SURESH GYAN VIHAR

UNIVERSITY

Accredited by NAAC with 'A' Grade

Annual Quality Assurance Report (AQAR)

Session: 2017-18

Suresh Gyan Vihar University

Mahal, Jagatpura, Jaipur-302017

Part – A

AQAR for the year

	2017-18

1. Details of the Institution

1.1 Name of the Institution

Suresh Gyan Vihar University

1.2 Address Line 1

Mahal

Address Line 2

Jagatpura

City/Town

Jaipur

State

Rajasthan

Pin Code

302017

Institution e-mail address

registrar@mygyanvihar.com

Contact Nos.

0141-2988411, 2988412

Name of the Head of the Institution:

Dr.Dharam Buddhi

Tel. No. with STD Code:

0141-2988411, 2988412

Mobile:

9660195762

Name of the IQAC Co-ordinator:

| Manish Sharma |

Mobile:

| 9950696855 |

IQAC e-mail address:

| iqac@mygyanvihar.com |

1.3 NAAC Track ID

OR

| RJUNGN11311 |

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004. This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

| EC(SC)/23/A&A/41.1 Dated 28/-3/2017 |

1.5 Website address:

| www.gyanvihar.org |

Web-link of the AQAR:

| http://www.gyanvihar.org/IQAC/AQAR/RJUNGN11311- Suresh Gyan Vihar University, Jaipur-Rajasthan.doc |

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A	3.10	2017	5 Years
2	2nd Cycle	NA	NA	NA	NA
3	3rd Cycle	NA	NA	NA	NA
4	4th Cycle	NA	NA	NA	NA

1.7 Date of Establishment of IQAC :

| 13/04/2017 |

Note:-From March 2012, The University has QTPC (Quality Teaching Procedure Code) for Minimum Standard and Protocol Formation for Quality. Know as per NAAC requirements that QTPC is changed to IQAC (Internal Quality Assurance Cell) from 13/04/2017.

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC.

    i. AQAR (Submitting 1st AQAR2017-18 cycle-1)
    ii. AQAR **Not Applicable**
    iii. AQAR **Not Applicable**
    iv. AQAR **Not Applicable**

1.9 Institutional Status

University   State ☐ Central ☐ Deemed ☐ Private ☑

Affiliated College   Yes ☐ No ☑

Constituent College   Yes ☐ No ☑

Autonomous college of UGC   Yes ☐ No ☑

Regulatory Agency approved Institution   Yes ☑ No ☐

(i.e. AICTE, PCI, NCTE, UGC, AIU)

Type of Institution   Co-education ☑ Men ☐ Women ☐

    Urban ☑ Rural ☐ Tribal ☐

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

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

1.10 Type of Faculty/Programme

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

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

Others (Specify)   **Agriculture Science, Hotel Management & Catering Technology, Pharmacy, Mass Communication**

1.11 Name of the Affiliating University *(for the Colleges)* | Not Applicable

1.12 Special status conferred by Central/ State Government— UGC, State Government

Autonomy by State | Yes

University with Potential for Excellence | NA | **UGC-CPE** | NA

DST Star Scheme | NA | **UGC-CE** | NA

UGC-Special Assistance Programme | NA | **DST-FIST** | NA

UGC-Innovative PG programmes | NA | **Any other (*Specify*)*** | Yes

UGC-COP Programmes | NA

* List of Research Centre of excellence

1. Centre of Renewable and Sustainable energy

2. Centre for Democratic Reforms & Development

3. Centre of Climate, Change & Water Research (C3W)

4. Learning Centre of Excellence with Google

5. Ecosystem for Innovation and Entrepreneurship

6. Centre for Agriculture Research

7. Centre in Training and Research in Automation with Bosch Rexroth

8. Centre of Skill Development and Extra Mural Studies

9. Centre for Cloud Infrastructure & Security

10. Centre for Sustainable Development

11. Centre for Tribal, Folklore, Literature &Culture Studies

2. IQAC Composition and Activities

2.1 No. of Teachers

| 08 + 03*=11 |

***03 are special invites.**

2.2 No. of Administrative/Technical staff

| 02 |

2.3 No. of students

| 02 |

2.4 No. of Management representatives

| 02 |

2.5 No. of Alumni

| 02 |

2.6 No. of any other stakeholders and

community representatives

| 02 |

2.7 No. of Employers/ Industrialists

| 02 |

2.8 No. of other External Experts

| 02 |

2.9 Total No. of members

| 25+ 02*= 27 |

*including chairman and coordinator of composition of IQAC.

2.10 No. of IQAC meetings held   04

2.11 No. of meetings with various stakeholders: No. | 06 | Faculty | 08 |

Non-Teaching Staff: Students | 03 | Alumni | 01 | Others | 01* |

* in others:- Parents

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

If yes, mention the amount | 0 |

2.13 Seminars and Conferences (only quality related)

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

Total Nos. | 14 | International | 1 | National | 6 | State | 1 | Institution Level | 6

(ii) Themes

1. **Make in India, Entrepreneurship and start up**:-Ecosystem for Innovation and Entrepreneurship organised Start-up Boot Camps on raising awareness on Innovation, Qualitative Entrepreneurship and Ideation organised in SGVU on 28 June, 19 July and 27 October 2017. Students from schools (higher secondary) and different colleges (Undergraduate courses) participated to know about the fundamental terms relating to qualitative entrepreneurship. They got aware about how they could become entrepreneur. The process of entrepreneurship was clarified. The session on ideation clarified them about how to convert ideas into viable qualitative oriented business ideas.

2. **Industry Need Analysis**: 5th HR Summit, 3rd November-2017. The participants learned practical aspects of HR from HR practitioners to enhance Quality in all aspects & production, industry related aspects.

3. **Biotechnology and Agriculture Yield**:-National Seminar Recent biotechnological advances in Agriculture (RBAA) were organized on 17th & 18th November, 2017. The researchers shared their research findings and learned about latest advances in the field of Agriculture. The seminar enabled the participants to share their research insights and learn from the best researchers.

4. **Faculty Development**:-Workshop on Power Electronics and its Applications through ICT was organized with NITTTR Chandigarh from 27 November to 1 December 2017 for our faculty member to enhance quality teaching learning.

5. **University Quality Parameter**:-Workshop by IQAC on "Understanding IQAC" on 23/12/2017 to maintained quality in Higher education institution.

6. **E-Policy**:- Conference on 'Cyber Phoenix Conclave' on 3rd & 4th February, 2018.

7. **Sustainable Environment**:-5th annual International conference on challenges & solution for sustainable environment, 9 to 11 February-2018.

8. **IPR Policy**:- Workshop on IPR on 16 February, 2018 funded by DST.

9. **Adoption of Green Products**:-National Conference on Advances in Electronics & Comm. Devices, 9-10 March-2018.

10. **Environmental Protection**:-National conference on current research and Innovation in Bio-technology, neno technology & environment Science, 23 March-2018.

11. **Smart Village**:- National Conference on technology enabling modernization of Rural India (TMRI), 23 & 24 March-2018.

12. **New Quality Standards and Framework in NAAC academics**:- Workshop conducted by IQAC on "Role of IQAC on new quality standards and framework in NAAC" for academic staff on 25/05/2018.

13. **New Quality Standards and Framework in NAAC administration**:- Workshop conducted by IQAC on "Role of IQAC on new quality standards and framework in NAAC" for administrative staff on 26/05/2018.
14. **IPR Process and Requirement**:-Workshop on IPR on 31 March, 2018 funded by DST.

2.14 Significant Activities and contributions made by IQAC

1. **Dynamic Curriculum**:-IQAC initiates and monitors the process of curriculum revision. A briefing meeting is held every year and goals are agreed and the members of IQAC helped each department in curriculum review. Curriculum review round tables are organized in each department, in which representatives of IQAC also participate. When the revised curriculum is ready, it is again reviewed in a meeting, which was arranged by IQAC.
2. **Orientation Program**:-IQAC organizes combined sessions for all the faculty members and administrative staff of the University. In the process, Induction and Orientation programs are organized in the beginning of the academic session, and addressed by the President and invited speakers.
3. **Academic Calendar and its execution**:-IQAC prepares Academic Calendar for teaching, learning and evaluation activities of the University in consultation with the departments, and other academic bodies. Thereafter IQAC monitors the activities very minutely. Every event is planned and executed by IQAC and concerned department jointly. For example, Orientation program is conducted at departmental level for the newly enrolled students under the guidance of IQAC.
4. **Quality Research and Publication**:- IQAC has a goal of promoting research, publication and industry connect. It organizes many programs for this purpose. These programs motivated the Faculty members and the research scholars of the University to promote the quality Research.
5. **Green Policy and Infrastructure**:-IQAC has played an instrumental role in development of infrastructure. It initiated the process of infrastructure development. It circulated the goals of Green Policy/Green audit among the entire department. Required Infrastructure and green campus are continuously improved this year for quality support to faculty and students.
6. **Student Career and Counseling**:- IQAC play a role in career Counseling Cell. Placement and Guidance cells at School/Department levels have also been constituted.
7. **Academic Audit and Analysis**:- IQAC conduct of Internal Academic Audit.
8. **Society Connect**:- IQAC play a role to organize special/guest lectures.
9. **Feedback Analysis and Policy formation**:- IQAC obtained students feedback and organizing parents teachers meet in various Schools/Departments/Centers to analyze.
10. **Infrastructure and Green Campus**:-IQAC play a role in Infrastructure and green campus are continuous improved this year for quality support to faculty and students.
11. **Quality Placement**:- IQAC play a role in student placement
12. **Faculty Up gradation**:- IQAC involved in analyzing the faculty qualification

13. **Faculty Development Program**:-
   (a) IQAC organized Faculty Development Program on Entrepreneurship from 24 July to 28 July 2017 for faculty.
   (b) IQAC organized Faculty development program on Innovations by Prof. S Rangnekar of IIT Rurkee on 28 October for Faculty.
   (c) IQAC organized FDP on Research and Publications were conducted on 29 August and 31 October respectively by Prof. L K Pareek and Prof. Kharakwal.
   (d) IQAC organized FDP for civil engineering faculty members were conducted on 2nd December 2017.
   (e) IQAC organized FDP of Prof. Jakir Pinjari for faculty members of Pharmacy on 8th December 2017.

2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Achievements
Orientation Program for the new students	Orientation program conducted to welcome all the new enrolled students in the department for all the old and New students at the starting of commencement of new session. 1150 students benefitted from this program.
20 Point Strategy, Plan and Mission are as follows: 1. For mentoring the students by the alumni, who give regular guidance and mentoring **(Alumni).** 2. Time to time academic up-dation and guidance **(Continuous evaluation)**. **3.** Multi Disciplinary interaction among students for their overall development	**1. Alumni**: The University forged strong bondage with alumni – which enabled regular alumni meetings and participation of alumni in the activities of the University. More than 5000 Alumni have participated in various activities of the University. In this session Alumni meet was attended by 256 Alumni. **2. Continuous Evaluation**: The university created well planned academic calendar of continuous evaluation – which enabled smooth process of continuous evaluation. The faculty members were oriented and trained about the purpose and process of the system. **3. Collegiate system**: The collegiate system has been introduced in our university and it has been playing an important role in

(Collegiate system)	ensuring participation of students in University academic activity. Over 1500 students have voluntarily joined collegiate system. We now have 6 colleges, and each college is regulated and managed by the students under guidance of faculty members.
4. Involve students in social development and volunteering activities as per their choice so that they may take up activities of their choice **(Communities clubs)**	**4. Community clubs**: The community clubs are the main bodies where students take up voluntary activities. There are now 14 clubs and these clubs have been playing an important role in involving students in social development and volunteering activities.
5. The syllabus is updated regularly to fulfill the needs of industry **(Dynamism in curriculum)**	**5. Dynamism in curriculum**: The University has followed its academic schedule of curriculum revision committees including DAPC, UAPC, Board of Studies and Faculties.
6. A large number of activities are carried out and training programmes are conducted to develop the students industry ready **(Employability and life skills)**.	**6. Employability and life skills**: - The university has organized regular activities including mock interviews, mock group discussions etc. to make the students industry ready. Around 2500 students benefited by this.
7. There is an entrepreneurship cell, which undertakes regular programmes to promote entrepreneurship **(Entrepreneurship)**	**7. Entrepreneurship**: - The university has established a special cell for promotion of entrepreneurship and it is planning to introduce new course on skill based entrepreneurship.
8. To serve the dual mission of rigorous disciplinary research and professional teaching **(Faculty)**	**8. Faculty**: - The University has followed its policies for attracting and retaining best faculty members and it has regularly organized faculty development programs to develop them further.
9. To study abroad and get benefitted with our international linkage **(Global opportunities and linkage)**	**9. Global Linkages:** The University has strengthened its collaborations and added new linkages like Bosch, Google, Rexroth, BSE, Amazon academy, Miles, CISCO etc.
10. To connect with Google powered life-long from e-resources to enable continuous	**10. Learning Management System:** - Mygyanvihar.com is the only friend of all ever need. From e-resources to library

learning**(Learning Management System)**	catalogues, assignment submission & reading lists, its all in LMS.
11. For Practical exposure, there are tie ups with industry for giving internships to the students. **(Internship and summer placement)**	**11. Internship and summer training:** - The University has institutionalized its support system for internship and summer placements. There have been 100% placements for summer internships.
12. To stand a chance to experience far-off cultures **(International students)**	**12. International students:** - With hundreds of global admissions every year we stand a chance to experience for far-off cultures. As per our plans, we have attracted 245 students from 18 countries.
13. Gap filling industry and academics **(Industry mentoring)**	**13. Industry mentoring:** - Become industry savvy while still at the threshold of university education, we have prepared a panel of mentors and created a system for regular mentoring. We have 52 Industry mentors by which students are directly connected for their current needs.
14.Needs to fulfill books, journal & Delnet to enrich brain **(Library)**	**14 Library:** - We have huge library in which more than 80000 text and reference books are there. The university has further developed and strengthened its library. This year more than 7000 text and reference books are added. Library is well equipped with KOHA software.
15. We have project based learning where the students are involved in practical projects**(Project oriented Practical Lab)**	**15. Project oriented Practical Lab**:-The labs have been developed and strengthened further. Students developed projects based on experiments in each subjects.
16. Overall Guardian and supportive figure to solve the grievance **(Personal tutoring system)**	**16. Personal tutoring system**: -One personal tutor is a guardian of 5 students. He is Overall Guardian and supportive figure to solve the grievance of the students. We have introduced new information system for personal tutoring system.
17. For job opportunity and make employable **(Placement)**	**17. Placement:-** The placements have been excellent – and the training and placement cell has been able to establish very good relations with the companies. Total 349 students have been placed this year. Total

	97 companies visited this year.
18. The systematic investigation into and study of materials and sources in order to establish facts and reach new conclusions **(Research and Development)**	**18. Research and Development:** - the R&D Cell has been strengthened and 12 research projects have been started. IQAC has helped Research cell is preparing the research and publication guidelines.
19. A large number of annual sports activities are organized every year, which are now part of academic calendar. There are also regular training and sports activities (both indoor and outdoor) being conducted for overall physical fitness of the students **(Sports)**	**19. Sports:** - Sports activities have been strengthened. Participation of students in sports has been commendable. Total 335 students have participated in sports. In which 85 students won Prizes.
20. There are excellent laboratories and infrastructure facilities and these are updated regularly **(State of art Infrastructure)**.	**20. Infrastructure:** - The University has further strengthened its infrastructure and has created suitable means for maintaining and reviving the infrastructure. The new convention centre has established. New Rexroth lab has been established.
Academic plan, University Annual calendar, Time table and in the beginning of the academic year the university plan, curriculum designed, course plan preparation, Graded assignment, lecture notes preparation.	The planned information of annual calendar circulates for all Schools/ Departments/ Centres. Time table and course plan are prepared by the faculty as per the syllabus of subject courses under the guidance of HOD and uploaded on LMS software and website. It is implemented without any deviation.
Yearly meeting of Board of Studies	Revision and modification in syllabus is done on the behalf of Alumni/Industry person/ Academician/subject experts as per the need of industrial requirement and competitive exams by holding the yearly meeting of BOS. Updation of curriculum is a prime objective of the university. To update the knowledge and keep pace with the changes. The changes are incorporate in curriculum.
Research Sensitization:-Monthly meeting of Research Cell and IPR cell, grant received,	For innovation and knowledge transformation the faculty members and

publications, Patent filled.	research students are motivated for the quality research publication/ submit the research projects/Patents/copy right and helping the faculty and students by sending the related information to them. Total 228 research papers have been published and 6 patients are applied. A review is taken once in three months to consolidate the research works.
Interactive Platform:-Organizing Conference/Seminar/Work shop of the academic year.	Each School/Department/Centers organizes at least one conference/Seminar/work shop in each semester for the student and faculty to provide them the plate form for gaining and sharing the knowledge. Total 21 workshops conducted.
Regular meeting of Anti ragging/ other disciplinary cells	All the grievance of students sorted out by frequent meeting of these cells. The grievance redressed cell is very active in attending the grievance of the students on all fronts.
Formation of collegiate system	To foster fraternity among students & to ensure a creative learning environment amongst peers. The system aims at imbibing harmony, cooperation and mutual respect through cultural exchange. These colleges are organizing various academic, co-curricular and social activities throughout the year to develop leadership, team spirit, mutual respect and camaraderie among collegiate. For participation in various activities various prizes and awards have been instituted by the university.
Examination conduction	Examination for both the semesters Odd and Even semester has been as per schedule. The university has taken all steps to declare the results on time and the evaluation process are very clear. In the beginning of the academic year the evaluation process are given/provided to all the students to avoid the grievance.
Monitoring and Auditing of Learning Management System: Based system for Academics and administrative section.	Effective and efficient function of academics and smooth execution of administrative task save carried out to achieve the goals and objective decided in advance by IQAC

Recruitment of Faculty and administrative staff on vacant position	The vacant positions in different schools/departments/centers tried to fill to strengthen of academia and research. A continuous recruitment policy has been adopted as per the requirement.
Conduction of Annual events/sports/community club activity	Monitoring and auditing of quality of annual function/sports/community clubs activities conducted by coordinators of each schools/departments. Participation of the university students at state and natural level was ensured, Similarly in the University sports activity the participation of other academic institutions was ensured.
Daily Monitoring and auditing of academics activities	IQAC cell daily visits in each department to ensure and audit the timely conduction of classes, labs, tutorials with a focus on the quality of teaching.
MOUs with universities and organizations	24 MOUs have been signed with the other University and organizations for quality improvement of academic and research and to have global presence.
Analysis of research publication in Scopus indexed journals and UGC indexed journals	In 2017-18 faculty members and research scholars published 228research papers in Scopus and UGC Indexed journals
Conduct and analysing of quality circle meetings	Quality circle meeting reports are submitted through online LMS software for all the programmes for follow up and necessary action taken.
Enhancement of faculty qualifications	A gradual increase in the number of faculty members with PhD degree. All eligible faculty members are enrolled in Ph.D programs. University taking all necessary steps to provide leave and other benefit to complete their Ph.D.

* Attach the Academic Calendar of the year as Annexure.

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

Board of Management ☑   Syndicate ☐   Any other body   ☑

Any other body:- Academic Council

Provide the details of the action taken

1. Inputs of IQAC are considered while taking policy decision.
2. The AQAR submitted to the members of the academic council, and recommendations for follow up actions are taken up for consideration in the next academic council. The discussions are captured in the minutes of the academic council meetings.
3. IQAC recommended that every faculty should try to publish their research papers in high impact factor Scopus Indexed Journals, in Science Citation Index (SCI) journals and good UGC indexed journals of high impact factor. This is given importance in the annual performance evaluation of faculty members.
4. Prepared academic and examination code, which enabled the university administrative system.
5. IQAC prepared revised research and publication guidelines, whereby it became mandatory for researchers and faculty members to publish in Scopus or SCI listed journals. These guidelines were adopted by all the departments including the research department.
6. IQAC ensured proper participation and discussions in all academic forums including DAPC, UAPC, Board of Studies, Faculties and Academic Council. IQAC monitored and reviewed the working of all these bodies and ensured timely and proper working in all these bodies.
7. IQAC has institutionalised following means for regular mentoring : - IQAC seeks academic calendar from each academic unit well in advance, and the schedule of Academic events are placed on the website and communicated to all stakeholders. IQAC has identified academic leaders from each department to monitor the regular academic activities. These academic leaders ensure discipline in all academic events including punctuality, order and system.
8. IQAC has prepared a system for regular monitoring of academic events and activities.
9. Industry Institution Interaction.
10. Adoption of Green Policy.
11. Energy audit of the Campus.
12. Water capacity monitoring of the Campus.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	7	0	0	0
PG	20	5	0	0
UG	31	2	0	0
PG Diploma	NIL	1	1	1
Advanced Diploma	NIL	NIL	NIL	NIL
Diploma	7	1	0	0
Certificate	NIL	3	3	3
Others	10	1	0	0
Total	74	11	11	9

Interdisciplinary	4	2	2	2
Innovative	4	2	2	2

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

      (ii) Pattern of programmes:

Pattern	Number of programmes
Semester	74
Trimester	
Annual	

1.3 Feedback from stakeholders *Alumni ✓ Parents ✓ ployers ✓ Students ✓
    (On all aspects)*

Mode of feedback: Online Manual ✓ Co-operating ✓ Schools (for PEI) ☐

Please provide an analysis of the feedback in the Annexure

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

Yes

University ensures best of the content is delivered to the students, which is at par with Industry standards and have direct employability and personality grooming outcome for the students. For the same University undertakes all the activities of taking Feedbacks from Alumni, Industry Experts, Senior Academicians and all other stake Holders

Following these activities, University has introduced more than 100 new subjects and programs which are need of the hour in the industry and shall make students more employable. Some of the subjects are listed.

- Automatic Speech Recognition
- Advanced Innovation and New Product Development
- Global Engineering
- Smart cities and Automation
- Super Computers
- Project Design, Evaluation Management & Innovation
- Development operations (DevOps)
- Global Engineering
- Engineering Sustainability: Analysis and Design
- Engineering Nanotechnology
- Building Management System
- Energy storage
- Bio Robotics
- Green Technologies
- Fuel Cell
- Cloud Manufacturing
- Waste to Energy
- Digital Manufacturing
- Green Buildings and Infrastructure
- Energy auditing and energy conservation in Thermal systems
- Energy Pricing & Trading
- Big Data Analytics
- Hadoop
- Machine Learning
- Human – Computer Interfaces intelligence
- Bio Robotics
- Communication Systems (Active & Passive)
- Project Design,

- Data Science: Machine learning
- Landscape and Urban heritage conservation
- Zero energy buildings: concept & Design
- High Rise building with reference to Burzkhalifa
- Energy Ethical Hacking

Apart from Above University has practice of Launching New programs in association with Industry and which are in need at premier institutions across the globe. In past 1 Years University has launched many New Programs, some of them are

- M.Tech Geo-informatics
- M.Tech Cloud Computing & Security
- M.Sc. Geo-informatics
- M.Sc Sustainable Development

All the contents of Courses being weighted and this year based on feedback more than 20% syllabus content courses have been revised across all the programs being offered by the University.

University adheres to all it academics process to get these syllabuses approved through, DAPC, BoS, Faculty and Academic Council for the statuary approval of the authorities.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Yes

1. Centre for Cloud Infrastructure & Security
2. Centre for Sustainable development

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
191	132	26	19	14

2.2 No. of permanent faculty with Ph.D.   57

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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
46	01	01	20	04	04	14	0	63	25

2.4 No. of Guest and Visiting faculty and Temporary faculty   30 (G)   17 (V)   23 (T)

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	39	137	26
Presented papers	25	51	00
Resource Persons	09	13	02

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

1. Teaching through ICT.
2. Interactive plate form of Learning Management System
3. Use of smart classes to teach laboratory exercises
4. Conducting online examinations for continuous assessment
5. Graded Assignment
6. Weekly Test
7. NPTEL videos and lectures
8. Problem solving and project based learning
9. Practical exposure through industrial visit
10. Demonstration using models and simulation
11. Moving towards the concept of paperless office by abolishing or minimizing the paper notice circulation
12. Taking up research problems related to the betterment of university
13. Conducting brainstorming sessions to orient students about social and philosophical aspects of life

14. Admission process through online software.
15. Audit of academic staff by LMS software.
16. Bridge Courses on fundamental subjects are offered every year.
17. Facility for B.Tech. Students to work in Research Lab under the department.
18. Increased emphasis on well-structured projects, including grading based more heavily on demonstrating practical knowledge through applied project.
19. Project based learning, Bridge courses, Vacation project, Pedagogical Techniques applied in curriculum and syllabus building.
20. Case study based learning.
21. Group Discussion, Quiz, Periodical Exams, 4- 6 months industrial training, guest lectures, Workshops etc.
22. Opportunity to do research along with experts working in centers of excellence within the campus.
23. Student's communities (Voluntary group).
24. Collegiate system.
25. Conduct of class committee meetings in class room itself, so that there is direct interaction between students and department.
26. Parents meeting to give feedback of students and to know about issues that students facing through parents.
27. Academic and administrative process through Mygyanvihar Software.
28. Hydroponics lab for Agriculture teaching and research.
29. Weather forecasting system.
30. Solar power plant for clean and green energy.
31. Water and climate research.
32. Research on sustainable development.

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

203 Days

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

1. Evaluation by coding system
2. 10% Scrutiny by HODs
3. Open book examination
4. Online multiple choice question

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

68	87	164

2.10 Average percentage of attendance of students   80%

2.11 Course/Programme wise

Distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction (Above 75%)	I %	II %	III %	Pass %
B.Tech. Biotech.	62	8	58	19	11	96
B.Sc. Bio.	15	27	53	20	00	100
M.Sc. Biotech.	4	25	50	25	00	100
M.Sc. Micro	4	50	50	00	00	100
B.Sc. Maths	24	17	33	29	4	83
M.Sc. Environment Science	1	00	100	00	00	100
B.Tech. ME	62	13	56	11	00	80
M.TechDD(MIE)	01	00	100	00	00	100
M.Tech. ME	03	33	66	0	0	99
B.Tech. EC	24	33	29	21	17	100
M.Tech. EC	04	25	75	00	00	100
B.Tech EE	38	13	38	23	9	82
M.Tech EE	6	33	66	0	0	99
M.Tech. DD EE	2	0	50	50	0	100
Diploma	180	5	10	43	28	86
B.Ed.	162	15	50	20	15	100
M.Ed.	89	22	69	8	00	99
B.Tech Civil	120	16	50	16	4	86
M.Tech Civil	08	75	00	00	25	100
MBA	41	4	68	22	4	98
BBA	92	3	62	24	11	100
BCOM	19	00	61	22	15	98
B.A. Eco.	16	62	37	0	0	99
B.A. Eng.	4	75	25	0	0	100
B.A Psychology	3	100	0	0	0	100
B.Sc. Eco.	5	60	40	0	00	100
B.Sc.	1	100	0	0	0	100

Psychology					
M.Sc. Eco	1	100			100
Bsc. Animation	6	66	33	0	0	99
DJMC	1	100	0	0	0	100
BJMC	16	62	31	0	0	93
B.Pharma	185	18	63	15	2	98
B.Sc. (Hons)Ag	1578	23	39	19	12	93
M.Sc. Horticulture	1	100	0	0	0	100
M.Sc. Agronomy	8	12	62	25	0	99
B.Sc. Forestry	17	29	41	24	6	100
M.Tech. Cloud Computing	5	20	80	0	0	100
B.Tech. CSE	134	14	62	19	3	98
B.Tech. IT	05	20	80	0	0	100
M.Tech. CSE	3	33	66	0	0	99
BHMCT	163	19	62	11	0	92
BTTM	10	20	70	10	0	100
Diploma in FP	14	21	71	7	0	99
BCA	131	19	61	4	0	84
BSC. IT	26	20	65	15	0	100
MCA	34	20	70	8	0	98
MSc. IT	1	100	0	0	0	100
M.Tech. Energy	7	28	71	0	0	99
B.Tech. First year	62	19	58	22	0	99
M.Sc. Physics	02	50	50	0	0	100

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

1. IQAC has ensured that the university has well prepared academic calendar schedule, teaching schedule, and teaching resources well before semesters. IQAC reviews the study material, power point presentations and assignments before these are uploaded for the students and IQAC monitors their implementing.
2. IQAC organizes periodic meetings of different academic bodies including Research Cell, IPR Cell, examination Board etc. IQAC takes their annual academic schedule well in advance and ensures that the meetings are well planned, well organized and help in overall academic improvement. IQAC ensures that each academic body prepares agenda well in advance. The role of IQAC has been instrumental in ushering in required momentum in academic transformation.

3. IQAC has conducted regular sessions on different aspects of teaching and learning. IQAC has tried to ask every cell and every department to focus on improvement of teaching and learning. In this process the IQAC has institutionalized the following : -
    a. Regular meetings with regard to evaluation system and regular meetings regarding examination systems under examination cell.
    b. Regular meetings of UAPC to institutionalize academic improvements and academic development
    c. Regular invitation to CEOs and senior executives in every department to improve overall academics and overall industry connect. A large number of executives and CEOs visited our University.
    d. Regular monitoring of industry projects being undertaken by different departments
    e. Regular invitation to student representatives and to the parents and alumni for seeking suggestions for improvement in academics and pedagogy.
    f. The university has introduced specialized cells, which work closely with IQAC and try to focus on research, innovation etc. these cells are : 1. Research cell 2. IPR cell 3. Climate change cell 4. Agriculture research cell 5. Sports cell 6. Community club cell and 6. Cloud computing cell. These cells have helped IQAC in its achievements.
4. The IQAC of the institution contribute monitors and evaluates the Teaching & Learning processes by way of conducting periodical meetings. The outcomes of various proposals are recorded for improving the system of the quality of education. It also decides on the measures to be taken to improve and sustain the quality of higher education.
5. IQAC has revised and updated the participation of industry mentors in the overall improvement of the University. The panel of industry mentors is reviewed and the contribution of industry representatives is also reviewed. Feedback system also helps IQAC in identifying relative contribution of each of these.
6. IQAC keeps touch with HOD's, faculty members and staff to contribute, monitor and evaluate the teaching and learning and evaluation.
7. Regular monitoring of classes, labs & tutorials, lab projects, paper presentations, quizzes, group discussion, placement preparations etc.
8. IQAC cell also monitored the infrastructure resources requirements and maintenance.
9. IQAC cell collect feedback and take corrective measures.
10. IQAC organized FDPs and staff training by help of Academic Staff College.
11. In the Action Plan for the curricular year is prepared after going through the performance in the professional examinations. IQAC gives some guidelines for the faculty to modify their teaching learning methodology.
12. Working with the school head to implement and document a formal system of student feedback and faculty course evaluation as well as ensure closure of the loop.
13. Regular Class committee meetings involving IQAC members, teaching faculty and Student representatives to review academic programs, address problems and initiate new approaches to improve quality.

14. IQAC revised and updated the academic schedule of each school / department.
15. IQAC has organized a number of activities to develop academic environment of the university, which including the following : -
    a. Faculty development programs
    b. Feedback from students, parents, alumni and industry representatives
    c. Review meetings

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	2
UGC – Faculty Improvement Programme	0
HRD programmes	2
Orientation programmes	1
Faculty exchange programme	2
Staff training conducted by the university	35
Staff training conducted by other institutions	52
Summer / Winter schools, Workshops, etc.	2
Others(Administrative training programs)	10

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	120	5	4	0
Technical Staff	34	12	0	0

Criterion – III

3. Research, Consultancy and Extension

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

- Research Board is established to promote research Climate.
- Sub groups a research pool to sensitize.
- IPR Support is given to Research cell and scholars.
- Information circulation.
- Establishment of research cell with dedicated man power.
- Incentive and appreciation given to Research scholars and faculty members.
- University budget and support
- Research centres is established for promoting the research.
- Research Policy was prepared and promulgated to enhance the quality of research and will inform the research scholar in advance.
- Researchers are encouraged to avail the research facilities available in any school/institution/centers in university level for the knowledge generation and innovation.
- Teachers are encouraged to attend conferences, seminars etc.
- Faculty encouraged for the Research Projects to apply to the funding agencies.
- Online Journals more than 13625 are available to all School/Department/Centers in addition to print version Journals 60.
- Publishing research articles in reputed peer reviewed journals/Conferences.
- Applying for research funding to sponsoring agencies.
- Conduct regular meetings to discuss on technology and project/product initiatives and solutions guiding student projects in the corresponding area.
- The IQAC of the institution encourages the staff members to undertake major and minor research projects and to organize seminars, workshops and conferences, etc.
- The staff and students are informed about the various fellowships available and they are encouraged to apply for the same.
- The IQAC meets regularly to discuss various plans to promote research climate and motivate the faculty for academic advancement.
- IQAC provided strong recommendations to intensify the research activities through the induction of cutting-edge research equipments and leverage research initiatives through national and international level collaborations.
- The IQAC with the support of the Dean / Principal motivates the teachers and students to publish research papers.
- IQAC facilitated conduct of sessions on how to prepare research proposals & published research papers, and administer projects, to orient the staff and students for research.
- Collaborations with the national and International institutes.

- Guest Lectures from scientists well reputed in national and International institutes like MNIT, CSIR Ceeri Pilani, Hindustan Copper Ltd., Europe, United States Etc.
- In order to sensitize the excellence in research and maintain a research environment of intellectual integrity, as well as scholarly and scientific rigor, IQAC encourages following code of research ethics.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	4	16	16	8
Outlay in Rs. Lakhs	21 Lakhs	88 Lakhs	72 lakhs	107 Lakhs

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	5	12	11	5
Outlay in Rs. Lakhs	12 Lakhs	42 Lakhs	26 Lakhs	16 Lakhs

3.4   Details on research publications

	International	National	Others
Peer Review Journals	156	49	7
Non-Peer Review Journals	8	15	1
e-Journals	29	25	0
Conference proceedings	22	31	5

3.5 Details on Impact factor of publications:

Range 1-6   Average 1.02   h-index 12   Nos. in SCOPUS 25

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	3 Years	DST - Rajasthan	778200/-	2.54 Lakhs
	3 Years	DST- Rajasthan	708200/-	2.35 Lakhs
	3 Years	DST- Rajasthan	6000000/-	24 Lakhs
	2 Years	ITC-Rajasthan	2000000/-	10 Lakhs
Minor Projects	1 Year	DST- Rajasthan	60000/-	60000

Interdisciplinary Projects	-	-	-	-
Industry sponsored	1	CIMMYT	NIL	NIL
Projects sponsored by the University/ College	3 Years	Suresh Gyan Vihar Uni.	6000000/-	4000000/-
Students research projects *(other than compulsory by the University)*	2 Years	DST-Rajasthan	60000/-	60000/-
Any other(Specify)	1 Year	SGVU	7500000/-	7500000/-
Consultancy	2 Years	AccuraTradelink, Ahmedabad, Gujrat	200000/-	200000/-
Conference/Workshop	1 Year	DST-Rajasthan	90000/-	90000/-
Total			23396,400	15,799,000

3.7 No. of books published i) With ISBN No. | 11 | Chapters in Edited Books | 5 |

ii) Without ISBN No. | 3 |

3.8 No. of University Departments receiving funds from

UGC-SAP | NA | CAS | NA | DST-FIST | NA |

DPE | NA | DBT Scheme/funds | NA |

3.9 For colleges   Autonomy | NA | CPE | NA | DBT Star Scheme | NA |

INSPIRE | NA | CE | NA | Any Other (specify) | NA |

3.10 Revenue generated through consultancy | 200000 |

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College/Departments
Number	1	5	1	7	8
Sponsoring agencies	Zero gravity, Gio planet Solutions, Asim industry	1-DST & SGVU– Rajasthan,	SGVU	SGVU	SGVU

3.12 No. of faculty served as experts, chairpersons or resource persons 33

3.13 No. of collaborations International 13 National 11 Any other 09

3.14 No. of linkages created during this year 33

3.15 Total budget for research for current year in lakhs :

From funding agency 9696400 From Management of University/College 8560000

Total 18256400

3.16 No. of patents received this

Year

Type of Patent		Number
National	Applied	6
	Granted	0
International	Applied	0
	Granted	0
Commercialised	Applied	2
	Granted	0

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

Total	International	National	State	University	Dist	College
NIL	1	01	NIL	NIL	NIL	NIL

3.18 No. of faculty from the Institution who are Ph. D. Guides 51

and students registered under them 273

3.19 No. of Ph.D. awarded by faculty from the Institution 41

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

JRF $\boxed{03}$ SRF $\boxed{02}$ Project Fellows $\boxed{05}$ Any other $\boxed{12}$

3.21 No. of students Participated in NSS events:

University level $\boxed{0}$ State level $\boxed{0}$

National level $\boxed{0}$ International level $\boxed{0}$

3.22 No. of students participated in NCC events:

University level $\boxed{0}$ State level $\boxed{0}$

National level $\boxed{0}$ International level $\boxed{0}$

3.23 No. of Awards won in NSS:

University level $\boxed{0}$ State level $\boxed{0}$

National level $\boxed{0}$ International level $\boxed{0}$

3.24 No. of Awards won in NCC:

University level $\boxed{0}$ State level $\boxed{0}$

National level $\boxed{0}$ International level $\boxed{0}$

3.25 No. of Extension activities organized

University forum $\boxed{48}$ College/Department forum $\boxed{30}$

NCC $\boxed{0}$ NSS $\boxed{0}$ Any other $\boxed{30}$

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

- General Awareness Regarding Heart Diseases on 06/10/2017.
- Foreign national students meet & get together program 15/02/2018.
- 3 blood donation camps
- Literature Festival (Extension activity)
- Best out of waste.(Extension activity)
- Rural development -   Development of village Kacholia (Extension activity)
- Participation in nation building activities(Extension activity)
- Swacha Bharat Abhiyan(Extension activity)
- Tree plantation camps(Extension activity)
- Rural training camps(Extension activity)
- Free Health Check-Up & Drug Awareness Program at Kachollia Village(World Pharmacist Day Celebration)
- Yoga day celebration (21 June)
- Woman empowerment program.
- Distribution of clothes, books etc to poor street children.
- Public awareness through Nukad Natak on cleanliness and hygienic habits.
- Village adoption
- Energy conservation awareness program in schools.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	1300000 Sqft	10000 Sqft	Sponsoring body	1310000
Class rooms	75	10	Sponsoring body	85
Laboratories	133	10	Sponsoring body	143
Seminar Halls	05	01	Sponsoring body	06
No. of important equipments purchased (≥ 1-0 lakh) during the current year.	168	80	Sponsoring body	248
Value of the equipment purchased during the year (Rs. in Lakhs)	153 Lakhs	68 Lakhs	Sponsoring body	221
Others	12	1	Sponsoring body	13

4.2 Computerization of administration and library

> **Administration:-**
>
> 1. Total no of computers for general access:- 80
> 2. Total no of Printer for general access:- 30
> 3. Internet band width speed:- 1 GB
>
> **Library:-**
>
> 1. Total no of computers for general access:- 20
> 2. Total no of Printer for general access:- 3
> 3. Internet band width speed:- 1 GB

4.3 Library services:

	Existing		Newly added		Total	
	No.	**Value**	**No.**	**Value**	**No.**	**Value**
Text Books	47641	1,16,72,045	3066	278087	50707	11950132
Reference Books	23049	3,87,45,369	4326	1191947	30375	39937316
e-Books	3635043	1,10000	232155	159300	3867198	269300
Journals	61	53070	0	0	61	53070

se-Journals	7725	4,63,500	23	4875	7803	468375
Digital Database	3642768	573500	232178	164175	3875001	737675
CD & Video	1778	16,500	43	4386	1821	20886
Others (specify)(Thesis & dissertations)	468	0	33	0	501	0

4.4 Technology up gradation (overall)

	Total Computers	**Computer Labs**	**Internet**	**Browsing Centres**	**Computer Centres**	**Office**	**Depart -ments**	**Others (Chrome Books)**
Existing	920	25	220	1	2	35	14	140
Added	60	02	80	1	0	05	04	0
Total	980	27	300	2	2	40	18	140

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

- University departments are well equipped with Wi-Fi facility. An important service of IT centre is management of website and web server. IT Centre maintains web server on 24x7 bases. The website content management is done on daily basis. For website monitoring a committee exists which gives suggestions for website look & feel and content management.
- Work shop on Learning Management System (LMS) for faculty and students.
- Work shop on National Knowledge Network.
- Software development cell design software's as required.
- Work shop on Digital India.
- Work shop on computer literacy to whole academic and administrative staff members.
- CCNA training certification course
- CCNA Workshop
- Training of teachers in Google based online platform
- Training of school teachers and students in collaboration with Google
- Development of applications for educational purpose and use of applications for training and development of youth
- Workshop on technical training of youth was organized in collaboration with Google.com
- Installation and development of cloud computing infrastructure and laboratory.

- Training of students and faculty members in learning management system based on Google platform
- Training of faculty members in ICT
- Installation and development of Google laboratory with latest infrastructure and Software's
- Installation and development of Geo-informatics laboratory and required infrastructure
- Training workshops on Geo-informatics
- Training of students in Geo-informatics by ISRO

4.6 Amount spent on maintenance in lakhs :

i) **ICT**

55.31 Lakhs

  ii) **Campus Infrastructure and facilities**

84.23 Lakhs

  iii) **Equipments**

35.09 Lakhs

  iv) **Others**

21.05 Lakhs

    Total :

195.68 Lakhs

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

(1) The Student related information is widely published on learning management system, University web site and well informed during orientation program.

(2) IQAC has established an independent as well as coordinated system for student support and mentoring. In academic studies, sports and cultural activities, University supported the students. Students are guided in career, soft-skills and language skills and develop professional competitiveness as well as develop ethics.

(3) IQAC contributes in enhancing student support services. Focus of the department is on capacity-building of students and accordingly different levels of learning are identified and actively nurtured. Mentoring Concept is the process of implementation and focuses on overall development of the students.

(4) IQAC contributes through Schools/department/Centres to provide information about student support services (LMS services, single window system, research topic guidance, sports and games, Fitness activity, social awareness activities, Anti ragging, woman empowerment, Hindi language training, workshops, seminars, project labs, conference, major activities, community club activity, collegiate system etc.) in the Induction Program.

(5) IQAC take Feedback from the students to Identify the required area

(6) IQAC conduct meetings with Administrative staff & faculty members.

(7) IQAC has institutionalized a monitoring and reporting system, which ensures discipline in all the activities. Student support activities including sports, student technical festivals, industrial visits, projects, practical projects, industry mentoring etc. are planned in advance and these activities are scheduled and organized as per schedule.

(8) IQAC ensures that there is student participation in planning and execution of all important student support activities. IQAC has reviewed the following activities as part of student support services: -
   i. Training and placement cell
   ii. Student sport
   iii. Industrial visits
   iv. Training for placement
   v. Special lecture by renowned academician/industrialist

(9) We have a well established IQAC, which monitors the proper functioning of women grievance cell, student mentoring system, student feedback and complaint redressal cell.

5.2 Efforts made by the institution for tracking the progression

University maintained the records and proper monitoring by the faculties and committees constituted for that purposes.

- The action plan was prepared by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year. For quality assurance, self analysis and feedback through discussion with academic peers and students was practiced.
- Weekly meeting with Personal tutors.
- Student feedback is used for tracking the progression in every internal exam.
- Cultural and Sports activities also support to discover the hidden qualities of students such as leadership, team spirit etc.
- University made a Committee for sharing administrative and academic works viz. anti ragging, Time-table, Exam coordination, Library, Maintenance, girl's grievance etc.
- Career counseling, soft skill training of students are taken care of by the different persons.
- Students have the liberty to approach the teachers in their respective rooms or even in corridors. Students are encouraged to formulate their road-maps for academic growth
- Career Orientation programs 3 days in a week after classes over.
- Corporate trainings for pre final and final year students.
- Spoken English classes twice in a week on every Monday and Tuesday.
- Mock Interview trainings by internal faculties and external experts.
- Accessibility of all the faculties during all working hours. Also in case of any emergency or immediate guidance 24 X7 students are free to get any guidance.
- Statutory Departmental Committee takes major decisions.
- Class room seminar and group discussion are regular feature.
- Placement facilities, career guidance and counseling service are being continued.
- Mentors were allocated to all the students for their academic, social, career and other guidance. On every 5 students 1 Personal Tutor is assigned.
- Faculty members provided assistance to the slow learners.
- Extension services are regularly provided.
- There are regular reviews
- There are regular meetings with students and student representatives.
- There are departmental academic committees (departmental academic program committees) and UAPC, which have been conducting quarterly meetings to monitor the progress
- There are regular interactions with the student representatives
- There are regular quarterly meetings of the following forums: -
    - o   Parent Teacher Meetings in every semester.
    - o   University Alumni Forum on 27 February.
    - o   University Academic Program Committee
    - o   Examination Board
    - o   Research Board

- IPR Cell
- Research Cell

- Continuous monitoring of the progress of students, counseling, students representation in class committee, course committee etc.
- The institution monitors and ensures the achievements of the learning outcome through analysis of the tests, examination results and the pass percentage
- Strong support for remedial courses
- Continuous assessment is conducted for students for tracking their progression.
- International and industrial internship for students.
- In-plant training for 2nd and 3rd year students
- Constant updates through Alumni Association records and information.
- We follow a system of continuous evaluation with a minimum of four evaluation components in every course. There are quizzes, assignments, presentations, projects being continuously evaluated apart from the examinations. This helps us to track student progression continuously.
- Feedback forms are collected form students and parents including international and analyzed for corrective actions.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others(Diploma)
3437	305	239	335

(b) No. of students outside the state

2460

(c) No. of international students

256

No	%	
3168	73.40	Men

No	%	
1148	26.60	Women

Last Year						This Year					
General	SC	ST	OBC	Physic-ally Challe-nged	Total	General	SC	ST	OBC	Physically Challenged	Total
679	147	141	619	2	1588	429	129	111	454	0	1123

Demand ratio   5:2   Dropout 8 %

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

Efforts for students support mechanism for coaching for competitive examinations are-
- The contents of UPSC, NET, GATE, SLET, PSU etc have been included in the syllabus of all programs.
- University Central Library has books for preparation of competitive exams.
- Students can discuss topics related to NET / GATE examinations with the Faculty members
- School/Department hosted workshop and conference on Fostering research excellence at University level
- Extra classes are conducted to support the students for competitive exams like GATE, GRE, NET, SSC, Tofel, IES, CAT etc
- Faculties are guiding students' apart from class room interaction to prepare them for government and public sector examinations. Mentors provide personal counseling to the students for their problems.
- All the students of the each School/Departments/Centers are assigned under faculty mentors, who regularly support the students in their career counseling as well as their personal growth and motivation.
- The main focus is on campus placements. The institution has exclusive Training and placement cell and all eligible and enrolled students for such placements are trained by experts. Coaching is also given for CAT and competitive examination for students who opt for Higher Education.
- Special Coaching for NET/JRF Exams
- Soft skill and Communicative skills training for career guidance.
- Mock interview sessions handled by alumni, faculty and other external experts.
- Content enrichment classes

No. of students beneficiaries | 856 |

5.5 No. of students qualified in these examinations

NET | 5 | SET/SLET | 0 | GATEC | 4 | | 3 |

IAS/IPS etc | 0 | State PSC | 0 | UPSC | 1 | Others | 17 |

5.6 Details of student counselling and career guidance

- The university has a well established cell for counselling and career guidance of the students.
- The entrepreneurship cell supported by the state government of Rajasthan provides support to the students under start up program of the government of India.
- University organized orientation program helps the new students to get familiar with the Schools/Institute/Centre and the University
- Mentors are appointed for each student for academic, life, social and career counseling. Any time any where students can ask any query for any guidance
- Career counseling workshops are arranged in every 3 months.
- Industry experts are invited to share their experiences and expert talks in once in a month in each departments.
- Alumni come and meet students to solve the queries and guide for any career related issue
- Guidance and counseling cell is provided to the students for academic improvement, project placements, and for job placements.
- University/Departmental Career Counseling Cell organizes the lectures from time to time and help in getting the placement directly from the school to different Industries/multinational organizations / self-employment etc.
- Each Schools/Institute/Centre of University give the training of skill development through real field project such as Energy auditing and energy conservation , designing of solar thermal and power generation projects, Environmental Impact Assessment etc and these activities help in their jobs.
- ROJGAR MELA organised by Government of Rajasthan
- Entrepreneurship Awareness program
- Placement Opportunities for students
- Regular meetings with students

Performance enhancement for slow learners
- Remedial classes are conducted for weak students for 10 students in each batch in required subjects
- Psychoanalysis is conducted to analyze their weakness and strengths to promote their strengths.
- They are taught to work in different situations through team, as leaders, good players etc. This enhances individual and group competence working and helps in developing certain traits of success.

No. of students benefitted   567

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
97	430	349	18

5.8 Details of gender sensitization programmes

- University has set up a "Women Protection cell" as per the guideline of the Hon'ble Supreme court.
- A wide publicity of the gender sensitization was done through banners/flexes, orientation programs etc.
- Women's day celebration.
- Women Protection Cell of the university organize special lectures for on "Women empowerment"
- "Daughters are precious" , on National girl child day with NHM
- Role play on female foeticide.
- Skit on gender discrimination.
- Girl students are given counseling separately. Anti-Ragging committee is coordinated by the advisors, counselors. Grievance redressal committee to handle gender related issues.

5.9 Students Activities

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

State/ University level 329   National level 06   International level 0

No. of students participated in cultural events

State/ University level 559   National level 0   International level 0

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

Sports : State/ University level 65 National level 23 International level 0

Cultural: State/ University level 33   National level 0   International level 0

5.10 Scholarships and Financial Support

	Number of Students	Amount
Financial support from institution	150	5265236
Financial support from government	NIL	NIL
Financial support from other sources	NIL	NIL
Number of students who received International/ National recognitions	NIL	NIL

5.11 Student organised / initiatives

Fairs   : State/ University level 5   National level 1   International level 0

Exhibition: State/ University level 6   National level 1   International level 0

5.12 No. of social initiatives undertaken by the students 23

5.13 Major grievances of students (if any) redressed:

The University has a well established student's grievance cell of students. However, the university has a system of regular feedback, whereby grievances of the students are taken up. The university has Single window system, where the students can get their grievances solved immediately. The system of grievance redressal helped the university in solving the problems of the students. The university has also prepared and implemented online grievance redressal system. In this year University resolve around 48 grievances like mark-sheet related issue, Degree related issues, disciplinary actions, change in LMS account, mark-sheet verification issues, hostel fees refund etc.

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Through constant innovations, quality enhancement and persistent value addition, the University strives to fulfill its Vision and Mission. The University has created a system which ensures democratic decision - making and flexibility to introduce innovations and changes to meet the current needs as well as to achieve the overall goals of the University.

(a) Vision

"To create a University with a different perspective: innovative research-driven academic program; engaging & retaining outstanding faculty; providing world-class, yet affordable, education in various areas of study, and thus to develop highly qualified and globally competitive professional experts capable of understanding the challenges of rapidly changing world and contributing to the evolution of society based on human values and peaceful co-existence".

(b) Mission

The Mission of Suresh Gyan Vihar University is to provide world class education in a wide spectrum of fields through effective and efficient processes so as to make it accessible to all sections of society that will best serve the Nation and mankind in the 21st century.

6.2 Does the Institution has a management Information System

Yes

Suresh Gyan Vihar University Management Information System consist of a Learning Management System (LMS), online admission portal and online fee submission system that was developed in-house, and encompasses all aspects of the university's academic and administrative functioning. A brief discussion of its usage with respect to the above points is given below:

Administrative procedures including finance: Includes student and staff profiles, fee management, accounting, issue of certificates (Bonafied, transfer certificate, Grade sheet, Degree certificate, etc.), etc.

Student admission: A state-of-the-art admissions module enables simultaneous counselling for UG/PG/Ph.D. admissions across the university), and the entire data is segregated into depart wise and course wise from issue of leads, and entry data upon admission – is captured in the system, subsequently generating SID and password that feed into the student registration, evaluation and enrolment processes.

Student records: Apart from personal profiles, this includes student registration records, marks & weekly test, attendance, graded assignment, grades, student progression data, progress reports, hostel information, etc

> **Research administration:**- In the staff profile, there is a provision for faculty members to maintain records of research publications, conferences attended, research grants received, etc
>
> **Evaluation & Examination procedures:-** The entire gamut of activities from registration through results, including attendance and other data are captured and maintained with appropriate access levels to students, faculty, management, administrative personnel, parents, and other stakeholders.
>
> **Learning Management System:–** This provides an excellent suite of tools for the teaching-learning process, including the provision to set up question banks, conduct online exams, share national academic deposit, teaching materials & resources, generate course-related performance-reports, etc.

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

6.3.1 Curriculum Development

> **Curriculum Development**
> University follows an in-depth Systematic Process for Design and Development of Curriculum. Following are the details (Need Assessment, Feedback etc.) of the same:
>
> **Need Assessment:**
> Following aspects are kept in mind before starting the Process of Curriculum Development of any program:
>
> (i)   Need of the program: Need of the program is assessed looking at the requirements of Industry, Job Opportunities, Entrepreneurship Scope and Research Possibilities survey is undertaken etc.
>
> (ii)   Surveys are continually carried out to assess and analyze the high – points of all on-going Programs at Central Universities and Premier Institutes of the Country like IIMs and IITs.
>
> (iii)   Program Objectives: Programs are designed in such a manner that our Graduating Students are able to:
>
> • Demonstrate successful Execution and Application of Knowledge and Skills crucial for Industry, Public and Private Sector Organizations.
> • Pursue life-long Learning through Advanced Professional Degrees and
> • Demonstrate Professional and Intellectual growth as Leaders in their Profession and / or Community.
>
> **Feedback:**
> The Department ensures feedback from all the stake holders namely:
>
> 1. Students
> 2. Alumni
> 3. Parents
> 4. Academicians
> 5. Employers
> 6. Concerning Teacher
>
> **Departmental Committees:**
> As a first step Departmental Committees are constituted for the designing / updation of Curriculum of each program. The Committees consist of the following:
>
> • The Program Coordinator

- All Course Coordinators related to the Program
- Outside experts of the field as per requirement

The Committee Members are supposed to collect all Data/Feedback related to the Program for which Curriculum is to be developed.

The Committee take decisions as per prevailing Norms and Guidelines issued by the University from time to time.

The Curriculum of each Program is developed/ upgraded by holding regular meetings and or / workshops. The Curriculum so developed/ upgraded are then submitted to Convenor of the concerned Board of Studies (BoS).

Boards of Studies:

- The copies of the Curricula developed/upgraded by Departmental Committees are circulated to all the members, External as well as Internal, of Boards of Studies of the University of Related Fields for their suggestions for improvement.
- The External members include one Academician and one Industry Expert of the related field in the BoS.
- The Draft Curriculum is finally prepared after including the suggestions received from all members of BoS.
- The Draft Curriculum of different programs so developed is reviewed in the meeting of concerned Board of Studies and they are recommended to concern Faculties for adoption after obtaining the approval from academic council.

Faculties:

- A copy of the Curriculum developed by BoS is sent to each member of the concerned Program for their suggestions.
- The meetings of various Faculties are conducted and suggestions for further improvement in the Curriculum are invited. If required the suggestions are incorporated in the Curriculum and are provided to concerned BoS for future reference.
- The Curriculum are finally adopted by the Faculties and recommended to Academic Council of the University.

Academic Council:

All the Curriculum of the University is finally placed before the Academic Council for suggestions, ratification and approval.

6.3.2 Teaching and Learning

Teaching and learning is the heart of every institution. Therefore the University has given special emphasis on teaching and learning. Teaching is conducted through a very rigorous process. Every faculty member has to prepare a detailed teaching plan consisting of study material, power point presentations, teaching aids, teaching notes, teaching support system and guest lectures. These are prepared three months before the commencement of the semester and are reviewed by head of department

and other academicians including deans and vice chancellor. These are then uploaded on the LMS panel for the students. The faculty members follow the teaching schedule rigorously and every student is expected to come well prepared in the class room. There are practical projects in engineering and other such areas, where the students have to undertake practical projects under guidance of industry mentors. The university has special emphasis on the following aspects:

- **Academic Calendar:-**An Academic Calendar is released before session starts in each semester which includes all academic , co curricular and examination activities.
- **Mentoring system:-** University has provided five students for each mentors – which ensure proper guidance and motivation for the students. The industry veterans are invited to join as industry mentors. These mentors are given full support from the university and their suggestions are invited for revision of syllabus.
- **Personal tutoring system**:- University has created personal tutors for each student, there the students get personalized guidance from tutors. The issues of the students and their grievances are solved. The students are given personal guidance to ensure proper learning.
- **Tutorial system**:- University has rigorous system, in which tutorials and practical projects are given special attention.
- **Practical Projects and Industry Exposure**:- Every student is provided some practical projects for improvement.
- **Regular attendance**:- With over 80% student attendance, we ensure regular attendance and student participation. The classes are as per schedule. There are extra classes for difficult subjects.
- **Collective learning environment:-** Under collegiate system, the students are grouped together under their wardens. The students study common topics together and they are trying to create some new learning. There are provisions for regular guidance and mentoring to the students. The students are encouraged to prepare practical projects and industry oriented solutions. The students get support from TPO cell, which arranges their industry tie up and helps them in executing practical projects.
- Students of final year of graduation and students of post graduate programmes are given the opportunities to undertake projects in live of their academic courses. They have to get at least one paper published in international journal and they have to present at least one paper in a conference, so they are expected to put in required efforts so that they can succeed. Guidance on research projects is provided by the research cell. The students are given support / grants / DST grants for their projects.
- **Difficult learners** – Those students, who are difficult learners are provided special classes and are given individual counseling
- **International exposure:** - University encourages international, inter-disciplinary and industry oriented exposure and therefore, there are provisions for cross cultural learning. Students from different states and different countries study together and try to learn from each other.
- **Teaching aids**: - University encourages use of latest teaching aids, tools, equipments etc. every class room has LCD projector. Every class room has a access to Wi-Fi internet. Such facilities are essential in today's time.
- Regular Monitoring by Academic audit cell and frequent checks by senior faculty.

- The power point presentations prepared by faculty are uploaded on the site.
- The students are encouraged to visit and study the lectures prepared by IIT professors
- Teaching done through ICT (PowerPoint) and class room board teaching. Various methods adopted are Lecture methods, interactive class room teaching, digital class room, quiz, assignments, seminars, Group discussions and activity based learning.
- Adopt modern teaching methods like online teaching, presentation, group discussion, etc. to develop teaching & learning process
- Faculty members have delivered VIDEO lectures and NPTEL lectures.
- Faculty provides links of e-books, video links in their respective subjects to the students, as additional resource materials to students. CD's are stored in library
- All the PPTs uploaded on LMS software, Weekly on line test, on line graded assignment, quiz.etc.
- Greater importance for continuous assessment, creatively implemented as per the needs of each course (with appropriate combination of homework assignments, collaborative projects, in-class discussions, presentations, research papers, creation of models and videos, etc.).
- Fully qualified and competent faculty members with a back ground of academia and Industry.
- Detailed course plan in line with the prescribed syllabus for every theory course and a separate lab cycle for lab courses ensures smooth conduct of classes.
- Objective assessment of teachers through student feedback administered in the middle of the semester helps in improved content delivery.
- Faculty development programs are conducted regularly, and faculty members are encouraged to attend FDPs at other eminent institutions as well
- Continuous evaluation system is followed.
- Classrooms are equipped with audio-visual aids to enhance the quality of the teaching-learning process.

6.3.3 Examination and Evaluation

In the recent past, the University has initiated various reforms in the examination system. Rules for promotion to higher semesters have been simplified and made common for different courses. Pass marks and grace marks rules have also been made more student-friendly and simpler. The University has provided partial autonomy to departments for paper setting and evaluation in order that results are declared in time. In addition, the University has undertaken 100% computerization of examination related works.

The university has adopted following recommendations of UGC:

1. University has a well documented examination & Academic code for the conduction of the examination, evaluation process and result declaration.

2. To maintain secrecy each question paper setter is asked to set two question papers containing different questions, out of which any one is used by the university.

3. The end semester examination answer books are coded before being given to examiners for evaluation to avoid partiality.

4. The university has adopted credits system and providing result of each course in grading and overall result in terms of CGPA on 10 point scale from session 2010-11.

5. On an average, the results are declared within 1 month from the date of last examination. Odd semester results are declared by the end of January, while those of even semester by the end of June. This became possible due to automation of examination related works. The results are posted on university website and students can download their complete mark sheet.

6.3.4 Research and Development

In an effort to further enhance the research structure and output, the university initiated the formation of Thrust Area Groups (TAGs). These groups within each department, work together in focused areas, and provide regular reports, which are then reviewed by management for the following reasons:

1. To provide any support (Policy, Budget, Research Centres, Collaboration, additional infrastructure, facilities, instruments, stipends, Global Concerns etc.)
2. To help in case of any roadblocks and challenges faced by researchers
3. To monitor progress and output

The university has a Research Committee to monitor and address issues related to research. Each school also has a research committee to facilitate, monitor and encourage the research activities. It meets regularly to discuss various plans to promote research and motivate the faculty for academic advancement.

There is a Dean research with overall responsibility for the Ph.D. programme. The Dean of the campus/Dean of the school/Principal of the School/Senior is also involved closely in the overseeing of the research activities. Research coordinators also representatives from each department, eminent scientists/researchers from premier institutes in India and abroad are included as members of the research committee.

Teachers are informed about the various fellowships available and they are encouraged to apply for the same.

Faculty members that do not have a doctoral degree are encouraged to register for Ph.D. Monetary assistance and incentives provided to faculty members for publication and attending conferences.

- Faculty members have active research programmes and funds from funding agencies. Research work is published in reputed national and international journals.
- University also constituted task force for Fostering Excellence in Research which take care of departments and also conduct research audit
- In University Research laboratories are well equipped with required facilities and having modern instruments and equipments
- Publishing 5 peer reviewed Journal of International repute.

- Various national level workshops are organized to promote research activities in the department. Eminent scientists/scholars have participated in these events.
- Faculty members will be motivated for getting funded R&D projects, consultancy assignments, and publishing research papers in quality journals.
- Faculty members are given incentives for membership of professional bodies.
- The Schools/Institutes/Centers will organize conference, seminars and workshops for teachers and students.
- Industry-institute linkage is developed.
- Faculty members regularly attend, participated in national, International conferences, seminars, workshops etc.
- University is directly funding many research projects Research publications and guiding research is counted for promotion.
- Special Laboratories have been setup for research.
- University is funding teachers to participate in conferences /workshops/symposia.
- Support students in participate in International/National competitions.
- 11 research centres have been established to cater national and International issues.
- Annual reviews with researchers from other research departments of Suresh Gyan Vihar University.
- Arrange invited talks of experts from reputed International/National institutions.
- Thrust areas for research within the departments are identified and faculty members are grouped to work on the thrust areas, based on their expertise.
- Students and members of the faculty are encouraged to publish papers in journals and conferences. In Ph.D Program, Paper publication in International/National conference/Journal is mandatory for the award of distinction.
- In M.Tech Program, Paper publication in International/National conference/Journal is mandatory for the award of degree.
- Conducted faculty seminars on their research areas.
- The Department of Sciences involve student right from their second year of studies in the various funded research projects.
- Faculty are encouraged to come out with R&D proposals towards which Head, Research organization is facilitating interaction with various funding agencies like ISRO, DST etc.
- Students are encouraged to take up research based projects associated with the funded.
- Funding for National and International organising Seminars.
- Funding for attending National and International Seminars.
- Research Group Meet, Special lectures, Publication of Journal.
- Conference, Workshops and seminars for the Research Scholars.
- A new Bridge course at PhD level for Foreign students has been started to facilitate.

- Understanding of research methodologies & academic writing. Discussion forums of Ph.D. Students are held on regular basis to facilitate discussion presentations and defence of statements.

All the faculty members have a computer and an office to themselves with unlimited access to internet. They have access to most of the major research databases such as Science Direct, Elsevier, EBSCO, Scopus etc.

We encourage our faculty to publish in good journals and university Performance based Appraisal System gives significant weight to such publications.

Faculty are encouraged to present their research at different national and international conferences. They are given special Academic leave (AL) to do so and all their expenses are reimbursed. Research proposals are reviewed by the Research Advisory Committee/Ethics Committee before implementation.

6.3.5 Library, ICT and Physical Infrastructure/ Instrumentation

University regularly take necessary action to improve physical infrastructure / instrumentation including library

- Students use various database, online tools and videos for practical and research. In fact, faculty teaches through research articles and further the students review more literature on the same on their own research interest and understand the process of researching.
- added new books , Journals & online study material for students & researchers
- Accessibility of e- journal in departmental library is ensured for students
- All classrooms of University are equipped with LCD Projectors and Internet connection, LAN facility, Antivirus and Internet connections is provided through LAN
- All the labs and classes are ICT-enabled with internet connectivity.
- University has ICT infrastructure. Wi-Fi campus, best auditorium and Sports fields.
- University availing of the National Knowledge Network connectivity through Internet network by IT center in the class rooms.
- Library is fully automated.
- The E-Learning Centre in the library provides access to the DELNET and N-List.
- Round the clock internet connectivity with 1 GB speed both for staff and students
- Wi-Fi connectivity to the staff members & students
- Audio Recording Studio, Visual Effects Studio
- Effluent treatments plant
- Uninterrupted power supply
- Over 1310000 square feet of built up area across the university's seven campuses
- Sophisticated software for design, simulation, modeling, computing, etc.
- University has established its own USIC.
- University has developed its library with vision to have one of the best library in northern India.
- University has a collection of rare and unique books.
- Library has well equipped KOHA Software for overall library management.

6.3.6 Human Resource Management

The University works under its HR policy, which has been prepared as per guidance of UGC and other similar apex bodies. The HR policy has given detailed guidelines about HR planning, recruitment, selection, promotion, training and development, performance appraisal and employee grievance management.

The university has institutionalized recruitment system, which is based on fair and merit based selection system. News paper advertisements and advertisements on web portals (for example: www.naukri.com). These initiatives help the University in recruiting best manpower.

The main provisions of Human Resource Management as below: -

1. Recruitment of employees is conducted on following criteria (20 points each): - Academic background

   Publications and research experiences

   Research projects, IPR and copyrights

   Experience and industry experience.

   Performance in interviews and presentation.

2. API for employee performance assessment = the university has adopted the API as recommended by UGC for employee performance assessment and promotion purpose.

3. Employee Welfare and Grievance Redressal – employees are provided welfare and employee development provisions. The university has institutionalized appropriate systems for employee welfare and grievance redressal system, which is similar to the system followed by the best educational institutions.

4. The university has institutionalized welfare and grievance system, which is benchmarked against the best institutions – which include maternity leave, prompt grievance redressal system etc.

5. The university offers job security to every employee.

6. Employees have high happiness index.

7. Time to time motivational lectures conducted by professionals and higher authorities.

8. Faculty development program conducted by external and internal speakers for up gradation.

9. The university has an effective system of employee grievance management

10. The university has a system of effective training and development mechanism.

11. The university has benchmarked its HR policy with the best universities of the country.

6.3.7 Faculty and Staff Recruitment

For the recruitment of the faculty members, officers and staff the university follows the UGC/ Concerned Council/ SGVU norms.

Recruitment of faculty members is conducted on following criteria (20 points each): -

   a. Academic background
   b. Publications and research experiences
   c. Research projects, IPR and copyrights

d. Experience and industry experience.
e. Performance in interviews and presentation.

Recruitment of support staff is carried out on the basis of the following: -
a. Technical skills tests
b. Work experience in similar fields
c. Interviews

6.3.8 Industry Interaction / Collaboration

- University has a well defined policy for institution –industry interact/ experts /Professional /corporate/Industries are invited to deliver talks or to conduct workshops.
- Person from industry are invited for conduction of project viva-voce /Laboratories examinations.
- The Training and Placement Office Section helps identify potential employers and facilitates interviews and meetings.
- MoUs have been signed with various Industries and agencies.

Company Tie-up

Collabera Technologies, Bangalore, Just Dial , BMW , Direct I , Maintec Technologies , NIIT Technologies ITC S & P Global Marico ICICI , JB Glass, Grey Orange India Pvt. Ltd., Honda AU Small Finance Bank, HDFC Bank ,Aquatronics System ,PayTM, Zomato, Indigo Airlines, Onicra , Subrto Machines, Scott Bi Metal, Stellar Information Technology , Aryama Soft, MedipharmaKonnect.

6.3.9 Admission of Students

SGVU Admission process is one of the most innovative transparent and doorstep, customized in favour of meritorious students to access to quality education is the fundamental right of all citizens. Our complete Admission is based on online system, indigenously designed and developed by the team of SGVU, to facilitate complete Transparency into the academic system.

The University is committed to serve the economically and socially marginalized sections of society and to this end, privileges them in the admission process and offered more than 300 scholarships worth more than crores of Rupees for talented, meritorious or economically/socially backward students. SGVU adheres to the Reservation Policy laid down by the state of Rajasthan.

Admissions are announced on University website, social media and e-media. The prospectus and handbook contain information about the University and the programmes offered. The prospectus that highlights the details of various programmes of the University is prepared every year prior to the commencement of admissions. The prospectus also gives details of eligibility norms for admission.

A customized admission portal has been developed to facilitate the admission process. All information relating to admission processes is made known to the public by way of a Help Desk that is set up during admissions. Steps of Admission are as follows:
1. Deputy registrar [Admission]

2. A merit list is prepared based on qualifying examination and entrance examinations.
3. All the merits listed students has to come personally to the university for admission within prescribed working days from the date of declaration of particular merit list.
4. Students at the time of admission has to provide all original documents for verification.
5. Then the student has to pay the annual fees within the next 2 days.

The use of ICT has facilitated the admission process and has reduced the amount of paperwork as well as the use of paper. The ICT- enabled process has facilitated the generation of student profile reports. An analysis of the profile helps in identifying students who need special assistance, such as those from regional language medium schools, students from rural backgrounds and first generation learners. Special training programmes are conducted for these students.

6.4 Welfare schemes for

Teaching/Non teaching	Following welfare schemes are available for teaching and non-teaching staff: 1. The son/daughter of staff member studying in the University has to pay only 50% of the University fees. 2. All employees getting salary less than 15000/- p.m. are covered under employee's state insurance scheme. 3. University provides advance up to one month salary to its employees in case of urgent needs. 4. Financial support to very serious illness.
Students	1. Dr. Sudhanshu Employee Welfare Scholarship/ free ship(50% Scholarship in tuition fee for full course of study) for permanent employee, Children of the employees. 2. **President's Teaching Assistance Scheme** :-Student of M.Tech program awarded fellowship in the form of Rs. 12,000 per month, such students shall have to teach minimum 12 hrs per week 3. **Kiran Bedi Fellowship:-** students under this scheme will be exempted from paying Tuition fee, exam fee, enrolment fee, books, lodging & boarding for the entire course of study 4. Category-A:- 100 meritorious students will be selected for academic free ship based on their performance in GVSAT 5. Category-B:- 100 underprivileged & financially unsound students will be awarded academic free ship each year 6. 100 exceptional talents will be awarded academic free ship & will be encouraged to hone their unique skill sets. 7. Health care centre

	8. Poor students aid fund

6.5 Total corpus fund generated   995442190

6.6 Whether annual financial audit has been done   Yes [✓]   No [ ]

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Talent edge	Yes	Academic Audit cell
Administrative	Yes	Talent edge	Yes	Registrar

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

For UG Programmes   Yes [✓]   No [ ]

For PG Programmes   Yes [✓]   No [ ]

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

The university has been conducting regular meetings to review and revise the examination system. There are regular meetings and these help us in introducing reforms. There is an examination board, which meets once every month and reviews the examinations including continuous evaluation system. There are continuous efforts to ensure improved examination systems.

- IQAC has initiated regular meetings on examination reforms and has invited experts from other institutions to review and suggest required changes. During the 17-18, experts from the examination department of Government Agriculture University were invited to review and suggest required improvements in examinations. IQAC also invites veteran experts to review and assess the existing examination system. During 17-18 many outside experts were invited and they reviewed the examination systems and approved of the system.
- There are weekly tests, which help in continuous evaluation systems. IQAC reviews these weekly tests randomly to ensure that these tests are of proper standards. IQAC collects student's feedback about weekly tests.
- There are regular graded assignments, which are evaluated on the basis of involvement and learning of the student. IQAC reviews Graded Assignments on random basis and ensures that these assignments are primarily aimed at continuous learning of the students.
- There are midterm examinations, which help us in continuous evaluation. IQAC reviews midterm examinations on random basis and ensures that these tests are covering 40 to 50% syllabus and are of proper standards.

- There are practical projects, which are reviewed and assessed by industry experts. This panel of experts is prepared by IQAC and reviewed periodically.
- The panel of paper setters and evaluators is prepared and reviewed by a panel of academicians and is reviewed by IQAC.
- The feedback of experts, alumni, industry experts, TPO and has helped us in introducing required improvement in the examination system.
- The university Conducts weekly examination of the students on Learning Management system.
- The University ensures all the answer scripts and results of internal and external evaluation is displayed to the students.
- All the examination papers are moderated before being sent to printing so that quality of papers can be benchmarked.
- During evaluation 10% answer scripts are being checked by the HoD and 100% answer scripts are scrutinized by other faculty members.
- Students are given assignments on weekly basis for ensuring their studies beyond books and class rooms.
- Practice sheet are prepared by the teachers for students for each course, this motivates students for regular and out of box studies.
- Practical Lab examinations also have weight age for the projects being done during study of each lab course.

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

Not applicable

6.11 Activities and support from the Alumni Association

Alumni of the each Schools/Department/Centers are working in various institution, companies, corporation and legal consultancies in various cities of India and abroad. They help the students in getting opportunity of their placement as well as in getting internship.

Alumni also help by suggesting the academic and administrative improvements during their meets and discussions for the quality improvements in the University.

The Alumni Association contributes various services to the institution in general and to the students opting for higher studies and getting employment in particular.
- Associating as Industry mentor of the students.
- Involvement in curriculum development.
- Conducted seminars for the students.
- Conducting interactive sessions for students and providing opportunities for students in worldwide universities.
- Support for projects activities
- Feedback for the Alumni is being continuously received for academic development and career opportunities for students.

- Suresh Gyan Vihar University Alumni Association is registered association having approved Memorandum of association.
- Contributing books to the department library.
- In the department of social work a social media group is created by the alumni members and through that they shared the field experiences and career opportunities. Using the facility, the current students shared the department level activities along the alumni members.
- Information about placement/ job openings across the country.
- Recommendations for curriculum modifications based on industry requirement.
- Visits from Alumni to provide guidance to graduating students.
- Arranging industrial visits/ educational trips.
- Invited talks are arranged.
- Internships for students.
- Alumni entrepreneurs motivate students.

6.12 Activities and support from the Parent – Teacher Association

There is constant interaction between Personal Tutors and parents which helps to provide timely support and encouragement to students in times of need. The HOD, Personal Tutor and other faculty members are often in touch with the parents. Additionally, when there is a disciplinary problem or if there is poor performance in the academic, the parents are contacted over the email and phone and interaction is held with parents. The Suresh Gyan Vihar University on LMS enables the parents to assess the progress of their ward:

- Parents can contact the faculty any time
- Interactions between the parents and the HOD and personal tutor regarding the support & progression of their respective wards in academic & personal aspects.
- Parents who are working in industry and academic /research department can support the co-curricular activities through guest /expert lectures and advise the department on matters pertaining to curriculum and career opportunities.

6.13 Development programmes for support staff

University has provided the overall facility for developing the support staff, these are
- Training program on computer awareness
- Training program on office organization and management
- Training program on disaster management
- Training program on Time Management
- Provide leaves for further studies and advance training.
- Provide financial support for advanced training and to learn new courses.

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

Faculties and students follow Green calendar and take active participation in activities directed by University or Schools/Institutes/centers from time to time.
Some of the activities are-
- Energy conservation in **Schools/Departments/centers**
- Development of Gardens
- Energy Audit of all **Schools/Departments/centers** are completed and under implementation.
- 240KW solar power plant Installed in School of Energy & Environmental Studies to meet the maximum demand of the Institute.
- Water harvesting and Roof harvesting system based on rock fracturing technique was installed
- Plantation at large scale was done to make Efforts for Carbon neutrality
- Energy and water conservation in building in addition to gardens and plantation.
- Recycling of Water (100% water recycling)
- Training and awareness building of employees in energy conservation and use
- Rewards for energy conservation
- Encouragements for innovations in energy conservation and tree plantation.
- Waste Management.
- Environment audit.
- Water Conservation
- E-Policy
- Learning management system(for Paper less university)

Criterion – VII

7. Innovations and Best Practices

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

1. Teaching and research at the heart of University
2. Identification of 20 point mission.
3. The Industries oriented, co-curricular, extension activities and skill oriented programs have been included in the different programmes/courses and incorporated in Syllabus.
4. Internet network Connectivity and Web-based information is made available to Faculty, staff and Students.
5. Freedom of research to Master's students and versatility for nature of jobs to everyone.
6. Committed sincerity in maintaining the academic schedule.
7. Practical connect with theory, promotion of research, various academic and corporate support activity.
8. Problem based learning.
9. Foundation courses about culture, social aspects and International history.
10. Transparency.
11. Study visit.
12. The sustainability of university funding, financial management.
13. Identification of Unique and future desired subjects.
14. Use of technology.
15. Promotion of Innovation as an organization value.
16. Feedback and corrective action.
17. Identification and working on global concerns like climate change and sustainable energy.
18. Study material to be provided in advance to the students.
19. E-learning process.
20. E-policy.
21. Benchmarking.
22. Periodic annual review by boards of studies on curriculum, syllabus, teachings, learning, evaluation process, student's performance and overall development including initiation for establishment of innovative courses.
23. Academic audit.
24. Eco-friendly experimental approaches.
25. Use Renewable Energy Resources.
26. Use of e-resources has positive impact.
27. Strict adherence to examination schedule.
28. Regular Health Check up camps in the University Hospital.
29. Making efforts towards digitalization.
30. Transparency in the Examination and Administrative System.
31. Collegiate system.
32. Green Policy

33. Community forums
34. Practical projects in collaborations with companies like Bosch, Google etc.
35. Freedom Fighters description in every building
36. Talk shows by great personalities (for example: Mr. Rajendra Singh)
37. Support to weaker section.
38. Adoption of a village in the vicinity of the university.
39. Identification of industrial skills.
40. Personal tutor system for students.
41. Identification of need based research area.
42. Continuous evaluation.
43. Global connect through MOUs
44. Formation of strategy plan 2025.
45. Transformation of innovation into entrepreneurship.
46. Technical fest.
47. Exuberance.
48. Corporate training and placement
49. Support for IPR
50. Innovative pedagogic practices covered in areas such as relating lessons to real life, higher order skills, data and text interpretation and personalisation of teaching.
51. Sensitization for make in India.
52. Research impact through patent and commercialization.
53. Every faculty assigned a project.
54. The university offers courses to foster soft skills among its students and courses cover subjects such as communication, team building and cross cultural adaptability etc.
55. Implementing cost-saving quality enhancing reforms.
56. Position responsibility statement.
57. Optimizing infrastructure use.
58. Partnering with stake holders.
59. Academic re-organisation and prioritization.
60. Course Material sharing through technology.

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

Plan of Action	Action Taken Report
Orientation Program for the new students	Orientation program conducted to welcome all the new enrolled students in the department for all the old and New students at the starting of commencement of new session. 1150 students benefitted from this program.
20 Point Strategy, Plan and Mission are as	**1.Alumni**: The University forged strong bondage with alumni – which enabled regular alumni

follows:

1. For mentoring the students by the alumni, who give regular guidance and mentoring **(Alumni).**

2. Time to time academic up-dation and guidance **(Continuous evaluation)**.

3. Multi Disciplinary interaction among students for their overall development **(Collegiate system)**

4. Involve students in social development and volunteering activities as per their choice so that they may take up activities of their choice **(Communities clubs)**

5. The syllabus is updated regularly to fulfill the needs of industry **(Dynamism in curriculum)**

6. A large number of activities are carried out and training programmes are conducted to develop the students industry ready **(Employability and life skills)**.

7. There is an entrepreneurship cell, which undertakes regular programmes to promote entrepreneurship **(Entrepreneurship)**

meetings and participation of alumni in the activities of the University. More than 5000 Alumni have participated in various activities of the University since then. In this session Alumni meet was attended by 256 Alumni.

2. Continuous Evaluation: The university created well planned academic calendar of continuous evaluation – which enabled smooth process of continuous evaluation. The faculty members were oriented and trained about the purpose and process of the system.

3. Collegiate system: The collegiate system has been introduced in our university and it has been playing an important role in ensuring participation of students in University academic and administrative activities. Over 1500 students have voluntarily joined collegiate system. We now have 6 colleges, and each college is regulated and managed by the students under guidance of faculty members.

4. Community clubs: The community clubs are the main bodies where students take up voluntary activities. There are now 14 clubs and these clubs have been playing an important role in involving students in social development and volunteering activities.

5. Dynamism in curriculum: The University has followed its academic schedule of curriculum revision committees including DAPC, UAPC, Board of Studies and Faculties.

6. Employability and life skills: - The university has organized regular activities including mock interviews, mock group discussions etc. to make the students industry ready. Around 2500 students benefited by this.

7. Entrepreneurship: - The university has established a special cell during year 2017-18 for promotion of entrepreneurship and it is planning to introduce new course on skill based entrepreneurship. More then 120 students benefited by this.

8. To serve the dual mission of rigorous disciplinary research and professional teaching **(Faculty)**	**8. Faculty**: - Faculty vacancies were filled up and new recruitment is being conducted.
9. To study abroad and get benefitted with our international linkage **(Global opportunities and linkage)**	**9. Global Linkages:** The University has strengthened its collaborations and added new linkages like Bosch, Google, Rexroth, BSE, Amazon academy, Miles, CISCO etc.
10. To connect with Google powered life-long from e-resources to enable continuous learning **(Learning Management System)**	**10.Learning Management System:** - With the help of Google.com, mygyanvihar.com is being aligned as an online updated LMS system which links students to faculty, library, online resources and continuous evaluation system.
11. For Practical exposure, there are tie ups with industry for giving internships to the students. **(Internship and summer placement)**	**11. Internship and summer training:** - The University has institutionalized its support system for internship and summer placements. There have been 100% placements for summer internships.
12. To stand a chance to experience far-off cultures **(International students)**	**12. International students:** - We have encouraged international admissions and provided cross-cultural training to students for creating better international culture. As per our plans, we have attracted 245 students from 18 countries.
13. Gap filling industry and academics **(Industry mentoring)**	**13. Industry mentoring:** - Become industry savvy while still at the threshold of university education, we have prepared a panel of mentors and created a system for regular mentoring. Now 52 industry mentors are on our panel.
14.Needs to fulfill books, journal & Delnet to enrich brain **(Library)**	**14 Library:** - The university has further developed and strengthened its library. This year more than 7000 text and reference books are added.
15. We have project based learning where the students are involved in practical projects **(Project oriented Practical Lab)**	**15. Project oriented Practical Lab**:-The labs have been developed and strengthened further. Students developed projects based on experiments in each subjects.
16. Overall Guardian and supportive figure to solve the grievance **(Personal tutoring system)**	**16. Personal tutoring system**: - One personal tutor is a guardian of 5 students. He is Overall Guardian and supportive figure to solve the grievance of the students. We have introduced

	new information system for personal tutoring system.
17. For job opportunity and make employable **(Placement)**	**17. Placement:-** The placements have been excellent – and the training and placement cell has been able to establish very good relations with the companies. Total 349 students have placed this year. Total 97 companies visited this year to conduct placement drive.
18. The systematic investigation into and study of materials and sources in order to establish facts and reach new conclusions**(Research and Development)**	**18. Research and Development:** - the R&D Cell has been strengthened and a number of 12 research projects have been started. IQAC has helped Research cell is preparing the research and publication guidelines.
19. A large number of annual sports activities are organized every year, which are now part of academic calendar. There are also regular training and sports activities (both indoor and outdoor) being conducted for overall physical fitness of the students **(Sports)**	**19. Sports:** - Sports activities have been strengthened. the participation of students in sports has been commendable. Total 335 students have participated in sports. In which 85 students won Prizes.
20. There are excellent laboratories and infrastructure facilities and these are updated regularly **(State of art Infrastructure)**.	**20. Infrastructure:** - The University has further strengthened its infrastructure and has created suitable means for maintaining and reviving the infrastructure. The new convention centre has established. New Rexroth lab has been established.
Academic plan, University Annual calendar, Time table and in the beginning of the academic year the university plan, curriculum designed, course plan preparation, Graded assignment, lecture notes preparation.	The planned information of annual calendar circulates for all Schools/ Departments/ Centres. Time table and course plan are prepared by the faculty as per the syllabus of subject courses under the guidance of HOD and uploaded on LMS software and website. It is implemented without any deviation.
Yearly meeting of Board of Studies	Revision and modification in syllabus has been done on the behalf of Alumni/Industry person/ Academician/subject experts as per the need of industrial requirement and competitive exams by holding the yearly meeting of BOS.The University

	has reviewed all its syllabus during year 2017-18
Research Sensitization:- Monthly meeting of Research Cell and IPR cell, grant received, publications, Patent filled	The University has conducted FDPs for training faculty members in research, publication, innovation and IPR. IQAC conducted quarterly review of the status and took necessary actions.
Interactive Platform:- Organizing Conference/Seminar/Work shop of the academic year.	Each School/Department/Centers organizes at least one conference/Seminar/work shop in each semester for the student and faculty to provide them the plate form for gaining and sharing the knowledge. Total 21 workshops were conducted.
Regular meeting of Anti ragging/ other disciplinary cells	All the grievance of students sorted out by frequent meeting of these cells. The grievance redressed cell is very active in attending the grievance of the students on all fronts.
Formation of collegiate system	To foster fraternity among students & to ensure a creative learning environment amongst peers. The system aims at imbibing harmony, cooperation and mutual respect through cultural exchange. These colleges are organizing various academic, co-curricular and social activities throughout the year to develop leadership, team spirit, mutual respect and camaraderie among collegiate. For participation in various activities various prizes and awards have been instituted by the university.
Examination conduction	Examination for both the semesters Odd and Even semester has been as per schedule. The university has taken all steps to declare the results on time and the evaluation process are very clear. In the beginning of the academic year the evaluation process are given/ provided to all the students to avoid the grievance.
Monitoring and Auditing of Learning Management System:-Based system for Academics and administrative section.	Effective and efficient function of academics and smooth execution of administrative task save carried out to achieve the goals and objective decided in advance by IQAC
Recruitment of Faculty and administrative staff on vacant position	The vacant positions in different schools/departments/centers tried to fill to strengthen of academia and research. A continuous recruitment policy has been adopted as per the requirement.
Conduction of Annual events/sports/community club activity	Monitoring and auditing of quality of annual function/sports/community clubs activities conducted by coordinators of each schools/departments. Participation of the

	university students at state and natural level was ensured, Similarly in the University sports activity the participation of other academic institutions was ensured.
Daily Monitoring and auditing of academics activities	IQAC cell conducts academic audit in each department on regular basis to ensure and audit the timely conduction of classes, labs, tutorials with a focus on the quality of teaching.
MOUs with universities and organizations	24 MOUs have been signed with other University and organizations for quality improvement of academic and research and to have global presence.
Analysis of research publication in Scopus indexed journals and UGC indexed journals	During 2017-18 faculty members and research scholars published 228 research papers in Scopus and UGC Indexed journals and 6 patients have applied.
Conduct and analysing of quality circle meetings	Quality circle meeting reports are submitted through online LMS software for all the programmes for follow up and necessary action taken.
Enhancement of faculty qualifications	A gradual increase in the number of faculty members with PhD degree. All eligible faculty members are enrolled in Ph.D programs. University taking all necessary steps to provide leave and other benefit to complete their Ph.D.

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

1. Collegiate system
2. Green policy
3. ICT applications to academic and administrative functions, Faculty Development and Faculty Mentoring System, Excellence in teaching and research, Student Involvement in Specialised Dedicated Research Centres, Single Window System: A great system for administrative reforms, Soft Skills and Technical Tests, PECA (proficiency in co curricular system),
4. Pillars of Dedication, Free Courses for the Development of the Society, Distance Learning Course on Leadership, Hydroponics(Soil free farming), Community Clubs, Student Managed Youth Festivals,
5. Well functional regulatory bodies like IQAC, Various Task-forces, Cells, Women Grievance cell, Anti-ragging committees and Anti-ragging Squads, Placement cells; functional Environmental Policy for university and Green Calendar; regular organization of curricular and co-curricular activities viz. talks, seminars, symposiums, workshops, conferences, sports and cultural activities and extensive extension and outreach activities are some of the Best Practices of the University.

Annexure- Best Practice- i

Title: Collegiate system

Collegiate System at Suresh Gyan Vihar University
Suresh Gyan Vihar University has introduced an innovative Collegiate System and proudly announces that one and the only university having Collegiate System in India.

Aims and Objectives:-
To foster fraternity among students & to ensure a creative learning environment amongst peers. The system aims at imbibing harmony, cooperation and mutual respect through cultural exchange.

Structure:-
Presently, the university has six colleges. Their names have been dedicated to the hero's of India, who sacrificed their life for the nation. (i) Ashfakullah (ii) ManuKarnika (iii) PannaDhay (iv) Bismil (v) BirsaMunda (vi) Surya Sen. Each collegiate is led by a 'Master' and supported by 'Fellows'. It comprises of a group of students residing in one of the above mentioned houses as well as affiliated day scholars, faculty and administrative staff members. Every student is assigned to a specific collegiate which is independent of his/her study program, year of study, state, country/region and gender, which makes the system diverse and interdisciplinary. The members have regular interaction among themselves throughout the year. Further, through this concept, the members of each college come into contact with people of inter and intra- collegiate and help in developing a social and harmonious group/network.

Activities:-
These colleges are organizing various academic, co-curricular and social activities throughout the year to develop leadership, team spirit, mutual respect and camaraderie among collegiate. For participation in various activities various prizes and awards have been instituted by the university

Best Practice-ii

Title: Green Policy

Objectives: The objectives of introducing Green policy are
a.   To introduce ideas of development of environment and ecology in every thought and action in the entire university.
b.   To set greenery as the top priority in all decisions. The ideas of giving top priority to ecology, nature and environment must be implemented in our day to day life and must be part of all our thoughts and actions.
c.   To involve students in protecting and developing environment. These initiatives must be based on involvement of everyone in the University to ensure spread of these ideas.
Context:
Climate change and water crisis are the biggest issues facing entire planet. These issues will decide the fate of the future generations. There is a need of initiatives to protect

and preserve environment at all levels. Participation of students in these initiatives will help us in creating champions for environment for a better future. The university has been pioneer in introducing required initiatives to infuse the spirit of environment consciousness among students and academic fraternity.

Initiatives: -

Suresh Gyan Vihar University has adopted Green Policy as its fundamental doctrine. The green policy has following significant pillars: -

a. Tree Plantation and Greenery
b. Solar Energy
c. Energy Conservation Initiative
d. Promotion of Eco-friendly Technologies
e. Paper Less Offices
f. 100% Water Recycling
g. Raising Awareness about Climate Change, Water, Forests and Ecology
h. Celebration of Earth Day and Organizing Regular Events for Environment
i. Community forums on environment

These points are explained as below: -

a. **Tree Plantation and Greenery** - The university has undertake massive tree plantation. Students, faculty members and volunteers join to undertake plantations and take oath to protect and preserve trees. The campus has over 1000 lush green trees on its campus. Many dignitaries join the plantation initiatives of the university.

b. **Solar Energy** – the University has 240 KW solar plants to ensure that the university is using green energy and is contributing to the ecology and environment positively.

c. **Energy Conservation Initiative** – the university has organized energy conservation initiatives, awareness program and initiatives towards greener world.

d. **Promotion of Eco-friendly Technologies** – the university has many research centers and centers of excellence exclusively on green technologies and environment protection. These initiatives have resulted in publication of a large number of research papers in these sectors. A large number of technologies have also been developed and a few patents have also been applied.

e. **Paper Less Offices** – the university has been taking every initiative possible to promote environment, protect and conserve scarce environmental resources. Efforts are made to move towards paperless office. The university has introduced online LMS which enables the university to distribute study materials including eBooks and presentations among the students through the online mode.

f. **100% Water Recycling** – the university has been pioneer in implementing 100% water recycling. Due to efforts like this the University has received many accolades, rewards and recognition as Green campus.

g. **Raising Awareness about Climate Change, Water, Forests and Ecology** - regular events, conferences, workshops and public awareness programs are being organized. The University organizes annual program titled C3W, which is an acclaimed international program on Climate Change and Water Crisis.

h. **Celebration of Earth Day and Organizing Regular Events for Environment** – the University organizes Earth Day and other such events regularly to enable students to spread environment consciousness.

i. **Community forums on environment** – students have voluntarily created a student community titled Green Community to spread greenery and environment protection

Evidence of Success:

The green policy has achieved its desired goals and these achievements are for the benefit of the entire planet. The university has been able to generate most of its energy requirements through solar energy. The university has converted into a green and beautiful campus, where students and faculty try to promote environment consciousness. The C3W of the University has become a very popular event among academicians and students. A large number of environmentalists including Sri Rajendra-Singh visit the University year after year and interact with the students. Students also visit the field work of Tarun Bharat Sangh and participate in the revival of rivers and undertake activities to preserve and promote environment.

7.4 Contribution to environmental awareness / protection

The Section of Land & Garden has taken various steps for the awareness of environment in each of zones. The main objective of the section is to make Suresh GyanVihar University premises clean and green by adopting best practices to conserve soil and water. The section has developed various green areas, planted many different kind of trees and converted barren/ unused land into green area. Use of water in lawn through sprinkler system has also made it possible to minimize the loss of water.

Control soil erosion and cleanness programme run by the section are primarily done by mails/daily wager on a regular mode in each of zones.

The Land & Garden Section has successfully done various activities during the year 2017-18, which are outlined here under:-

- **Plantation –** During plantation drive in the various school/department/offices of the university more than 500 sapling including Neem, Sheesham, Alestonia, Ashok, Pilkhan, Arjun, Gulmohar, Amaltasetc and shrubs like, Jetropha, Hibiscus, Exora, Kamnietcwere planted during the rainy season and world environmental day.
- Landscaping and development of garden work successfully accomplished at School of Agriculture and Near Ashfaqullah Hostel.
- **Use of Organic Manure –** Bio fertilizers prepare data nursery by concerned school was exclusively used in order to make zero use of minimize synthetic fertilizer and pesticides.
- **Awareness solid waste management** - Mali/Daily Wagers of the school/department were made aware of the significance of hygiene and cleanliness by the senior faculty/officers of the school/department and which got effectively implemented.
- Weeding and removal of unwanted plants was effectively done covering residential area and various school/departments of the university.
- **Pruning and trimming of trees -** With a view to keep trees in proper shape and height proliferated and extra branches were successfully removed. During exigency, dangerous trees/branches were removed promptly to save any damage to life of residents.

> ✓ **Following are some more Environmental awareness programmes:-**
> 1. Slogan Writing
> 2. Essay Writing Competition
> 3. Plantation drive
> 4. Photography
> 5. Cleanliness drive
> 6. Community awareness workshops/seminars/camps.
> 7. Environmental Awareness drive is created through encouraging students to use public transport/bicycle on any one day of every month.
> 8. Continued green cover expansion in the campus
> 9. Water Harvesting
> 10. Poster making Competition

7.5 Whether environmental audit was conducted? Yes ☑ No ☐

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

> **SWOT Analysis:**
>
> 1. **Strength**
> (i) Premier Institution of higher learning in India.
> (ii) University received fund from funding agencies.
> (iii) Highly Qualified and Dedicated Faculty.
> (iv) Transparency in examination and evaluation process.
> (v) Rich Library available.
> (vi) Promoting multidisciplinary research and issues related to local community
> (vii) Historical Tours.
> (viii) Great Infrastructure facilities.
> (ix) Effective teaching-learning process with the use of LMS.
> (x) Transparent evaluation process.
> (xi) The university has collaboration with Google, Amazon, Bosch, BSE etc.
> (xii) A large number of students pass out from the University have become successful entrepreneurs
> (xiii) Every year over more than 70 companies come to our University for placement purpose.
> (xiv) Every year a large number of great speakers and leaders visit our University and give talk to our students
> (xv) Every year a large number of research papers are published by our faculty and research scholars, which get good ranking in different rankings.
> (xvi) The University is the pioneer institution in introducing latest technologies including solar panel, weather station, LMS system etc.
> (xvii) Regular recruitment of the faculty members as per the requirement of the university.
> (xviii) Affordable fees.
> (xix) Location of the state capital.

(xx)   International recognition.

2. Weakness

(i)   Lesser number of Ph.D. faculties in Engineering and technology.

(ii)   Sponsored projects and grants.

(iii)   A large number of students are from very backward regions and they lack expertise in English language.

3. Opportunity

(i)   Multidisciplinary courses in emerging areas.

(ii)   Linkages with local industries for skilled human resource.

(iii)   UGC funding, consultancy, and research projects.

(iv)   Collaboration and partnerships with national and international institutions and industries.

(v)   Spreading education in emerging sectors including sectors relating to solar energy, sustainable development and geo-informatics.

(vi)   There is a large opportunity in the field of corporate consultancy, training and development and this can help us in creating better industry connect.

(vii)   There are a large number of research areas in the sectors, where the university has strong forte. The areas like climate change, energy are now becoming the most important sectors for research and innovations.

(viii) The university has been approached by many global research institutions for possible collaboration and exchange of students and faculty, which may help in the years to come.

(ix)   International projects.

4. Threats:-

(i)   Fluctuating demand in Industry.

(ii)   Low grade institution with very specific programs.

8. Plans of institution for next year

The university has prepared a well structured one year plan for its future direction. This plan guides the university about its future activities. The future plan has following significant milestones: -

1. **Green Policy**: the University will continue to pursue its green policy and will add new courses on green technologies including latest fields of energy, civil constructions and digitalization.

2. **Digital Literacy**: - the University has started massive digital literacy initiatives in collaboration with   Google which will continue in the future also.

3. **Collaborative Ventures**: - the University will pursue collaborations with industries and institutions to develop new technologies for the benefit of the mankind. In this pursuit, the university has already formed collaborations with Amazon, Google, Bosch, BSE etc.

4. **Cloud computing**: The University has established a specialized centre on this theme and is planning to conduct extensive research and training in this field.

5. **Entrepreneurship**: - The university plans to introduce optional courses on entrepreneurship, so that more and more students may take up entrepreneurship as their career.

6. **Physical Education**: - Due to importance of physical education, the university will start physical education for every student and will integrate it with the sports and physical fitness training.

7. **Agriculture and Rural Development**: - Since India is essentially an agriculture based economy, so the University has been giving emphasis on this sector. The University has already adopted a village. Planning will be done on development of a model village.

8. **Climate Change and Water Crisis**: - the University has been giving emphasis on this sector. A research centre on this theme has already been started. The university organizes annual C3W to promote awareness about climate change and water crisis.

9. **University taking necessary steps to the following**
   a. Consultancy services
   b. Extension services
   c. Tie up with industry for training and research
   d. Organized funded international level workshop & symposia/ seminar/conference.

10. Introducing more Skill development and Vocational Courses.

11. To strengthen research activities, new research projects will be submitted to various funding agencies

12. Strengthening of the Placement Cell.

13. Modernization of laboratory.

14. To organize more alumni meet at school level.

15. To organize more conferences, workshops and training programs.

16. Developing programs to enhance the student's awareness and abilities in media ethics.

17. Developing programs to enhance awareness and abilities of social engagement and responsibilities.

18. More emphasis on research funded projects, patents, copy rights. Measures and Monitoring. IQAC will develop measures and action taken to monitor the achieve goals of the university on the above issues and will collect data and feedback from different stack holders to ensure timely corrective actions.

19. University taking necessary steps to fill up the vacancies.

20. IPR technology transfer.

21. Strengthening of Research.

22. Some new program will launch.

Manish Sharma   Dr. Dharam Buddhi

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

Annexure-1(Point no. 1.3)

Stakeholder's Feedback Analysis

a. Feedback from Alumni

Suresh Gyan Vihar University has grown many folds with the support and active participation of its alumni. University is having almost 20000 alumni, who time and again join hands with their teachers and successors to enhance the cognitive skills of the Product of the University. More than 700 Alumni of the University are serving as a unique profile of Industrial Mentor to each and every scholar of the university. During this mentoring process they give feedback to the Faculty and the students about latest, in demand and prospective technical skills to be added amongst all the scholars, before landing into the Industry, Based on these Feedback almost every department has upgraded its curriculum to more than 20% and the outcome of the same has be quantified by partnership of SGVU with Premier Organizations like Google, Amazon, Bosch- Rexroth, Karcher, BSE and many more. These organisations facilitate the hands-on technical learning to the scholars on best to use technologies. Alumni of SGVU frequently visit the campus, for Alumni Meet or Interaction with their Mentees and faculty members. All the suggestion given by the Alumni are discussed in various bodies like DAPC (Departmental Academic Program Committee), UAPC (University Academic Program Committee) and are finally ratified at respective BoS. Many Alumni are also part of UAPC & Various BoS of the University too.

b. Feedback from Parents

University regularly organizes Parents' Meeting at department or school level, parents personally interact with the faculty to know about the academic performance, regularity, conduct and behaviour of their wards and also provide the feedback on teaching skills and personal attention given by the teachers to the student. Also many parents who are well versed with the curriculum provide their feedback on content of the scheme or curriculum too. Such Feedbacks helps the schools/departments to ensure quality learning of the scholars along with latest technical skills added on to their profile. The personal tutors are always in contact with the parents and getting their feedback at personal level too.

c. Feedback from Employers/Recruiters/ Industry Experts

University ensure that all the bodies pertaining to syllabus designing and syllabus approval are having one industrial expert and one academic experts in the committee, who reviews the complete curriculum of the respective program and provides the latest inputs in the curriculum. Along with this the DAPC and heads of schools/Departments also facilitate the feedback from the employers and industry experts at their level too. Apart from above, during the placement drives conducted the campus the Training cell and Heads of respective Departments all obtain feedback from the Technical and HR experts from the recruiting body. Feedback is also taken from Subject experts who are invited to the University as Resource Persons, Members of Inspection Commission and External Examiner for conducting Viva-voce, Special invitees to the seminars, symposium and workshops etc. These feedbacks are incorporated in the syllabus by the committee responsible for the syllabus formation. The outcome of this process has ensured that the curriculum of SGVU is quite dynamic and is compatible with any peer institution across the globe.

d. Students

Students feedback is taken by IQAC on a well designed feedback form on the teaching learning process and quality of contents and delivery of the curriculum. Data received is analysed and shared with the concerned faculty members and corrective measures are taken if required by the schools and departments. The learners who are part of SGVU family are also given equal share in feedback designing, infect each BoS has two student representatives of the respective program and Department. These representatives contribute in the process of syllabus formation, discussion and queries provisioned by them during the course of study on a particular course/s.

Based on the feedback from all the stakeholders, duly discussed at DAPC, the up gradations/correction/enhancements in the curriculum are proposed in the Board of Studies for discussion and approval. The BoS then approves the syllabus for the faculty, which further ratified by the Academic Council.

Annexure- Best Practice- i

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Solar Power Plant:-

C3W:-

Green Campus:-

Collegiate System:-