



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

Part A	
<b>Data of the Institution</b>	
<b>1. Name of the Institution</b>	SIR PADAMPAT SINGHANIA UNIVERSITY
Name of the head of the Institution	Shrihari Honwad
Designation	Vice Chancellor
Does the Institution function from own campus	Yes
Phone no/Alternate Phone no.	02957-226095
Mobile no.	9897620624
Registered Email	shrihari.honwad@spsu.ac.in
Alternate Email	vc@spsu.ac.in
Address	Sir Padampat Singhania University NH-76, Bhatewar, Udaipur, Rajasthan
City/Town	Bhatewar
State/UT	Rajasthan
Pincode	313601

<b>2. Institutional Status</b>	
University	Private
Type of Institution	Co-education
Location	Rural
Financial Status	private
Name of the IQAC co-ordinator/Director	Amrit Ghosh
Phone no/Alternate Phone no.	02957226095
Mobile no.	9571097977
Registered Email	iqac.coordinator@spsu.ac.in
Alternate Email	amrit.ghosh@spsu.ac.in

<b>3. Website Address</b>	
Web-link of the AQAR: (Previous Academic Year)	<a href="https://hcfdisrhnz09ku2w65vska-on.drvtw/www.spsuiqac.com/">https://hcfdisrhnz09ku2w65vska-on.drvtw/www.spsuiqac.com/</a>
<b>4. Whether Academic Calendar prepared during the year</b>	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	<a href="https://www.spsu.ac.in/academic_Calendar">https://www.spsu.ac.in/academic_Calendar</a>

<b>5. Accrediation Details</b>					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.09	2020	11-Mar-2020	10-Mar-2025

<b>6. Date of Establishment of IQAC</b>	17-Aug-2020
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<b>7. Internal Quality Assurance System</b>
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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
First external meeting of	12-Dec-2020	21

IQAC	1	
National Youth Day Celebration on Web	11-Jan-2021 1	52
Feedback from stakeholders (students, their parents and industry personnel)	06-Feb-2021 3	19
First alumni interaction on virtual MS Team platform	10-Apr-2021 3	100
Second external meeting of IQAC	24-May-2021 1	25
<a href="#">View File</a>		

**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
Not Applicable	Not Applicable	Not Applicable	2020 0	0
No Files Uploaded !!!				

**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

2

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

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

1. Implementation of Active learning Components in its advanced mode of operation. 2. Five Research Group Project (Energy: Design of Micro grid Controller for home Environment: Production of Bio Gas in small scale Domestic level Teaching/Learning: OneNote By Mrs. Poonam Saini and Open Broadcaster Software (OBS) by Dr. Anand A Bhaskar and Prof. Shibani Banerjee (as per activities) AI/ML: Training will be taken by the associated faculty members from

Department of CSE). A project has been submitted from the Research Group by Dr. Radhika Chandankere, Assistant Professor, Biotechnology Department. 3. School Of Management started an active discussion on matters related to publishing in ABDC journals, started critically analyzing published articles in ABDC journals on a weekly basis and the end result is the first ABDC Journal publication from SOM. We expect the quality would improve. 4. Centre For Excellence: Proposed Centre of Excellence for AI/ML Biotechnology (Generalized). 5. Student Feedback (from 06/02/2021 to 17/02/2021).

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

Plan of Action	Achivements/Outcomes
curriculum redesigned	The program implementation is going on as per continuous process and the result will be achieved gradually.
<a href="#">View File</a>	

**14. Whether AQAR was placed before statutory body ?**

Yes

Name of Statutory Body	Meeting Date
Academic Council	25-May-2021

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

No

**16. Whether institutional data submitted to AISHE:**

Yes

Year of Submission

2020

Date of Submission

25-May-2020

**17. Does the Institution have Management Information System ?**

Yes

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

Sir Padampat Singhania University conducts regular audits and discourages for cash transactions to ensure a fully secured financial transparency. Software solutions have been adopted for all major academic, administrative and auxiliary functions of the University are enlisted below. Proper access is provided to all major

stakeholders to ensure complete transparency into those systems. They are as follows. 1. Staff Biometric (For Teaching Nonteaching Staff Attendance), 2. Leave Management System, 3. Student Attendance System, 4. Library Automation System, 5. Tally Software 9.0, 6. Saral TDS Institutional - v14, 7. Mettle (For Entrance TestSPSAT), 8. Mess Management System, 9. Outpass System (For Student Outing), 10. Project Endeavor and Mentorship Portal, 11. Examination System.

## 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
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

Programme/Course	Programme Specialization	Dates of Introduction
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

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
BTech	BT	08/11/2019
BTech	CE	08/11/2019
BTech	ECE	08/11/2019
BTech	ECE-IoT	08/11/2019
BTech	EE	08/11/2019
BTech	ME	08/11/2019
BTech	ME-Robotics	08/11/2019
BTech	MIE	08/11/2019

BBA	BBA	08/11/2019
MBA	MBA	08/11/2019
Mtech	CSE	08/11/2019
Mtech	ECE	08/11/2019
Mtech	EE	08/11/2019
Mtech	ME	08/11/2019
Mtech	CE	08/11/2019
Mtech	Mining	08/11/2019

### 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
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	No
Teachers	No
Employers	No
Alumni	No
Parents	No

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

Feedback Obtained
The feedback is passed back to HoDs of the respective department for further investigation and analysis to improve the overall structure and content of the curriculum. The Head of the Department discuss the plan and execute at the department level, and report back in the next academic council meeting. The registrar is the main reporting authority to the chairman academic council.

## 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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

### 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	288	75	56	Nil	56

## 2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File of ICT Tools and resources</a>					
<a href="#">View File of E-resources and techniques used</a>					

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

At SPSU students are mentored by their faculty member/s. Students mentoring needs may arise from very simple matters like selection of electives, registration to respective credits or more complicated like career counselling etc. Each faculty member is the mentor of a group of 5 to 10 students. First year students generally have mentors from the departments teaching Basic Engineering Science and second, third, fourth year students have mentors from the parent department. The mentor performs the following functions however these are not limited to this list. A mentor can always do more for the benefit of the students

1. Meet the group of students on weekly basis,
2. Continuously monitor, counsel, guide and motivate the students in all academic matters,
3. Regularly monitor and advice regarding attendance and performance in various institute assessment examination,
4. Contact parents/guardians if situation demands e.g. academic irregularities, negative behavioural changes and interpersonal relations, detrimental activities etc. and
5. Advise students in their career development/professional guidance.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
363	56	1:6

## 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
147	56	92	7	35

### 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
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

## 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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

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
3	301	0.33

## 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)

<a href="https://news.spsu.ac.in/2252-2/">https://news.spsu.ac.in/2252-2/</a>
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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
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

## 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)

<a href="https://drive.google.com/file/d/1ABYDb0fTn5_aigUvXwthRlMW5yCs_HOJ/view?usp=sharing">https://drive.google.com/file/d/1ABYDb0fTn5_aigUvXwthRlMW5yCs_HOJ/view?usp=sharing</a>
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## 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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

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
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		



### 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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

### 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
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

#### 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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

#### 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
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

### 3.4 – Research Publications and Awards

#### 3.4.1 – Ph. Ds awarded during the year

Name of the Department	Number of PhD's Awarded
Electronics Communication Engineering Department	1
Computer Science Engineering Department	3
Mechanical Engineering Department	1
Biotechnology Engineering Department	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)
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

#### 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
<b>No Data Entered/Not Applicable !!!</b>	
<a href="#">View File</a>	

### 3.4.4 – Patents published/awarded/applied during the year

Patent Details	Patent status	Patent Number	Date of Award
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

### 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
<b>No Data Entered/Not Applicable !!!</b>						
<a href="#">View File</a>						

### 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
<b>No Data Entered/Not Applicable !!!</b>						
<a href="#">View File</a>						

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

Number of Faculty	International	National	State	Local
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

## 3.5 – Consultancy

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

Name of the Consultan(s) department	Name of consultancy project	Consulting/Sponsoring Agency	Revenue generated (amount in rupees)
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

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

Name of the Consultan(s) department	Title of the programme	Agency seeking / training	Revenue generated (amount in rupees)	Number of trainees
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

## 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
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

**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
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

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
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

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
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

**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
10	8

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
<b>No Data Entered/Not Applicable !!!</b>	

[View File](#)

## 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
<b>Knowledge Resource System</b>	<b>Fully</b>	<b>3.1</b>	<b>2014</b>

### 4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
<b>Text Books</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>Reference Books</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>
<b>e-Books</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

[View File](#)

### 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
<b>No Data Entered/Not Applicable !!!</b>			

[View File](#)

## 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
<b>Existing</b>	<b>254</b>	<b>9</b>	<b>254</b>	<b>6</b>	<b>0</b>	<b>40</b>	<b>13</b>	<b>1</b>	<b>0</b>
<b>Added</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Total</b>	<b>256</b>	<b>9</b>	<b>254</b>	<b>6</b>	<b>0</b>	<b>40</b>	<b>13</b>	<b>1</b>	<b>0</b>

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

**1 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
<b>Yes</b>	<a href="https://web.microsoftstream.com/video/270f623e-b5c0-4742-a6c7-8efba6ccff0f">https://web.microsoftstream.com/video/270f623e-b5c0-4742-a6c7-8efba6ccff0f</a>

## 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
11100000	11027853	11500000	11404440

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)

1. The inventory of the available physical facilities should be maintained and updated by the respective Heads of the Department (HoD)/ Officer In-Charge (OiC) of the Unit. 2. At the beginning of each semester, the HoDs/ OiCs shall check the physical facilities of the department/unit and identify any repair/maintenance that may be required for smooth functioning and operation of the physical facilities. 3. After identification of required repair/ maintenance, the HoDs/ OiCs shall obtain estimate(s) from vendor(s) to carry out the repair/maintenance work. 4. All such proposal(s) along with the estimates should be forwards to their Controlling Officer(s) for approval. 5. After obtaining the approval, the HoDs/ OiCs shall place the work orders and oversee the accomplishment of the work. 6. The HoDs/ OiCs shall take necessary approval from their Controlling Officer for Annual Maintenance Contracts (AMCs) for all the equipment/instruments under their disposal and their renewal , wherever applicable. 7. For each equipment/ instrument a log-book should be maintained. All the users of the equipment/ instrument should be instructed to fill-in the log-book after its use and should be monitored by the HoDs/ Officer In-Charge. 8. Any malfunctioning of the equipment/instrument observed during operation should be immediately brought to the notice of the HoDs/ OiCs and the same should be incorporated in the log book. 9. The Project and Maintenance department shall be responsible for the construction, repair and maintenance of the physical structures of the university. 10. The Head, Administration shall be responsible for the maintenance and up-keeping of the lawns, tree plantations, gardens, green house etc. 11. The Head, Administration shall be responsible for maintenance and up-keeping of the vehicles of the university. 12. A proper system should be developed, for receiving and complying complaints about repair/maintenance required in the physical facilities, from the students and employees. All complaints should be addressed to the Head, Administration. Head, Administration shall be responsible for carrying out all repair/maintenance work within the campus.

<https://drive.google.com/file/d/1eWtfWseDvee6PKX2083yBlzAaE8ruicj/view?usp=sharing>

## 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	Nil	Nil	Nil
Financial Support from Other Sources			
a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil

[View File](#)

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
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

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
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

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
<b>Nil</b>	<b>Nil</b>	<b>Nil</b>

## 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
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

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
<b>No Data Entered/Not Applicable !!!</b>					
<a href="#">View File</a>					

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
<b>No Data Entered/Not Applicable !!!</b>	
<a href="#">View File</a>	

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

Activity	Level	Number of Participants
<b>No Data Entered/Not Applicable !!!</b>		

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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
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No Data Entered/Not Applicable !!!

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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)

Not formed.

### 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)

The President is the Head of the Institution. He is assisted by the Registrar, Controller of Examinations, and Deans of different Faculties in all academic and administrative matters. The Board of Management and the Academic Council are the two statutory bodies. The Vice-Chancellor ensures the smooth functioning of the university in the development of management system, implementation of policies framed and for continuous improvement. The Deans provide the administrative academic leadership of the respective schools. All the academic matters are referred through Board of Studies, in which the Dean is the chairperson. After a thorough review, all academic matters are referred to the Academic Council and the final approval is accorded by the Board of Management. The Vice-Chancellor ensures a proper coordination between all statutory bodies of the University. All the academic matters regarding curriculum, lesson plan, question paper and evaluation are discussed in the departmental meeting before forwarding the same to the Board of Studies for its consideration. This process ensures involvement of participative management for better decision-making at all levels. The inputs mentioned from the industry are forwarded to the concerned departments for its consideration and incorporated in the syllabus.

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

Yes

## 6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	A dedicated team for admission of students was formed which was responsible for digital marketing, organizing webinars, Schools Connect Programme, etc. University started Merit and Social Scholarships like Kisan Putra Kisan Putri (KPKP) Scholarship and Scholarships for Economically deprived candidates.
Industry Interaction / Collaboration	Training Placement cell has registered all the students at university on platforms like TriEdge, OPTARA (of TeamLease) for summer internship, full-time jobs and career development support. Training Placement cell interacted and collaborated with many companies for paid internships to the students amid COVID 19 impact. University also collaborated with the following companies for various academic benefits: a. EcoSol - Design and development of e-cycle b. BMW c. Okinawa.
Human Resource Management	The following initiatives has been taken during last year: a. Vacancies were published through Digital Media b. Interviews were conducted through physical as well as online mode c. Regular sanitization of offices and campus. d. Encouraged Work-From-Home e. Salary was paid on time f. Paid Leave to staff during their quarantine period due to COVID-19 Coronavirus to self or close-knit family members.
Library, ICT and Physical Infrastructure / Instrumentation	The University has a well-stocked, air-conditioned library. It supports the teaching and research activities of the university by facilitating acquisition, organization, and dissemination of knowledge resources, and also providing literary information services to the University community. The following initiation has been taken during last year: a. Total of 58 numbers books purchased and the approximated cost is Rs. 71,900.00 b. Renewal of journal/magazine with an approximate cost of Rs. 31064.00 c. Installation of Institutional Repository DSpace Software.



<p>Research and Development</p>	<p>A policy document Framework for Research and Innovation have been created which provide more clarity on the objectives, execution, and outcomes of research and innovation related activities in the University. To improve the Research and development activities in the University, a due weightage has been given for the indexed publications, Sponsored Projects, Consultancy projects, etc. in the recently developed Faculty Self-Appraisal Proforma. New faculty research groups have been formed to enhance the quality and volume of research.</p>
<p>Examination and Evaluation</p>	<p>All Examinations in the university are conducted transparently. The university has adopted the new Examination / Evaluation policy laid down by UGC for quality improvement in the higher education institutes. The revised evaluation policy is more focused on the internal evaluation having 70 weightage of the total and this have following components Quizzes, Seminar Group Discussion/Active Learning Class Assignment, Home assignments, Attendance and Mid Term Examinations. The remaining 30 weightage is for Final/End semester examinations. University has also adopted the open book examination strategy for one batch of final year students.</p>
<p>Teaching and Learning</p>	<p>Focusing on the all-round development opportunities to the students, we lay emphasis on the latest tools and techniques for imparting and evaluating education in the present covid-19 pandemic. We believe in providing learning solutions which are visible, observable, demonstrable. We are transforming the traditional educational system which is rote learning into practical knowledge which shall provide the learners with lifetime employment opportunities. As suggested by the regulators (UGC and AICTE), we believe in outcome-based education (OBE), which shall transform the education into personalized learning which shall help us in designing instructional models for the student community.</p>
<p>Curriculum Development</p>	<p>A very systematic process for curricula design and development is</p>

followed. The proposal for any change or revision in curricula is offered by a departmental committee. After scrutiny by the Board of Studies, proposals are forwarded for approval by the Academic Council and the Board of Management. The same is reflected in the lesson plans prepared by the faculty members. Delivery of the courses follows the lesson plans which are approved at the departmental level. Course-wise feedback is taken from the students every semester. Feedback of industry on relevant and job-oriented courses is also obtained through various interactions.

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

E-governance area	Details
<p>Planning and Development</p>	<p>During Pandemic Academic Council Meeting and BoM meetings were organized in online mode through MS Teams. Most of the staff members were encouraged to work from home and meetings were organized through MS Teams in online mode using MS Teams platform. Social Media/ Digital platforms were used to interact with the students. All the Notices/ Office orders were circulated to all the students and staff through online mode. University uses different software modules for management of hostel, security, mess, examination and finance.</p>
<p>Administration</p>	<p>a) Online meeting through MS Teams/ Zoom/ Google Meet b) Grievance, if any, were entertained and sorted through online mode. c) CCTV cameras for security and safety of students and staff. d) ICT enabled classrooms e) Biometrics attendance machine is used for attendance. (before Covid-19).</p>
<p>Finance and Accounts</p>	<p>University follows Digital India Programme where it accepts fees digitally via UPI, POS, and Internet Banking. Tally ERP software is used for accounting.</p>
<p>Student Admission and Support</p>	<p>Student admission process is online. It is mandatory to pass online examination (SPSAT) for any student to get admission in first year of UG and PG. Admission Webinars are organized to help candidates/students seeking admissions Name of the Vendor for filling forms: No paper forms (<a href="https://www.nopaperforms.com/">https://www.nopaperforms.com/</a>) Name of</p>

	Vendor for SPSAT examination: Mettle (https://mettl.com/) Further University has a dedicated WhatsApp number and chat box powered by tawk.to for student support.
Examination	Office of the Controller of Examination is completely automated. The entire process of the examination system i.e., Printing of attendance sheets barcodes, uploading of marks, etc. everything is done in online. Bar Codes are used in the answer scripts of all the examinees before the covid-19 pandemic. Marks after evaluation are submitted on the portal and processed for preparation of results. The results are downloaded from the examination portal and posted on the university website. In the pandemic duration, the University conducted examinations in online mode using the proctored examination platform iASSESS. Quizzes and assignments are conducted 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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

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)
<b>No Data Entered/Not Applicable !!!</b>						
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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
<b>No Data Entered/Not Applicable !!!</b>				
<a href="#">View File</a>				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
7	Nil	6	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
1. Providing fully furnished residential apartment. 2. Unlimited Sick leaves. 3. Paid Leave to staff during quarantine period (self or family member's) due to COVID-19. 4. During pandemic, the vegetables and grocery vendors are arranged within the campus.	1. Providing fully furnished residential apartment. 2. Unlimited Sick leaves. 3. Paid Leave to staff during quarantine period (self or family member's) due to COVID-19. 4. During pandemic, the vegetables and grocery vendors are arranged within the campus.	1. Conduction of 2hrs per week sessions for the students on beyond the classroom topics for their all-round development. 2. Conduction of Webinars, talk-shows from renowned industry people, to motivate the students to be entrepreneurs.

**6.4 – Financial Management and Resource Mobilization**

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

Internal Audit SPSU conducts Internal Audit to ensure that all the procedures and guidelines set by the Board of Management are strictly followed while carrying out the transactions. The Internal Auditors also ensures that transactions are carried out in the ERP and participate in the purchases initiated by the respective HoDs/Deans. External Audit The financial documents are externally audited by TANDAN DIWAKAR CO., KANPUR.

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
<b>No Data Entered/Not Applicable !!!</b>		
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

37630220
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**6.5 – Internal Quality Assurance System**

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Not Applicable	Yes	Vice Chancellor and Dean
Administrative	No	Not Applicable	Yes	Registrar

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

Not Applicable.

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

1. Parent – Teacher Association supports in anti-ragging activities 2. Feedback from parents is used to improve teaching learning process 3. Parents also helps in placement activities of University.

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

1. Training on BMW Engines for Technical Assistants of Mechanical Engineering Department 2. JSW Workshop on 22.02.2021 by Aayush Joshi with the staff members and technical assistants of Mechanical Engineering Department 3. Facilitates to enroll in SWAYAM Courses.

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

1. National Youth Day celebration on 12.01.2021 2. An inter-disciplinary electric by-cycle project initiative between ECE/EE, ME Departments of SPSU and ECOSOL, Udaipur 3. First online alumni interaction with faculty members on 10.04.2021.

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
No Data Entered/Not Applicable !!!					
<a href="#">View File</a>					

**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
International women's day celebration: 'nahi means no' workshop	08/03/2020	08/03/2020	35	65

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

Percentage of power requirement of the University met by the renewable energy sources Response: With the vision to promote ecologically sustainable growth SPSU has installed solar panels of 400KW Capacity in the campus. Power requirement met by renewable energy sources: 400 KVA Total power requirement: 500 KVA Renewable energy source: Solar Renewable energy generated and used:

Average: 350 KV Energy supplied to the grid: Average: 155 KW to 250 KW  
 Percentage of Annual lighting power requirements met through LED bulbs (Data 2019) Total Lighting requirements: 50 KVA Percentage of Lighting through LED bulbs: 10 Percentage of Lighting through other sources: 90

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Provision for lift	Yes	Nil
Ramp/Rails	Yes	Nil
Braille Software/facilities	No	Nil
Rest Rooms	Yes	Nil
Scribes for examination	Yes	Nil
Special skill development for differently abled students	No	Nil
Any other similar facility	No	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
<b>No Data Entered/Not Applicable !!!</b>							
<a href="#">View File</a>							

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

Title	Date of publication	Follow up(max 100 words)
Regulations on Academic Matters 2008,(Amended 2020) (Published2008)	06/01/2020	It is consisting of 5 chapters and they are as follows. 1. Chapter I: Introduction 2. Chapter II: Admission, Enrollment and Continuance of Studies 3. Chapter III: Evaluation and Related Matters 4. Chapter IV : Student's Discipline and 5. Chapter V : Regulations for the Award of Scholarships, Fellowships, Stipends, Medals and Prizes. It had been amended on 6th January, 2020.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
<b>No Data Entered/Not Applicable !!!</b>			
<a href="#">View File</a>			

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

1. Green landscaping with trees and plants: Tree plantation camps are organized. Avenue trees, ornamental and fruit trees are planted. About Fifty different types of trees and shrubs cover over one-fourth of campus contributing towards preservation of climate conditions and adding beauty to the campus. Rain water harvesting structures and utilization in the campus is also there. Rainwater flows away as surface runoff. This runoff is being accumulated in artificially created surface water bodies, submerging a land area with adequate permeability to facilitate sufficient percolation to recharge the ground water. SPSU has developed a mechanism wherein water from the entire campus including building roofs is collected and routed through pipelines in open storm drains which is further transferred to open well and pond. This water is used for plantation and raw use throughout the year especially during the month of April May (this being a desert area). This process also helps in increasing.
2. Green waste management initiatives. Three Sewage Treatment Plants of total 450KLD provide manure and water for landscaping. Well laid-out system for waste separation and handling activities is associated with waste management. Proper waste management techniques are adopted for all types of waste. Different colour containers are used to collect recyclable and non-recyclable waste to be disposed accordingly. Solid waste management Solid waste, including household waste is collected in different waste bins according to the category of waste and then disposed separately. Solid waste filled-in different colored containers at the source of collection are moved to the main point of collection everyday, and removed to the disposal site. SPSU has an Incinerator to put in all garbage and maintain cleanliness in the campus. Liquid waste management Waste water including household sewage and runoff is made to undergo sewage treatment to produce an environmentally safe fluid waste stream and a solid waste suitable for disposal or reuse as farm fertilizer. STPs can treat up to 4.5 lakh liters of liquid waste per day. E-waste management Batteries are replaced under buy back schemes. The toners for printers are refilled and reused.
3. SPSU ensures re-use, recycling/disposal by green disposal system. Buildings are designed to use natural ventilation.
4. Green Wi-Fi network devices are installed. Staff is provided laptops instead of desktops. Desktops are enabled with active power management. Virtual machines are created. SPSU purchases energy efficient electric appliances and equipment. Students, staff using bicycles: Students and employees are encouraged to use bicycles and pedestrian friendly roads in campus. Bus facility is provided for commuting between SPSU and the city. Car-pooling is a common practice.
5. Plastic free campus: SPSU discourages the use of plastic bags. Students are trained to make paper bags. No Polythene awareness campaigns are organized to create awareness towards hazardous effects of polythene. Paperless office: Students and employees are encouraged to print on blank side of used papers and print only when most essential. Green printing is set by default. Google collaborative tools are used for official communication and ERP systems are used to avoid paperwork.



## 7.2 – Best Practices

### 7.2.1 – Describe at least two institutional best practices

Best Practices Practice-I 1. Title of the Practice: Industry-Academia Interaction Program 2. Objectives of the Practice: To make the students industry ready by aligning engineering skills with the needs of the industry. The students are exposed to various components of the industry, so that they can have the first-hand experience and make themselves ready for the gainful employment in the industry. 3. The Context: Outcomes of academics often fail to translate into tangible impacts for the companies involved. 4. The Practice: The University has collaboration with industry and the world of academia to make the students industry ready, like CISCO Network Academy and Microsoft IT Academy, Hitachi. Japan, and JK Cement Works, Fujairah, Dubai (UAE). Cisco Network Academy - This academy imparts networking education and prepares students for CCNA and CCNP certifications and readies them for employment into specific engineering roles at Cisco by combining certification education, hands-on experience and exposure. 5. Evidence of Success: Six students have been selected as Cisco Student IT Ambassador (SITA). Two of them are the first Women IT Ambassadors across the world. Three mechanical engineering students were selected for project based internship and one of them was placed in M/s ITC InfoTech in 2012. Twenty one students were selected for project based summer internship at EXXON Engineering Services Pvt.Ltd.in 2011. 6. Problems Encountered and Resources Required Dearth of qualified and industry recognized trainers Non-availability of adequate number of industries in the neighbouring areas of the university having the facilities and willingness to provide students with a platform to gain hands on experience on the concepts learned in class.

Practice-II 1. Title of the Practice: Efficient and reliable Management System 2. Objectives of the Practice: To provide a safe, comfortable, reliable and functional environment for the staff and students of the university by integrating people, systems and technology. 3. The Context: Happy and satisfied stakeholders contribute more productively. 4. The Practice: The management plans, coordinates and implements a broad range of services that allow everyone to work efficiently and effectively. In considering the allocation of space every effort is made to provide quality space for all students and staff and maintain it to high aesthetic, functional, safety and accessibility standards. Office equipment and furniture is purchased to meet the needs of the staff and the students. Optimum and sustainable usage is ensured and is therefore subject to regular review or audit. Regular maintenance activities are carried out and timely replacement of worn out/defective equipment is done. The campus is secured by G4S. It is a leading global integrated security company, specializing in the provision of security products, services and solutions. The university has an academic ERP system to facilitate all aspects of different activities at campus. The salary compensation status for the employee is one of the best in the state of Rajasthan. Thereby, it has been possible to attract qualified and experienced faculty members and retain them. Faculty members are provided with furnished staff quarters and transport facility is provided to those staff members who choose to stay outside the university campus. There is a guest house in the campus for visiting parents and delegates. The university grants sick leave with full pay till complete recovery to the staff. 5. Evidence of Success: Low attrition rate, less number of student withdrawals and 90 of students placed in the industry. 6. Problems Encountered and Resources Required: Non availability of qualified and experienced teachers particularly in the Civil, Mining and Rail Transportation Engineering disciplines is one of the major constraints. It is desirable to involve experienced industry personal in regular teaching activities in order to make the Academic-Industry interaction more attractive, However, it is generally difficult to achieve this goal either due to non-availability of such personnel in the relevant discipline or because of non-adoption of such policy by the industry.



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

[https://drive.google.com/file/d/1QJq67QKBmLZ\\_Nae-Sq5SUyyoCVy9FGdf/view?usp=sharing](https://drive.google.com/file/d/1QJq67QKBmLZ_Nae-Sq5SUyyoCVy9FGdf/view?usp=sharing)

### 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

Institutional Distinctiveness a. The syllabi of all academic programmes are reviewed on a regulatory basis with various inputs received from industry and academia. b. The Choice Based Credit System (CBCS) adopted by University provides substantial flexibility and promotes interdisciplinary studies up to a certain height. c. The SPSU Business Incubator, sponsored by MSME, Government of India provides suitable aura of environment and infrastructural support to the incubatees to execute their dreams and ideas for the development and nurture of successful entrepreneurs.

Provide the weblink of the institution

<https://drive.google.com/file/d/1ECl07Srgimo6W01ryaTaADMBOP6JmcEf/view?usp=sharing>

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

1. Enhance the academic collaborations with the existing collaborating academic institutes from abroad for Semester Exchange Programme for students. 2. Successful implementation of the Faculty Exchange Programme with the existing collaborating academic institutes from abroad. 3. Extensive conduction of collaborative research works with the existing collaborating academic institutes from abroad. 4. Establishment of a healthy academic collaboration for teaching and research with premier academic institutes of India. 5. Establish collaboration with industries for academic interactions, research and students' internship. 6. Proper modification of SPSU Business Incubation Centre with corrective and rectified implementation and gradual steps to transform SPSU as one of the most active and professional business hub. 7. Establishment of linkage with more numbers of nearby villages and rural downtrodden areas to provide technical support for their all-round development.