating	24/06/2019	18	Yogi Vemana University, Kadapa
Aerobics	24/06/2019	18	Yogi Vemana University, Kadapa
Fitness and Wellness	24/06/2019	18	Yogi Vemana University, Kadapa
Accounting Software[tally]	19/02/2020	35	Yogi Vemana University, Kadapa and Andhra Pradesh State Skill Development Corporation (APSSDC)
Pharma Marketing Executive	27/01/2020	30	Yogi Vemana University, Kadapa and Andhra Pradesh State Skill Development Corporation (APSSDC)
E- Commerce and Digital Marketing	22/01/2020	22	Yogi Vemana University, Kadapa and Andhra Pradesh State Skill Development Corporation (APSSDC)
Personal	19/08/2019	233	Yogi Vemana

Counselling and Mentoring			University, Kadapa
Remedial coaching	12/09/2019	324	Yogi Vemana University, Kadapa
Bridge course	10/07/2019	39	Department of Commerce, Yogi Vemana University, Kadapa
Yoga	21/06/2019	100	Yogi Vemana University, Kadapa
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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
2019	Career and Counseling Cell	223	143	25	118
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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
Nil	Nil	Nil

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
GVK Bio, Hyderabad. C.P. Aqua Fisheries Pvt Ltd., Chennai. Sri Chaitanya Educational Institutions, Vijayawada. EDU Sports.	51	34	National Aquaculture Group, NAQUA, Jeddah city, Kingdom of Saudi Arabia. GVK BioSci., Hyderabad. HR Square LLP, Hyderabad. Zomant Solutions Pvt Limited,	147	84

Hyderabad.
Lee Pharma
Limited,
Hyderabad.
BSR
Enterprises,
Hyderabad.
Discovery
Labs,
Hyderabad.

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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
2019	1	M.B.A	Business Administration	Yogi Vemana University, Kadapa	Ph.D
2019	1	M.B.A	Business Administration	Hyderabad Central University, Hyderabad	Ph.D
2019	1	Ph.D	Chemistry	Domguk University, South Korea	Postdoctoral research
2019	2	M.Sc.	Chemistry	IIT Hyderabad , Hyderabad	Ph.D
2019	3	M.Sc.	Chemistry	Yogi Vemana University, Kadapa	Ph.D
2019	8	M.Sc.	Biotechnology	APCARL, Pulivendula	Ph.D
2019	1	M.Sc.	Physics	Yogi Vemana University, Kadapa	Ph.D
2019	1	M.Sc.	Botany	Yogi Vemana University, Kadapa	Ph.D
2019	2	M.Sc.	Geology	Yogi Vemana University, Kadapa	Ph.D
2019	2	M.Sc.	Earth Sciences	Yogi Vemana University, Kadapa	Ph.D

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

Items	Number of students selected/ qualifying
NET	9
SET	4
SLET	1
Any Other	9
Any Other	2

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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
Football (Men Trials)	Intercollegiate Level	80
Table Tennis Men and Women	Intercollegiate Level	60
Rifle Shooting (Men and Women)	Intercollegiate Level	20
Taekwondo (Men and Women)	Intercollegiate Level	150
Chess (Men And Women)	Intercollegiate Level	45
Best Physique Men	Intercollegiate Level	120
Power lifting and Weightlifting Men and Women	Intercollegiate Level	100
Fencing Men and Women	Intercollegiate Level	50
All India Inter University Softball Men Tournament	All India Level	1368

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5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	GOLD	National	1	Nil	019409	D. ANUSHA
2020	GOLD	National	1	Nil	019403	M. SALOMI
2020	BRONZE	National	Nil	1	000619	M. YESHASWINI
2020	BRONZE	National	Nil	1	000571	D.S. KALYAN
2020	BRONZE	National	Nil	1	000223	K.

						ABHISEK REDDY
2020	BRONZE	National	Nil	1	000224	G.RAVI
2020	BRONZE	National	Nil	1	000222	K.VENU
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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)

1) To encourage the participative role of students in the administration and to inculcate the spirits of democracy and leadership among the students, the University has adopted the system of permitting the members as "class representatives " (CR) at least two from each class. 2) All the students are linked through what's up group for effective communication and interaction. students are directly participate in training programmes and placements and course review committee, SC, ST, OBC Monitoring , library committee towards effective functioning . 3) Students are the active members in mandatory committee in audit-regarding sexual harassment, Grievance redressal committee. Student's participation in various academic (BOS) and administration bodies help to gain experience. 4) As Class representatives, students play an important role in the planning, college events, awareness programmes, conducting Fresher's day, Management meets, Independence day, Teacher's day etc. They invite guests, anchor programs, and organize the events on their own thus grooming their skills. 5) They also assist the departments in organizing various programs such as blood donation campus recruitment drives. CRS represent the opinion to the students further, they also undertake the responsibility of maintaining discipline, clean green environments in the campus. The student representation proposes ideas provide feedback of the faculty in a democratic manner on various aspects to initiate the measure where ever required. 6) Under the supervision of Teachers by the direction of the Principal, Students acquire administration skills, civic responsibility, leadership qualities, problems solving capability and team spirits.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of registered Alumni:

0

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

0

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)

University believes in decentralization and participative management. The hierarchical setup of the University is in place both in academic and administrative realms. In the pursuit of delegation of powers, University

provides ample opportunities to all the stake holders in the process of decision making the administration lends generous freedom and flexibility to the Principal to monitor and conduct all the academic activities. Principal is the Academic Head, followed by the Vice-Principal and Heads/Coordinators of the Department. Registrar is the Administrative Head supported by office superintendents, Teaching faculty also involved in the administration by rendering services in the capacity of Coordinators. The following are some participative management practices adopted in the University: a) University periodically issues necessary directions and instructions to the departments and units with due approval of the executive council and the budget is allocated taking into account the requirements placed by the Departments and also the technical feasibility. b) The University administration interacts with the students by conducting meetings often and motivates them to participate in extra-curricular activities like Sports, NSS, Life Skills, Yoga and Cultural activities besides the academic endeavors. The primary intention is to ensure their holistic development. University firmly believes in ethical values and fosters rural up-liftment, women empowerment and aims of accomplishing global standards by adhering to traditional values. c) Departmental level committees have been constituted to review the requirements and purchase of equipment for Laboratories and also for their efficient maintenance. Central Purchase Committee (CPC) is constituted to check the overall specifications of the Instruments/equipment before placing them for due approval by the competent authorities. d) Faculty members are given freedom to conduct academic events and officiate as Coordinator/Convener and organize various academic programmes like Workshops, seminars, symposia etc. e) Faculty are encouraged to develop leadership skills by nominating them in various academic, co-curricular and extra-curricular committees. f) Empowering students through Choice Based Credit System (CBCS): Students are given the option to choose the elective courses. They have been extended adequate support to pursue courses offered by other departments which will be useful for knowledge enhancement and career building. Students have been given enough representation in bodies such as IQAC and BOS. g) Standard operating procedures are very much in place to perform well defined tasks. A healthy work culture is the hallmark of the University. People at the helm of affairs are accessible to address the issues/grievances/views as per the University rules. h) The University has a secular atmosphere. Events like Ganesh Chaturthi and Suppose Christmas are conducted with gaiety and fervour. i) Suggestions and complaint boxes have been placed at different places in the campus. Administration has been formulating, implementing and organizing policies, programmes in a fully democratic manner by involving parents, students, teaching and non-teaching staff for overall welfare of the stakeholders. j) University participated in Monsoon Vana- Mahostavam program and planted and distributed 5000 saplings in the campus.

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
Admission of Students	University Admission process is purely transparent, wide publicity is given with the details of courses and fees structure. A separate web portal is provided exclusively for the admissions. The notification for admission is issued and published through print and electronic media.

Admission entrance test and admissions are conducted in a foolproof manner and rule of reservation is scrupulously followed. Admissions process is carried out through Yogi Vemana University Post Graduate Common Entrance Test (YVUPGCET) conducted by YVU for admission of students into first year of all the P.G courses offered by the University and affiliated colleges. Allotment of seats to the eligible candidates is by online counseling conducted by Directorate of Admissions of YVU. University authorities are empowered to modify the eligibility criteria, enhancement of seats based on the demand of the course with due approval from the Government and Executive Council. Admission processes into professional courses like MBA, MCA are made through ICET-conducted by University identified by APSCHE. The process of admission is made in two phases. The students admitted are entitled to receive the scholarships sanctioned by the Government as per the prescribed eligibility conditions (G.O Ms.No: 58, Social welfare (J), dept, dated 12/05/1997).

Industry Interaction / Collaboration

Concerted efforts are in place with regard to enhancement of industry interaction in terms of engagement with industry through collaborative research and participation of experts from Industry in designing the curriculum as members in the Boards of Studies. 1) MBA II Semester students as part of curriculum pursue their internship programme by visiting industries for two months during summer namely Ultra Jowari Cements, Amara Raja Batteries, Nutrine Company, Heritage/Vijaya/Dodla (dairy industries) and four wheelers like Honda, Yamaha, Suzuki to get customer feedback and analyze sales and marketing trends. 2) M.Sc., Geology students visits National Mineral Resource Corporation, every week for survey, Benitas-Iron Industry and Sujala Glass Industry to gain awareness about their functioning and products. 3) Department of Fine Arts has conducted National Level Art Camp with 16 Artists sponsored by Very Prestigious organization Lalith Kala Akademi, Department of Culture, New Delhi, Government of India, which is a rare opportunity for YVU in South

India. Department of Telugu bagged 5 literary awards. In continuation, Yogi Vemana University renewed the signed Memorandum of Understandings for advancement of academics.

Human Resource Management

1) In general to recruit the staff of all categories in accordance with the rule position or guidelines of the UGC by giving an open advertisement. 2) The University has an effective mechanism in place and statutory reservations are strictly followed as per the rule of reservation prescribed by the Government from time to time. Faculty serves the University in various positions by performing additional duties and responsibilities without prejudice to academic work. 3) They are appointed/ nominated as Principal, Deans, Directors, Controller of Examination, Conveners, Coordinators of various sections, Members of various committees and Nodal officers were appointed as per the requirement and by following the rules and procedures. Teaching faculty is given ample opportunities to organize academic and research oriented programmes such as workshops/seminars. 4) Non-teaching members are provided opportunities to participate in various skill development programs like software utility, i.e., paper less administration, soft skills etc. 5) Self appraisal system is followed to assess the performance index of an individual faculty every year through career Advancement schemes by IQAC. 20 faculty members are promoted as Associate Professors under CAS and also few of the supporting staff and five Non-Teaching staff members have been promoted as Assistant Registrars.

Library, ICT and Physical Infrastructure / Instrumentation

LIBRARY: 1) Dr. A. P. J. Abdul Kalam Central Library is quite spacious and user friendly library with a huge collection of books, with unlimited Internet, journals, periodicals, thesis, dissertations, and survey reports from diversified areas and online resources. 2) The library is ably supported by dedicated staff, who works in shift system. Books and periodicals are appended as per the requirement and allocation of funds. The library is also equipped with books, reference books, journals and

magazines useful for preparation for various competitive examinations as well as an open a window to the wider world. University library has been digitalized and added with new e-Journals. 3) University has C. P. Brown Research Center for Languages under its jurisdiction located in Kadapa town with multiple collections of books on Telugu language and literature. C. P. Brown Library has an in-charge, a member of faculty from the University, who is supported by adequate staff. The library periodically conducts literary and cultural programmes. 4) The library has a rare collection of manuscripts that date back to the 11th Century 200-year old palm leaf manuseon education, medicine, Vedas, Upanishads, Ayurveda, Mantra Sastra, Jyotish Sastra (astrology), hundred-year-old handmade paper bundles on various subjects, which for years have come as a great help for the research scholars and emerged as a centre of excellence for language research. 5) Coordinator, C. P. Brown library has submitted a proposal for digitalization of 200-year old palm leaf manuseon education. To empower the Telugu language C.P. brown library organizing various Theatre art related programs by PG Diploma Students. ICT: 1) University encourages the faculty, who wish to utilize ICT tools in Teaching and Research. In addition to devices such as computers, Laptops, LCD projectors nine numbers of seminar halls are also available to conduct academic events. Through dedicated 24/7 YVU internet BSNL Broad Brand facility under NKN scheme of 1GB with 155 mbps, the University has been able to put to use optimally the digital sources for teaching- learning processes. 2) A dedicated server room housed with Juniper router, SONIC Firewalls and CISCO gigabit switches has been setup to effective management of Internet facility in the University campus. 3) New computer labs with LAN and Internet facility have been established in the Departments of Commerce, Biotechnology and Bioinformatics and Earth Science. 4) Internet facilities have established in Arts and Commerce and Gurukulam buildings. PHYSICAL INFRASTRUCTURE: 1) Necessary infrastructural facilities

are available for all Academic programmes, Administrative activities and to provide accommodation to around 90 students. Sufficient facilities are available for co-curricular and extracurricular activities. 2) The playfields, gymnasium and indoor stadium are purposefully utilized by the students. For safe and pure drinking water, R O systems (3) are available in the campus. 3) Modern cooking facilities are available in hostel blocks. To maintain the cleanliness of wash rooms and Toilets, University is engaging the services of SULABH INTERNATIONAL AGENCY. 4) A canteen is available in the campus and Health centre is equipped with Medical Officer and supporting Paramedical staff to offer first aid and medical services. To ensure the safety of infrastructure CC cameras are installed in the Campus at strategic points. 5) University has been allocated Rs. 20.0 crore budget by Government of Andhra Pradesh under Block grant and Rs. 40.0 crore for Capital grant. The purpose of capital grant is to utilize for the completion of Administrative building as per the original architectural plan of G9 floors, to construct 20 bedded Health Center and Convocation Hall. University also received a sum of ₹20.0 crore sanctioned by RUSA out of which Rs. 6.49 crore has been allocated exclusively to complete G3 level of Administrative building.

Research and Development

1) University research cell - constituted University Research Committee (URC) and Department Research Committee (DRC) to ensure smooth functioning of research-related activities. 2) All the faculty and Research Scholars are motivated and encouraged to apply for research projects/fellowships from various funding agencies Viz., CSIR, UGC, DBT, DST, MNRE, ISRO, MOES, ICSSR, DAE-NRB, ICMR and NBM. They are also encouraged to participate in Seminars/Conference/Training programmes /Workshops /FDPs with a view to update their knowledge in recent trends and innovations in various specializations and also to explore possibilities of establishing collaborations. 3) University extends continuous support to the Science departments to obtain

funding from various agencies under FIST and SAP schemes. Department of Physics successfully obtained DST-FIST funding. All the departments including Science and Humanities, Management and Computers have adequate facilities to conduct research and pursue academics in a qualitative manner. 4) For the purpose of undertaking advanced research in sciences the University has the following facilities like Central Instrumentation, Agri Science Park, Animal house, NMR, UV-Vis-NIR Spectrophotometer, Particle size analyzer, GC, Solar Simulator, HPLC etc., which added value to the existing facilities. 5) University encouraged faculty to utilize the provision of study leave to pursue advanced research/higher studies in collaboration with other Universities, Research Centers in India and Abroad. As per the UGC guidelines admission into Ph.D. programmes is taken up by conducting YVU-Research CET. Ph.D. admissions are also given to candidates with fellowships under DST-INSPIRE, RGNF, UGC, CSIR-JRF, Maulana Azad National Fellowship (MANF). 6) Project fellows working under various research projects funded by different National/International funding agencies are also provided Ph.D. admission with an intention to promote research in the University. Fellowship holders are assessed periodically as stipulated by the respective funding agencies. 7) It is mandatory to qualify in the Pre-Ph.D examination as a part of requirement after completion of one year. The Research Scholar should publish at least one research publication at the time of submission of Ph.D thesis in national/international reputed journals. 8) Pre-synopsis presentation is given by the scholar before the DRC and on approval the thesis is submitted by incorporating suggestions if any to the University within three months of synopsis submission. Intellectual honesty is given due importance and every thesis is processed through Anti-plagiarism software (Turnitin). 9) The research community is provided the right exposure and they are encouraged to conduct worthy and qualitative research. The adjudication process of Ph.D. is done scrupulously following

the UGC and YVU norms in force. Inter disciplinary research is also promoted to encourage both faculty and students.

10) The faculty of the University published research articles in reputed/peer reviewed journals and also in various National/International seminar proceedings. University invites subject experts/ eminent scholars/ renowned scientists from esteemed organisations to imbibe research aptitude, which is evidenced to conduct Science day with all earnestness and students participate in open house. 11) A state-of-art Centre-RUSA instrumentation facility has been established with Rs. 6.0 crore by procuring sophisticated equipment like SEM, GC, Electro chemical work station, Nano-drop, liquid nitrogen facility for animal tissue culture, Differential Global Positioning System, UV-Vis Spectrophotometer, Distrometer, Photoelectric calorimeter, Table top Centrifuge etc. 12) In continuation, the faculty members received considerable amount from the granting agencies for smooth running research projects.

Examination and Evaluation

1) Yogi Vemana University is conscious about the standards of evaluation. The concerned faculty should conduct internal assessment twice per semester in their respective subjects/courses and the end exam assessment is done by both internal and external examiners. 2) Academic calendar is strictly followed to conduct the examinations promptly. Controller of Examination regularly monitors the processes of Question Paper setting, printing of Answer Booklets, evaluation of answer scripts, conduct of spot valuation, tabulation work and publication of results and performance of the students assessing through formative system of evaluation. 3) The examination branch conducts Pre-Ph.D. examination and processes the adjudication of dissertation submitted by the candidates, conducts Viva-Voce examination and awards Ph.D. degree to the qualified candidate as per the University regulations. 4) University took all possible steps to curb malpractices, grievances regarding the examinations such as revaluation, recounting, typographical errors in

Question Papers are resolved in a transparent manner. Processing and declaration of results shall be done by the examination section by involving faculty deans and performance of the students will be assessed by summative evaluation of theory and practical examination. 5) University conducted 6th, 7th, 8th and 9th convocation and Prof. S. D. Sharma, an eminent able administrator received honorary Doctorate.

Teaching and Learning

1) Yogi Vemana University strictly follows the academic calendar fixed well in advance of the academic year. Introduction, orientation, induction and bridge courses etc., are being conducted to the newly admitted students. 2) All the departments are well equipped with modern teaching equipment like desk tops, Laptops, OHP, LCD Projectors, UPS, Printer, Scanner, White boards and 24 hrs Internet connectivity to effectively conduct instructional activities in the teaching-learning process. 3) University organizes and encourages the participation of students, scholars in various programs, like workshops, seminars, symposia, guest lectures, conferences in order to update their knowledge in thrust areas. Besides the course curriculum all the departments encourage their students to participate in extracurricular activities by conducting sports and NSS activities and enable them to gain awareness about the importance of environment, human values, professional ethics and gender equality. 4) University conducts coaching classes for the students appearing competitive examinations, Viz, UGC, CSIR, ICMR, NET, APGET, BSRB, APPSC, SSC, Police Recruitment Examination, RRB, through Career Guidance cell by providing exposure on current affairs, communication and technical skills, reasoning and personality development, etc., 5) Department of Business Administration and Computer Applications, in collaboration with Andhra Pradesh State Skill Development Corporation (APSSDC) organized intensive training on personality development and Talley to promote entrepreneurship. 6) University has adopted participative, experiential learning and problem solving

methodology through Field trips, industry visits and educational tours. Teaching and testing are inseparable entities hence the University considers evaluation as a significant parameter which reflects the credibility and credence of the University.

Curriculum Development

1) Curriculum has been revised following the guidelines of UGC with due emphasis on employability and skill development. University has adopted CBCS (in UG, PG, Integrated Degrees) from 2015-16 onwards to and fine tune the curriculum as per the global standards. 2) Fine Arts Department is offering a four year BFA course and one year PG Diploma in Theatre Arts, will enable students to nurture their hidden talent. 3) University constituted BOS for all departments strictly adhering to the UGC guidelines and provides the necessary framework for the curriculum design. The BOS includes the faculty of departments, 2 to 3 subject experts from other Universities, one student representative from the outgoing batch, one expert from the industry/ Research Institutes headed by Chairperson, BOS. 4) The curriculum is designed keeping in view of the relevance of core and interdisciplinary areas considering the contemporary societal needs. University has introduced one non-core paper in both II and III semester, where the students are allowed to choose the respective interdisciplinary papers offered by other departments. 5) While designing the curriculum, the feedback from the outgoing students, alumni and also subject experts who visits the campus for academic purposes, will be duly considered.

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

E-governance area	Details
Planning and Development	<p>Yogi Vemana University aimed to promote and bring rural masses into the main stream of the society. It is intended to equip rural students to face future challenges and make them responsible citizens of India. Considering the vision and mission, the University has been effectively implementing the programmes, which include: 1) Strengthening ICT based infrastructure 2) Improvising pedagogical practices keeping in view</p>

the rural and linguistic background of the students and providing them necessary academic support through mentor-mentee concept. 3) Improving library facilities and resources and making them accessible to the students for purposeful use. 4) Conducting seminars and conferences to provide insights on research avenues and career opportunities for the students in their respective fields. 5) Computer aided language lab facility for rural students to improve their English language skills. 6) Encourage active participation of students in NSS activities to inculcate sense of social responsibility. 7) Providing best possible sports infra-structure to promote sports talent among the students and research scholars. 8) YVU Sports Board has organised All India Inter University Soft Ball Men Tournament, 76 Universities participated from all over India. Yogi Vemana University has won three gold medals in Power lifting and also in softball Men from Indian National Sports. 9) Creating employability opportunities through improvising student's skills in fine arts, journalism and other courses. 10) University in association with NSS Cell organised special activities like State Level NSS awards/FDP, training of employability skills, awareness program on Disha Act, Drug De-addiction. 11) Established world largest leaf Victoria-Rizia, a very rare species growing in YVU Botanical Garden. It is a pride of Botanical Garden that the leaf bearing capacity approximately 20-40kgs, 12) Miyawaki forest- a high density forest developed in 10 acres around the new Arts block in collaboration with District Forest authority.

Administration

1) Yogi Vemana University has taken suitable measures towards office automation. 2) Digital modules have been developed for important wings of the University namely examination branch and College Development Council for documentation and processing of correspondence. 3) Students have hassle free access for remittance of fee, because State Bank of India Branch is located in the campus. University sends official circulars through emails and carryout official correspondence

through mails to the extent possible as a part of Go green initiatives. E-tender method of procurement of items/equipment through University website. 4) Administration is carried out in accordance with the existing rules and regulations laid down by the Government/University and crucial decisions are made by placing the matters before Executive-Council and with its due approval. 5) Transparency is ensured in day-to-day administration and vital decisions are taken with due consultation with the stake holders concerned purely in the interest of University welfare. 6) The University has initiated promoting digital correspondence for day-to-day official transactions. Here are some: practices in the University where in optimum use of information technology is encouraged, all the notices are displayed in the University website for the benefit of students/stake holders and separate user friendly web portals for admissions, examination section and College Development Council. 7) The University follows biometric system of attendance. 8) All the departments of the University connect with their alumni through digital sources. 9) With the encouragement of administration, most of the departments organized seminars/workshops/ symposia to bring awareness on latest developments in research as well as conservation of extinct species, living fossils, preservation of manuscripts. 10) YVU administration permitted the NSS cell to conduct special camps, out of 90 units 72 units were selected and sanctioned the special camps by adopting more than 100 villages. 11) A special park-Gandhi Park has been established in the campus in the of 150th Birth Anniversary celebrations of Mahatma Gandhi. 12) During the COVID-19 pandemic, University administration in coordination with NSS cell distributed rice, oil, vegetables, dall, wheat flour, soaps fruits sanitizers and masks to the needy in time-to-time 13) Conducted awareness programmes on health issues, overcome the stress, preventive measures, hygiene, nutritional tips to boost immunity to fight against the virus. 14) Department of Psychology conducted counselling

	<p>programme for a three months to overcome the stress.</p>
<p>Finance and Accounts</p>	<p>1) university has payroll software system for salary disbursal. Students deposit their admission fee and Examination fee through online 2) All the University accounts are audited by the State Audit Department and AG's office personnel from time to time. University strictly follow the guidelines laid down by the Government to purchase Instruments/Chemicals/Equipment/other items to undertake civil and electrical works. 3) Registrar of the University and Coordinator Finance work cohesively to ensure proper maintenance of accounts, ledgers and files. 4) Effective maintenance of NPS and GPF accounts for staff. Judicious use of project funds as per the norms prescribed by funding agencies and University.</p>
<p>Student Admission and Support</p>	<p>1) Directorate of Admissions (DOA) monitors and conducts the admission process which is very transparent and merit based. 2) Admission process is meticulously carried out in compliance with the rule of reservation. Office of the Scholarship section facilitates in the processing of scholarship applications. 3) Conduct of coaching classes for competitive exams under the supervision of Equal Opportunity Cell. Students Grievance Cell is constituted to address the student issues and seek remedy in consultation with University authorities. 4) Offering counselling services for the students by faculty from Department of Psychology. 5) Anti-ragging squads constituted to check and prevent ragging in the campus. Women Cell to examine gender related issues and deal with harassment cases, if any. 6) Students of Fine Arts Department achieved South Zone over all Championship in visual arts at South India Inter University Youth Festival held at Karaikudi organised by Alagappa University in December, 2019. Students achieved 2nd place in Poster painting and Installation at National Inter University Youth Festival organised at Amity University, New Delhi.</p>
<p>Examination</p>	<p>1) Display of examination related information on official web page. Communicating with the Principals of</p>

affiliated colleges about the academic calendar, examination and fee payment schedules through emails. 2) Separate web portal for examination section for payment of examination fee and publication of results. 3) Preparation of nominal rolls, full proof bar-coded answer booklet with name, photo and details of the examinee using digital technology. 4) Tabulation and processing of marks using digitalized and to minimizing manual errors and to ensure punctuality. 5) Online processing of Ph.D. adjudication related correspondence. Processing of submitted Ph.D. thesis through anti-plagiarism Turnitin software. 6) Issuing of tamper proof certificate with University emblem embossed. Convocation services for the students made online.

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
2019	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)
2019	Five day faculty de velopment programme on Rural immersion and community engagement " conducted by Mahatma Gandhi National council of	Nil	02/07/2019	06/07/2019	50	Nil

Rural Education (MGNCRE) in Collaboration with NSS, Yogi Vemana University, Kadapa

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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
Refresher Course on Advances in Materials Science and Applications	2	15/07/2019	27/08/2019	13
Faculty Development Programme on Rural Immersion and Community Engagement	33	02/07/2019	06/07/2019	5
Refresher Course in Commerce and Management Studies	2	14/10/2019	26/10/2019	13
National Level online FDP on Post Covid 19 Challenges and Opportunities for Indian Business	2	13/05/2020	19/05/2020	7
National training workshop on Techniques in Molecular Biology with a special emphasis on Virology	1	10/02/2020	16/02/2020	7
Faculty Development Programme on	9	25/05/2020	30/05/2020	6

Technology assisted teaching and virtual learning through ICT tools				
Refresher course in Life Sciences	1	09/12/2019	21/12/2019	13
Refresher Course in Environmental Sciences	2	23/12/2019	05/01/2020	14
Drug and drug delivery Research: A Recent Advancement	1	05/12/2019	18/12/2019	14
Refresher course in MOOCs/OERs	1	10/10/2019	23/10/2019	14

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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
<p>1) GIS, GPF, CPS/NPS Schemes. 2) Child Day Care Centre is available, which functions under the aegis of the Women cell. 3) Grievance Redressal cell is established. 4) Teachers association exists to represent their problems if any and to seek proper remedy.</p>	<p>1) GIS, GPF, NPS/CPS/ESI Schemes. 2) Festival advance given to the staff based on their basic pay without levying of interest.</p>	<p>1) Career Counseling, Placement, Canteen, GYM, Health center with 24x7 availability with Doctor and para medical staff, Free medicines and medical check-up and ambulance facility is available in the campus. 2) Health camps conducted regularly. 3) Recreation rooms in hostels. 4) Dean, Student Welfare is appointed to handle all student related issues. 5) Two Internet browsing centers available, WiFi facility at Hostels and academic blocks. 6) Grievance redressal cell, 7) Mentor mentee facility, 8) Anti-Ragging committee and campaigns.</p>

6.4 – Financial Management and Resource Mobilization

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

1) The University has a mechanism for post audit of accounts by the external audit. Besides, whatever the expenditure connected to the payment from the grant received from State Government and UGC is audited by External audit. 2) Regarding the Financial Audit, the audit team deputed by the Government visits the University and scrutinizes the accounts. 3) State audit of A.P is a authority to audit all the University Accounts. 4) The audit team verifies all the stock registers, cash books, vouchers and statements of expenditure. 5) Any errors/mistakes/omissions identified by the audit team are addressed and precautionary steps are taken to avoid recurrence of such errors in future. 6) For the disbursement of the payments exceeding Rs.5.0 lakhs, University administration shall obtain the permission from the Executive Council. 7) Pay fixation of staff is made only after pre-audit from the state audit department and approval of the Executive Council.

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
Donations	4250000	Gold medals to meritorious students
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6.4.3 – Total corpus fund generated

4250000

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Executive Council of Yogi Vemana University and External Peer Review Team	Yes	IQAC, Yogi Vemana University
Administrative	Yes	State Audit, Dr. YSR Kadapa District	Yes	Finance Office (i/c) and Registrar

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

1) University encourages the colleges to run in their own premises. 2) Colleges insisted to appoint the Teaching /Non-Teaching staff as per the regulations and work load. 3) Colleges are encouraged to apply for permanent affiliation by fulfilling all the requisites. 4) Uploading the data on AISHE by all the affiliated colleges made compulsory. 5) University encourages the colleges to get 2f and 12b status from UGC and obtain the NAAC accreditation.

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

1) Parent – Teacher association organizes meeting to discuss and evaluate the academic standards and performance of the student periodically. 2) Parent

teacher interaction helped to obtain the feedback and seek remedial measures. 3) Parent - Teacher association suggests the University to periodically revise the curriculum as per the needs of society. 4) Parents requested the University to conduct online classes to the PG students in view of the COVID-19 pandemic.

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

1) Lab technicians are provided training in maintenance of sophisticated instruments and lab equipment. 2) Computer skills are imparted by organising workshops and awareness programs. 3) Orientation Program on office procedures

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

1) Streamlined the current practices of obtaining feedback and other stake holders by contemplating suitable strategies. 2) Science departments are encouraged to submit proposals to DST for financial assistance under FIST programme. 3) Digitization of both Dr. A.P.J. Abdul Kalam Central Library and C.P. Brown Library has been initiated and required infrastructure has been augmented. 4) Student course enrolment ratio has been improved and a special care has been taken to improve student-Teacher ratio by appointing more numbers of teaching staff (Academic Consultants). 5) Health care facilities have been improved by providing additional facilities and medical staff to the University Health Centre.

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
2019	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
Power walk	04/03/2020	04/03/2020	108	62
International Literacy Day: Women Literacy Promotion	10/09/2019	10/09/2019	312	425
Savitri Bai Phule Birth Day	04/01/2020	04/01/2020	220	165
International Womens Day: I am Generation	07/03/2020	07/03/2020	275	355

Equality: Realizing Women's Rights				
International Mothers Day	09/05/2020	09/05/2020	135	42
National Girl Child Day: Save Girl Child	24/01/2020	24/01/2020	55	25
National Womens Day	15/02/2020	15/02/2020	58	27

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
<p>Solar Power Plant (Renewable Energy Source) - University has come up with a 950 KW Solar Power Plant to meet the total energy demand and make it "Green Campus" in partnership with DISCOM. PPA agreement was signed between 1) M/s SWelect Energy Systems Limited, Chennai, 2) Yogi Vemana University, Kadapa and 3) NREDCAP. As per this agreement, M/s SWelect Energy Systems Limited, Chennai has setup this plant comprising of Solar PV panels and inverters in 4 acres land beside the University buildings in the year December 2017. The above firm has agreed to operate and maintain for next 25 years. University is generating solar power for self consumption and feeding excess power into the DISCOM network.</p>

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	2
Provision for lift	Yes	Nil
Ramp/Rails	Yes	2
Braille Software/facilities	Yes	Nil
Rest Rooms	Yes	2
Scribes for examination	Yes	Nil
Special skill development for differently abled students	Yes	Nil
Any other similar facility	Yes	Nil

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
2019	5	3	02/07/2019	5	Rural immersion and	3	40

					community engagement		
2019	1	1	24/07/2020	1	Rally Conducted awareness programme on Environment pollution protection	1	717
2019	1	1	25/07/2019	1	Awareness programme on Jal shakti Abhiyan -Focused on water conservation	1	585
2019	1	1	13/08/2019	3	Cleaning and Plantation near Gukulam Buildings, Play fields and Science Block in YVU Campus	3	720
2020	5	5	19/02/2020	7	Cleaning, Plantation, Importance of Girl child and their education, Health care, Importance of water and Environment	5	105
2020	6	6	01/02/2020	39	All the NSS Units as part of their regular a	6	940

					activities in the adopted villages and in YVU Campus conducted Clean and Green Programme, Awareness on Health and Hygiene, Importance of Education, awareness on Girl child education and their protection		
2020	1	1	06/03/2020	117	COVID 19: NSS Cell, YVU - awareness program on COVID 19	1	475
2020	1	1	13/04/2020	1	distribution of essential commodities and face masks	1	125
2020	1	1	04/05/2020	1	distribution of 500 combo vegetable packets to 500 families in adopted village Yellatur	1	35
2020	2	2	27/04/2020	2	distribution of essential commodities , food	2	50

packets,
water
packets
to
homeless
people,
truck
drivers,
and needy
people

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

Title	Date of publication	Follow up(max 100 words)
Code of Conduct for Teaching and Non-Teaching staff	01/07/2019	The Teaching Staff and Non-Teaching Staff were advised to follow the Code of Conduct mentioned in the University by laws which was supplied at the time of their entry. Change of any Code of Conduct is intimated from time to time. For more details please visit: http://www.yogivemanauniversity.ac.in/downloads.php
Code of Discipline for Research Scholars	01/07/2019	The hand book is given to all the Research Scholars of YVU at the time of admission. For more details please visit: http://www.yogivemanauniversity.ac.in/downloads.php
Code of Discipline for Students	01/07/2019	The hand book is given to all the students of YVU at the time of admission. For more details please visit: http://www.yogivemanauniversity.ac.in/downloads.php

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
World Environment Day	05/06/2019	05/06/2019	950
World Blood Donars Day	14/06/2019	14/06/2019	654
Drug De Addiction	26/06/2019	26/06/2019	1348
Independence Day	15/08/2019	15/08/2019	1636
Gandhi Jayanthi	02/10/2019	02/10/2019	885
World Aids	01/12/2019	01/12/2019	884

National Voters Day	25/01/2020	25/01/2020	450
Republic Day	26/01/2020	26/01/2020	1271
Martyrs Day	30/01/2020	30/01/2020	1047
Mathrubhasha Dinostshavam	21/02/2020	21/02/2020	115
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1) University in association with NSS created an awareness among the society with the four magic words "Reduce", "Reuse", "Recycle" and "Rethink" by displaying signboards in various places of the University. 2) Awareness program on conservation of wild life focus on Snakes was organised by NSS Cell. 3) Organic waste management system in the hostels to treat the sewage generated from kitchens that is used as manure in gardens. 4) Tree plantation is carried out during monsoon period every year to plant new or to replace the deceased plants. In collaboration with NSS, all the departments are involved in plantation to make campus green. To bring awareness to the Students University has organized Earth Day and Ozone day. 5) E-waste management: e-waste generated is collected and sent either to an e-waste dealer or to the collection point prescribed by pollution board. 6) NSS volunteers actively participate in various extension activities and Special camps such as ODF Campaigns, Environmental awareness, Save Water, Save Plants and programmes announced by the Government time to time. 7) University faculty and students believes in walk, use of University and public transport and Car pool system. 8) Organic waste management system in the hostels to treat the solid waste generated from kitchens that is used as manure in gardens. 9) Campus is illuminated with LED lights in the place of filament bulbs. Buildings of the campus are with double height which reduces the use of air conditioners. 10) CRT monitors being replaced with LCD/LED Monitors. 11) Department of Fine Arts organized a campaign on making of eco-friendly Ganesha (Clay Ganesha).

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE 1 - COVID-19 SUCCESS STORIES The Yogi Vamana University, Kadapa district, the NSS Coordinator, NSS POs and Volunteers are actively working in the lockdown period on various awareness programs and rendering services to the needy people of Kadapa district. Kadapa District Collector has appointed the NSS program Coordinator of Yogi Vemana University, Dr. A. Madhusudhana Reddy as Kadapa District Nodal Officer to deploy the NSS Volunteers to work on COVID19 service activities in the District. The NSS Coordinator released COVID 19 Awareness Posters on 6 March 2020 and has organized awareness programs to the PG, UG and Intermediate colleges' students of the Kadapa district in the class room itself with help of NSS POs and Experts. The NSS Program Coordinator has deployed 95 numbers of NSS POs and 385 NSS Volunteers to work on COVID 19 Service activities as on today. The Coordinator has attended 3 numbers of training online meetings and arranged 2 numbers of ZOOM meetings on COVID 19 to POs and Volunteers, one webinar organized. A total of 75 numbers of NSS POs Trained in the Kadapa Dist. The Coordinator, POs and Volunteers are rendering good services to Kadapa district people. Various services like Quarantine areas, markets places, helping police, serving poor, roadside assistance, daily labors, creating awareness in villages and creating awareness in social media on Corona virus, helping food distribution and food preparation, distributing essential commodities, Vegetables to back ward areas especially SC ST colonies, awareness on social distances and also some women Volunteers are preparing face

masks. The NSS volunteers are also serving in their adopted villages and so far, worth of more than Rs. 8.0 Lakhs service works done. The coordinator has conducted online awareness quiz on COVID 19 and the participants have received online certificates. So far 350 members have been participated. YVU NSS released a video song on COVID 19 awareness. The NSS Service programs on COVID 19 were very well appreciated by Kadapa District Authorities, NGO's and public.

a) COVID-19 Awareness through Wall Paintings in Adopted Villages and Public Places by Soma Sekhar, NSS Volunteer, YVU: Mr. Soma Sekhar has started COVID-19 awareness among the people by using his brush. He has adopted remote villages and places in Kadapa, Anantapur and Karnataka border villages for COVID-19 awareness campaign and around he visited 100 villages and painted 250 wall paintings in 16 days. These wall paintings have showed a remarkable influence on villagers and created awareness on COVID-19 prevention.

b) DISTRIBUTION OF ESSENTIAL COMMODITIES TO THE NEEDY PEOPLE Yogi Vemana University NSS cell Program Coordinator has organized distribution of essential commodities and Face Masks to the 95 temporary workers (Sulab, gardeners, security, watchmen's and daily wage labors) working in the University. The program inaugurated and essential commodities distributed by Prof. M. Surya Kalavathi, Vice-Chancellor, Yogi Vemana University at 11:00 am on 13-04-2020 in the Administration Block and she said that due to lockdown NSS cell has arranged 15 varieties of daily commodities to temporary employees. The NSS Program

coordinator Dr A Madhusudhana Reddy, said that the total worth of Rs. 80,000 spend for this program and the program sponsored by YVU NSS cell. The Registrar of YVU, Prof D Vijaya Raghava Prasad has given awareness instructions on Corona virus and its problems to the all attendees. In this program Rector Prof M R K Reddy, and Principal Prof G Sambasiva Reddy, and Vice principal, NSS Pos, Volunteers and others staff attended. On 4th May 2020 around 500 numbers of combo vegetable packets were distributed to the Yellatur village near Y. V. University.

The was sponsored by Sahasra Organization Reddy Sekhar Reddy, Yellatur and RMP Doctor Reddy Basha. Nearly 500 families benefited worth of Rs. 20, 900. YVU NSS PO Dr. N. Venkatarami Reddy, supervised the program. NSS Cell Yogi Vemana University and Manavatha NGO organized the programme, distribution of essential commodities to 200 municipal workers in Kadapa town on 29th April, 2020. The program inaugurated by Yogi Vemana University Vice Chancellor Prof M Surya Kalavathi and Registrar, YVU NSS cell Coordinator. The program was sponsored by M Sridhar Reddy, Ontimitta. Nearly 200 families benefited worth of

Rs. 40,800. YVU NSS PO Dr. Neelaveni supervised the program. c) FOOD DISTRIBUTION On 29th April 2020, Government Junior College for Girls Kadapa, NSS Programme Officer Sri L.Chandrasekhar Reddy and NSS volunteers, prepared and supplied Egg Biryani for more than 50 Corporation workers at Kadapa town. During the lockdown period i.e., on 27th April 2020, Smt. Peddireddi Neelaveni, NSS Programme Officer, Govt. Junior College for Girls Kadapa, has distributed 200 food packets to homeless, truck drivers, daily wagers and police, who were working hard in this crucial period with the cooperation of Manavatha Voluntary Organization. BEST PRACTICE 2 - Utilization of solar energy for cleaner energy generation via photocatalytic hydrogen using H₂S containing wastewater:

Department of Materials Science and Nanotechnology is committed for design, development and functionalization of nano structured materials for energy, environment and healthcare applications. Researchers developed several highly efficient photocatalysts for enhanced rate of hydrogen production under solar light irradiation. The research team have multi- institutional collaboration to develop and tested the photocatalysts for enhanced hydrogen production. As part of technological up-gradation the developed Cu₂S/TiO₂ core-shell photocatalysts tested for hydrogen production utilizing sulphide containing wastewater from domestic sewage treatment plant. The result showed developed core/shell material is highly stable under experimental conditions and un-interrupted hydrogen production compared to earlier reports. In order to achieve the above results, the researchers optimized reaction parameters for synthesis of

photocatalysts and hydrogen generation as well. The outcome of the results is published in high impact factor journal Applied Catalysis B: Environmental.

Major highlights of the research as follows: ? Adsorption mediated process exhibits high photocatalytic H₂ evolution. ? Cu₂S@TiO₂ photocatalyst achieved 2.1 and 4.5 folds higher than pristine materials. ? Quantum efficiency of 48.6 at ? 768.6 nm achieved at optimized conditions. ? Reproducible H₂ generation recovered from sulphide containing wastewater. ? Surface-interface properties of photocatalyst triggered enhanced H₂ production.

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

<http://www.yogivemanauniversity.ac.in/downloads/BestPractices201920.pdf>

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

The mission and vision of University is primarily committed to the noble cause of higher education by creating a curriculum in tune with societal needs, cherished ethical values, self-realisation through intellectual and spiritual quest and firmly believes the following: 1) The Mentor-mentee programme which created a positive wave among the student community as it provides a valuable support in learning, practical advice, encouragement support empowered to make decisions, communication and personal skills, strategies for dealing both personal and academic issues, in identifying goals and establishing a sense of direction into the next stage of career. 2) University took utmost care in designing and executing the course curriculum-based on the general and specialized education enabling the students productive, live-humane, skill oriented, field-based education and inter disciplinary aspects. 3) A state-of-art-RUSA instrumentation facility has been established with sophisticated instruments like GC, SEM, Electrochemical work-station, nano-drop, UTM, E-CAD and Liquid Nitrogen facility for encouraging the faculty and young researchers to meet the global research and technology. 4) YVU is known for active research in emerging areas like Nano-Materials, Cancer Research, Lung-infections, Biofuel Production, Bioremediation, Environmental Pollution, Tissue Culture, Aquaculture, Atmospheric Science, Thin Films, Reproductive Toxicology, Taxonomy, Mushroom Cultivation etc. and wish to continue the research tempo by having constant help from various national and international agencies through MOU's. 5) Eleven number of faculty awarded with Associate fellow by APAS and also bagged biodiversity, literary, entrepreneurship awards from various national agencies. 6) Miyawaki-high density plantation programme is in progress by Social Forestry to grow variety of plants with the support of Govt. of AP. 7) DPSS has organized All India Inter University Soft Ball Men Tournament with 76 Universities and students of YVU bagged 3 Gold medals in Powerlifting and Softball. 8) Department of Fine Arts has conducted a rare and privileged National Level Art Camp in association Lalith Kala Akademi, Department of Culture, New Delhi, Government of India. Moreover, Fine Arts students owned South Zone over all Championship in visual arts at South India Inter-University Youth Festival held at Karaikudi and qualified to participate National Inter-University Youth Festival organised at Amity University, New Delhi in association with UAI. 9) University Placement Cell, Grievance Redressal Cell, Equal Opportunity Cell, Women Cell, IQAC in association with NSS Cell organised special activities, camps like State Level NSS Awards function, MGNRE-FDP, training of trainee on employability skills, awareness on superstitions and snakes, Disha Act and Drug De-addiction. 10) The motto of NSS "not me but you" truly observed in YVU ensured by adopting 100 villages by 72 units. Conducted activities like Blood Donation, Health and Hygiene, Mal-Nutrition, Swatch-Bharat, Distribution of Sanitary Towels and Plantation. 11) Gandhi-NSS park was

inaugurated as a mark of respect to Mahatma Gandhi on his 150th Birth-Anniversary Celebrations. Faculty and students vigorously joined in Monsoon Vana Mahostavam programme for distributing and planting 5000 saplings. 12) The pride of YVU Botanical Garden the world largest leaf Victoria rizia with a bearing capacity approximately 20-40kgs.

Provide the weblink of the institution

<http://www.yogivemanauniversity.ac.in/downloads/DistinctivenessofYVU201920.pdf>

8.Future Plans of Actions for Next Academic Year

[1] Registration of the University Alumni Cell as per the NAAC guidelines. [2] Green and Environmental audits through registered external audit agencies. [3] Encourage the faculty members to submit their application for meritorious awards with recognised societies only. [4] incentives to faculty members for their national/international awards in teaching and research. [5] Introduce reimbursement of membership fee in professional bodies [6] Appointment of adjunct faculty from elite institutions in India and abroad. [7] ISO certification to Yogi Vemana University (a) General (b) Environmental [8] Bio-gas plant set-up for food waste recycling [9] Encourage the faculty members to interact with industry expert for joint project. [10] Expansion of library facilities with more e-resources.