The Annual Quality Assurance Report (AQAR) of the IQAC

2015-16
Part – A

1. Details of the Institution

1.1 Name of the Institution	Sam Higginbottom Institute of Agriculture, Technology & Sciences
1.2 Address Line 1	Sam Higginbottom Institute of Agriculture, Technology & Sciences
Address Line 2	Agriculture Institute Rewa Road, Naini, Allahabad
City/Town	Allahabad
State	Uttar Pradesh
Pin Code	211007
Institution e-mail address	registrar@shiats.edu.in
Contact Nos.	9839609801
Name of the Head of the Institution:	Most Rev. (Prof.) Dr. Rajendra B. Lal
Tel. No. with STD Code:	+91 532 2684284
Mobile:	+91 9415309119
Name of the IQAC Co-ordinator:	Prof. (Dr.) A. K. A. Lawrence

Mobile:

+91 9936444447

IQAC e-mail address:

provicechancelloraa@shuats.edu.in

1.3 **NAAC Track ID** *(For ex. MHCOGN 18879)*

13705

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/65/RAR/02 dated 25.10.2013

1.5 Website address:

www.shiats.edu.in

Web-link of the AQAR:

http://www.shiats.edu.in/iqac/aqar2013-14.asp

For ex. http://www.ladykeanecollege.edu.in/AQAR2012-13.doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B++	-	2005	2010
2	2nd Cycle	A	3.14	2013	2018
3	3rd Cycle				
4	4th Cycle				

1.7 Date of Establishment of IQAC :   DD/MM/YYYY   2010

1.8 **AQAR for the year** *(for example 2010-11)*   2015-16

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

   i. AQAR _____2010-12_____   _____2013_____ (DD/MM/YYYY)
   ii. AQAR _____2012-13_____   __March 2017 (DD/MM/YYYY)
   iii. AQAR _____2013-14_____   __March 2017 (DD/MM/YYYY)

iv. AQAR   2014-15   Feb. 2017 (DD/MM/YYYY)
v. AQAR   2015-16   Feb. 2017 (DD/MM/YYYY)

1.10 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 ☐

NAAC and NCTE

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

Type of Institution   Co-education ✓ Men ☐ Women ☐

              Urban ✓ Rural ☐ Tribal ☐

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

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

1.11 Type of Faculty/Programme

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

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

Others   (Specify)   Nil

1.12 Name of the Affiliating University *(for the Colleges)*   Nil

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

Autonomy by State/Central Govt. / University   Nil

University with Potential for Excellence		UGC-CPE		
DST Star Scheme		UGC-CE		
UGC-Special Assistance Programme		DST-FIST		
UGC-Innovative PG programmes		Any other (*Specify*)		
UGC-COP Programmes				

2. IQAC Composition and Activities

2.1 No. of Teachers   6

2.2 No. of Administrative/Technical staff   4

2.3 No. of students   1

2.4 No. of Management representatives   1

2.5 No. of Alumni   1

2. 6 No. of any other stakeholder and

community representatives   1

2.7 No. of Employers/ Industrialists   1

2.8 No. of other External Experts   1

2.9 Total No. of members   16+2

2.10 No. of IQAC meetings held   [02]

2.11 No. of meetings with various stakeholders: No. 11   Faculty   7

Non-Teaching Staff Students   1   Alumni   1   Others   2

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

If yes, mention the amount

Nil

2.13 Seminars and Conferences (only quality related)

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

Total Nos. [ ] International [ ] National [1] State [ ] Institution Level [ ]

(ii) Themes

- National Workshop on "Creation and Establishment of Virtual Classroom & e-Learning"

2.14 Significant Activities and contributions made by IQAC

> Surveillance audit by ISO 9001-2008
> Promote Sensitivity in Research

2.15 Plan of Action by IQAC/Outcome

1.	**Curricular aspects**	
(a)	To undertake revision/update of Curricular/Syllabus and regulation	Revision of syllabus has been done for selected schools Regulations have been updated
(b)	To collect feedback from stake holders	Feedback from all the stakeholders were taken manually. Some of feedbacks were taken telephonically and some in the meetings in informal way.
2.	**Teaching, Training and Evaluation**	
(a)	To add new faculty	New faculty has been added in some schools
(b)	To undertake faculty improvement through conferences / trainings / paper presentation	The faculty has been sent in national and international conferences to present papers, conferences and to attend trainings.
(c)	To adopt examination evaluation reforms	Implemented
(d)	To take steps for proper Monitoring and Evaluation of Teaching and Learning process	Monitoring and Evaluation is the normal feature in semester system
(e)	To adopt Best practices	Best practices in teaching learning and evaluation were adopted by preparing Academic Calendar, Teaching schedule, innovative assignments, Remedial and special classes, Tutorial classes to address students questions, Mentoring system, encouraging self-learning.
(f)	To take Accreditation from requisite authorities	NAAC Reaccreditation 2013-14 ICAR team (2010-2015) Indian Council of Forestry Research and Education ICFRE Reaccreditation 2015 MHRD Placed SHIATS in A category Deemed University

(g)	To take Certification and conduct audits	ISO 9001-2008 Certification 2015
(h)	To take Memberships of different organizations	Association of Indian Universities(AIU) Indian Agricultural University Association (IAUA) International Association of Universities (IAU) All India Association of Christian Higher Education (AIACHE) Association of Commonwealth Universities (ACU) Asia-Pacific Association of Agricultural Research Institutions(APAARI) Global Consortium of Higher Education and Research for Agriculture(GCHERA)
(i)	To sign MoUs with other organizations for better learning of students and faculties	MoUs with national and International Institutions Were done
3.	**Research, Consultancy and Extension**	
(a)	To promote Sensitivity and Research and sign MoUs with research organizations	MoUs were signed Projects were funded by the university Best research paper award was given to encourage the publication. Departmental research committee was constituted Animal House facility Established Awareness among faculty was created for submission of externally funded projects. National, International seminar, Symposia, training and workshop was organized. Fellowships were awarded to meritorious students. Intellectual property Right information facilitated.
(b)	Submission of Projects to University and outside agencies	New projects have been submitted by various departments.
(c)	To encourage publication of Research Paper	The faculty have published number of national and International research papers
(d)	To undertake Publication of University reports	Annual report published
(e)	To Conducting Goshthies / Seminars / Trainings in villages, organizing melas	Schools and Departments organizes seminar and conferences Directorate of extension have organized number of trainings, Goshtees at the villages and Kisan Mela at University Campus
(f)	To undertake collaborative Research in PPP mode	Collaborative research under PPP mode to explore the areas of synergy in new horizons of science & Technology has been initiated.
4.	**Infrastructure and Learning resources**	
(a)	To plan for Improvement and increase in facilities of classrooms, labs, hostels	--- facilities have been improved
(b)	To Improve library facilities	Additional books and journals have been added
(c)	To take steps for Technology up-gradation	White board, LCD projectors, computers
(d)	To plan Special Schemes and Laboratories	Seed testing laboratories 2011-12, 2014 Referral Lab Nutri-farm Scheme Centre of Excellence on Maize Experimental Learning Unit Seed Processing Plant

		Microbial Culture Collection Bank Crop Varieties developed
(e)		Lab manuals were published
(f)		Self-learning facilities generated and materials for learning beyond the syllabus encouraged.
5.	**Students support and progression**	
(a)	To Help students during admission counselling	Staff and students have volunteered during admission counselling
(b)	To organize orientation for new students	Orientation for students organized at the starting of session
(c)	To organize students awareness campaign through various means	All the University students were made aware regarding Anti-raging through Anti-raging Cell
(d)	Trading students progression	
(e)	To improve students placement	Campus interviews were organized
(f)	To organize students activities	Annual sports meet, departmental society activities were conducted.
6.	**Governance, Leadership and Management**	
(a)	To Adopt Quality improvement strategies in	University has well-structured system of governance containing Chancellor, Vice Chancellor, Pro-Vice Chancellors, Registrar. Directorates, Faculty and School Dean and Head of Departments. Number of committees have been formed to Govern and Implement specific jobs. Convocations have been organized
(b)	Curriculum development	Input from students and alumina were taken
(c)	Teaching and learning	Power point presentations encouraged
(d)	Examination and evaluation	Results were declared timely
(e)	Research and Development	
(f)	Industry interaction and collaboration	Some of the schools have sent the students for in plant training, MoUs signed, Masters student have joined some of the ICAR institutions to take up their research work. Bachelor's Degree students were also sent for their summer trainings.
(g)	To adopt welfare schemes	
(h)	To conduct Audits	Internal External Audit Conducted
8.	**To take Initiative towards making campus eco-friendly**	Dustbins were fixed at various places in campus Campus greenery was maintained.

Academic Calendar of 2015-16 as Annexure A1, A2

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

Management ☐   Syndicate ☐   Any other body ☑

Provide the details of the action taken

> The AQAR was placed in the Academic Council meeting 2016 and approved as per action of Academic Council
>
> **AC/39 – 2016-34**

The Annual Quality Assurance Report (AQAR) of the IQAC 2015-16

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	47		24	47
PG	108	12	66	108
UG	44	02	36	44
PG Diploma				
Advanced Diploma				
Diploma	16			16
Certificate	02			02
Others	02			02
Total	219			219

Interdisciplinary	12			
Innovative				

✓

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	217
Trimester	
Annual	02

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

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

* Analysis of the feedback has been provided in Annexure I - IV

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

- The revised eligibility criteria for admission in postgraduate programmes offered by Dept. of Plant Pathology, Dept. of Entomology & Dept. of Genetics and Plant Breeding applicable from 2016 batch was approved by the Academic Council.
- The revised eligibility criteria for admission in postgraduate programmes offered by Dept. of Agroforestry, Dept. of Siliviculture, Tree Breeding & Forest Biology and Dept. of Environmental Science applicable from 2016 batch was approved by the Academic Council.
- The revised course structure and syllabus of M. Tech. Agricultural Engineering (Irrigation and Drainage Engineering), M. Tech. Agricultural Engineering (Soil, Water and Conservation Engineering) and M.Tech. Water Resource Engineering was approved by the Academic Council.
- The increase in intake of B.Tech. Agricultural Engineering and B.Tech. Food Technology programs with effect from July, 2016 was approved by the Academic Council. The proposal was approved by the Hon'ble Vice Chancellor and ratified by the Academic Council.
- The recommendation to start evening programmes (part time) at the Shepherd School of Engineering & Technology from the academic session 2016-2017 (July, 2016) was approved by the Academic Council. Further, it was also resolved that part time teachers, professionals from industries shall be engaged as visiting faculty.
- The recommendation for deficiency courses in agriculture of 30 credits for candidates admitted in M.Sc. (Ag.) Biotechnology and M.Sc. (Ag.) Biochemistry programs from non-agriculture background was approved by the Academic Council.
- The recommendation for the appointment of visiting Professor at the Jacob School of Biotechnology & Bioengineering was approved by the Academic Council.
- The course title "Advanced Study of Human Body Fluids" (FS-980) credit hours (3-0-in Department of Forensic Sciences was recommended to be included as major course work in the Ph. D. Forensic Science.

- The recommendation to submit proposals to start the following programmes to NRC – NCTE, Jaipur was approved by the Academic Council.
o 4-Year Bachelor Elementary Education   (B. L. Ed.),
o 4-Year Integrated B. Sc. B. Ed. / B.A. B.   Ed. Degree and
o 3-Year Integrated B. Ed.-M. Ed. Degree   Programme.

- The revised syllabus for research methodology was approved by the Academic Council.
- The revision in the course title and syllabus of Human Development & Professional Ethics and Personality Development (PSY-302) as Personality Development from July-2016 for all undergraduate programmes was approved by the Academic council. Further, it was also resolved that the course Personality Development (PSY – 302) shall be offered to all undergraduate programs of Engineering.

- The recommendation to reduce the number of seats in MA and M.Sc. programs of Anthropology was approved by the Academic Council.
- The revision in credit hours of courses offered in UG and PG programmes from the session 2016 and 2017 was approved by the Academic Council.
- The recommendation to exclude education excursion and its fee from all UG programmes and inclusion of refundable film production fee / digital film production fee in BA-JMC, B. Sc.-A & Vfx & BA-A & Vfx from the session 2016-2017 was approved by the Academic Council.

- The course work and syllabus for Ph.D. in Journalism and Mass Communication was approved by the Academic Council.
- The revised course codes of MA in Film Making and Post Production was approved by the Academic Council.
- The recommendation to redesign BBA (Hons) programme as dual exit BBA programme was approved by the Academic Council.
- The revision in course structure and syllabi of all courses of the three year B.Com. programme was approved by the Academic Council.
- Course codes and syllabi of Ph.D. areas which were approved by 37th Academic Council vide its minute EC/38-2015-18 (AC/37-2015-29/05). The areas are Accounting and Development Economics and are offered purely to the international students. In addition, it was also resolved to recommend the modified course structure and syllabi for the Ph.D. areas of Finance and Commerce. The recommendation was approved by the Academic Council.
- Existing course title of BBA-301 "Business Analytics" to "Introduction to Business Analytics" with the same course code with the revised syllabus of BBA-301 was approved by the Academic Council.
- It was recommended to the Academic Council to change the existing course title of MBA-703 "Business Analytics" to "Business Analytics-I" with the same course code with the revised syllabus of MBA-703. and to introduce "Business Analytics-II" in the IV semester as a compulsory paper for all stream of MBA programmes that are offered in the School with a new course code i.e. MBA-704.
- The revised syllabus of MBA-704 as well as the revised course structure of MBA programmes are recommended for the approval and approved by the Academic Council.
- The recommendation to change the title of B.Sc (Medical Laboratory Technology) program to B.Sc. (Medical Laboratory Techniques) was approved by the Academic Council.
- The recommendation to abolish first term/ second term and mid-term examinations for the course conducted by Faculty of Health Sciences was approved by the Academic Council.
- The recommendation to change the name of Department of MLT to Department of Clinical Laboratory Science was approved by the Academic Council.
- The recommendation to set up a course review committee and its configuration was approved by the Academic Council.
- The recommendation to appoint the Chairperson for dissertation presentation of M.Sc. (MLT) programs by Dean, Post Graduate Studies was approved by the Academic Council.
- The recommendation to revive B.Sc. (Health Science-Health Management) program was approved by the Academic Council.
- The revised academic regulation for Doctoral programmes was approved by the Academic Council. Further, it was also resolved to refer the approved academic regulations for Doctoral programmes – 2016 to the respective School Deans and Head of the Departments for their comments to the Pro Vice Chancellor (Academic Affairs) if any, within fifteen days.
- The guidelines for preparation and submission of Ph.D. thesis were approved by the Academic Council. Further, it was also resolved to refer the approved guidelines for preparation and submission of Ph.D. thesis to the respective School Deans and Head of the Departments for their comments to the Pro Vice Chancellor (Academic Affairs) if any, within fifteen days.

- The revised grading system for the new batches (New Admissions-2016) was approved by the Academic Council. Further, it was also resolved to refer the approved grading system to the respective School Deans and Head of the Departments for their comments to the Pro Vice Chancellor (Academic Affairs) if any, within fifteen days.

- The revised Performance Based Appraisal System (PBAS) proforma for Career Advancement Scheme (CAS) promotions of University Teachers based on Academic Performance Indicators (APIs) was approved by the Academic Council. Further, it was also resolved to refer the revised Performance Based Appraisal System (PBAS) proforma for Career Advancement Scheme (CAS) promotions of University Teachers based on Academic Performance Indicators (APIs) to the respective School Deans and Head of the Departments for their comments to the Pro Vice Chancellor (Academic Affairs) if any, within fifteen days.
- The proposal for National Service Scheme (NSS) as an Elective Compulsory Non-Credit Course for all Undergraduate Programmes of the University was approved by the Academic Council.
- The recommendation on the retention period of evaluated answer sheets of distance education was approved by the Academic Council.

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

Proposal to establish centre for Science and Theology under faculty of Theology was approved by the Academic Council.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of
permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
371	257	62	45	07

2.2 No. of permanent faculty with Ph.D.

229

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
25	-	04	-	02	-	-	-	31	-

2.4 No. of Guest and Visiting faculty and Temporary faculty   27   20   96

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	63	469	27
Presented papers	37	212	18
Resource Persons	02	17	01

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

Campus wide Wireless Networking, e-learning, digital library, mentoring, funding for innovative students and faculty research projects

An intranet portal is available, in which faculty members will upload power-point presentation, teaching materials, question bank, etc.

2.7 Total No. of actual teaching days

during this academic year

| 195 |

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

- The revised grading system for the new batches (New Admissions-2016) was approved by the Academic Council. Further and implemented from July, 2016 for New batches (New Admissions) of all Undergraduate programmes
  The Grading system of the University is based on Ten Point Scale. The points earned by the students in each course will be on the basis of the actual marks obtained in all tests and examinations. SGPA of every semester and CGPA shall be calculated on the basis of credits hours and points earned in each course. There shall be no relative grading.

A. Configuration of grading System
  The significance of letter grades with reference to percentage and meaning shall be as follows :

Percentage of Marks	Meaning	Points Earned
85% or above marks	Excellent	The points earned by the student in all courses in a semester will be according to the actual marks obtained in such courses.*
70 to 84.99%	Very Good	
60 to 69.99%	Good	
50 to 59.99%	Fair	
Below 50%	Repeat	
Incomplete	Incomplete	No points

Project work/ Training etc.		
60% and Above	Satisfactory	No points
Below 60%	Unsatisfactory	No points

  * If marks secured by the student in a course are 86, then the points earned shall be 8.6

B.   Computation of Grade Point Average

1. Semester Grade Point Average (SGPA) for each semester shall be computed as follows:

$$SGPA = \sum_{i=1}^{n} C_i\, G_i \; / \; \sum_{i=1}^{n} C_i$$

  Where: n - Number of courses registered
          C_i - Number of credits allotted to a particular subject

Gi - Earned points, corresponding to the actualmarks awarded in the course

2. The Cumulative Grade Point Average (CGPA) shall be computed at the last semester, which gives cumulative performance of the student from the first semester to the last semester to which it refers. The CGPA shall be computed as:

$$CGPA = \sum_{i=1}^{m} Ci\,Si \; / \sum_{i=1}^{m} Cm$$

Where: m -Total number of semesters being considered

Si - SGPA of every semester student has been registered

Ci–Number of credits registered in every semester

Cm – Total number of credits registered up to the last semester

The SGPA and CGPA will be rounded off to the second place of decimal and recorded as such.

C. Graduation requirements for Undergraduate Programmes

i. The minimum prescribed grade point to clear each course in undergraduate programmes is 5.00.
ii. A student is required to score minimum SGPA of 6.00 out of 10 points in each semester.
iii. A minimum CGPA of 6.00 is required for the award of all the degrees.

The performance of a student in a semester shall be deemed to be unsatisfactory, if he/ she scores less than 6.00 CGPA out of 10 points after completing 8 semesters. However, such student may be given an opportunity to reappear in End-Term Examination (totalling to 100 % marks) in only those courses in which he/ she has secured more than 50% but less than 59.99% marks to improve his/ her grades in relevant/additional semesters.

D. Divisions :

Divisions may also be mentioned on the transcript and the Provisional Degree Certificates of the graduates of the University along with the Cumulative Grade Point Average on the basis of the following equivalence:

Division	C.G.P.A.
First with Distinction	8.50 and above
First	7.00-8.50
Second	6.00-6.99

Revised Grading system to be effective from July, 2016 for New batches (New Admissions) of all Postgraduate and Doctoral programmes. The Grading system of the University is based on Ten Point Scale.

A. Configuration of grading System

Percentage of Marks	Meaning	Points Earned
85% or above marks	Excellent	The points earned by the student in all courses in a semester will be according to the actual marks obtained in such courses.*
70 to 84.99%	Very Good	
60 to 69.99%	Good	
50 to 59.99%	Fair	
Below 50%	Repeat	
Incomplete	Incomplete	No points

Project work/ Training etc.		
60% and Above	Satisfactory	No points
Below 60%	Unsatisfactory	No points

* If marks secured by the student in a course are 86, then the points earned shall be 8.6

B. Computation of Grade Point Average

1. Semester Grade Point Average (SGPA) for each semester shall be computed as follows:

$$SGPA = \sum_{i=1}^{n} C_i G_i / \sum_{i=1}^{n} C_i$$

Where: n - Number of courses registered

   C_i - Number of credits allotted to a particular subject

G_i - Earned points, corresponding to the marks awarded in the course

2. The Cumulative Grade Point Average (CGPA) shall be computed at the last semester, which gives cumulative performance of the student from the first semester to the last semester to which it refers. The CGPA shall be computed as:

$$CGPA = \sum_{i=1}^{m} C_i S_i / \sum_{i=1}^{m} C_m$$

Where: m -Total number of semesters being considered

   S_i - SGPA of every semester(s) student has been registered

C_i - Number of credits registered in every semester

   C_m – Total number of credits registered up to the last semester

The SGPA and CGPA will be rounded off to the second place of decimal and recorded as such.

C. Graduation requirements for Postgraduate & Doctoral Programmes

i. The minimum prescribed grade point to clear each course in postgraduate and doctoral programmes is 5.00.

ii. A student is required to score minimum SGPA of 6.00 out of 10 points in each semester otherwise he/she will be placed in scholastic probation.

iii. A minimum CGPA of 6.00 is required for the award of the degree.

The performance of a student in a semester shall be deemed to be unsatisfactory, if he/ she scores less than 6.00 CGPA out of 10 points after completing required semesters. However, such student may be given an opportunity to reappear in End-Term Examination (totalling to 100 % marks) in only those courses in which he/ she has secured more than 50% but less than 59.99% marks to improve his/ her grades in relevant/additional semesters.

D. Divisions

Divisions may also be mentioned on the transcript and the Provisional Degree Certificates of the graduates of the University along with the Cumulative Grade Point Average on the basis of the following equivalence:

Division	C.G.P.A.
First with Distinction	8.50 and above
First	7.00-8.49
Second	6.00-6.99

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

All BoS Members	All F.B. Members	-

All member of Board of Studies of each department /specially constituted committee under Dean / Associate Dean as Chairman and subject teachers, all Professors and all Associate Professors design the Syllabus.

2.10 Average percentage of attendance of students   79

2.11 Course/Programme wise distribution of pass percentage :

	School	Program	Department	Division				
				Distinction	I	II	III	Total
	Allahabad School Of Agriculture	U.G. Program	B.Sc. Ag.	74	4	3		81
			B.Sc. Horticulture	41	21	5	1	68
		P.G. Program	M.Sc. (Ag.) Agricultural Economics	19				19
			M.Sc. (Ag) Seed Science & Technology	25	13	2		40
			M.Sc. (Ag.) Agronomy	8	1	1		10
			M.Sc. (Ag.) Crop Physiology	16	3			19
			M.Sc. (Ag.) Entomology	14	9			23
			M.Sc. (Ag.) Genetics & Plant Breeding	15	16	3		34
			M.Sc. (Ag.) Horticulture (Floriculture & Landscaping)	14	4			18
			M.Sc. (Ag.) Horticulture (Fruit Production & Post Harvest Technology)	17	3			20
			M.Sc. (Ag.) Horticulture (Vegetable Science)	18	1			19
			M.Sc. (Ag.) Plant Pathology	15	12	5		32
			M.Sc. (Ag.) Soil Science	14	7			21
			M.Sc. Agricultural Extension	18	3			21
2.	Allahabad School of Education	U.G. Program	Bachelor of Education					
			Bachelor of Physical Education					
		P.G. Program	Master of Education					
			P.G. Diploma in Health and Fitness Management	5	1			6
3.	Chitamber School of Humanities and Social Sciences	P.G. Program	M.A. in Clinical Psychology	1			1	2
			M.A. in Counselling Psychology	1				1
			M.A. in Economics	12	1			13
			M.A. in Education	5		4		9
			M.A. in English					
			M.Sc. Anthropology	1				1
			M.Sc. in Clinical Psychology	1				1
			Master of Library & Information Science	5	3			8
4.	Christian School of Health Sciences	U.G. Program	B.Sc. in Public Health	1				1
			B.Sc. Medical Laboratory Techniques	8	6	3		17
			Bachelor of Pharmacy					
			Diploma in Pharmacy					
		P.G. Program	M.Sc. MLT Microbiology & Immunology	2		2	1	5
			Master of Public Health	2				2
5.	Ethilind School of Home Science	U.G. Program	B.Sc. (Hons) Home Science	9	13			22
			One Year Part Time Diploma in Fashion Technology	2		1		3
			Two Year Part Time Diploma in Fashion Technology			1		1
		P.G. Program	M.Sc. Clothing & Textiles	2				2
			M.Sc. Food Nutrition & Dietetics	11	7		18	
6.	Gospel & Plough School of Theology	U.G. Program	B.A. in Theology and History		1			1
			BA-BD Integrated (Five Years)		1			1
		P.G. Program	M.A. in Missiology					
7.	Jacob School of Biotechnology & Bio-Engineering	U.G. Program	B.Sc. (Hons) Biotechnology	19	7	7		33
			B.Tech. Bioinformatics	4	1			5
			B.Tech. in Biotechnology	21	19	9	5	54
		P.G. Program	Integrated M.Sc. Biotechnology (Five Year Programme)	3	2			5
			Integrated M.Sc. Microbiology (Five Year Programme)	2	2	1		5
			M.Sc. (Ag.) Biotechnology	5	9	3	1	18
			M.Sc. (Ag.) Microbiology	5	12	9		26

Sl. No.	School	Program	Program Name					Total
			M.Sc. Biochemistry (Plant Biochemistry/ Animal Biochemistry)		1			1
			M.Sc. Biotechnology (Plant Biotechnology/ Animal Biotechnology)	4	3	3		10
			M.Sc. Microbiology	3	4	2		9
			M.Tech. Bioinformatics	1	4			5
			M.Tech. Biotechnology (Bioprocess Technology)	1	2			3
			M.Tech. Biotechnology (Genomics & Proteomics)	2				2
			M.Tech. Biotechnology (Industrial Microbiology)	5	1			6
8.	Joseph School of Business Studies	U.G. Program	Bachelor of Business Administration (Hons)	18	13	7	3	41
			Bachelor of Commerce	31	60	18	1	110
		P.G. Program	Master of Business Administration	17	15	11	3	46
			Master of Business Administration (Agribusiness)	43	40	3		86
			Master of Business Administration (International Business)	2	2			4
			Master of Business Administration (Pharmaceutical Management)			1		1
			Master of Commerce	29	9			38
			Master of Commerce (Financial Accountancy)	2	1			3
			MBA (Forestry & Environment Management)		1			1
			MBA in Media & Event Management		1			1
9.	School of Basic Sciences	U.G. Program	B.Sc. Life Sc., Chemistry, Forensic Sc.	5	3	1	1	10
			B.Sc. Physics, Chemistry & Forensic Science	4	2	1		7
			B.Sc. Physics, Chemistry & Mathematics	7	9	1		17
			B.Sc. Physics, Mathematics & Computer Science	5	14	6	3	28
			B.Sc. Zoology, Botany & Chemistry	1	3	4	5	13
			Diploma in Fingerprint Examination					
		P.G. Program	M.Sc. (Ag.) Plant Physiology	8	1		2	11
			M.Sc. Botany	10	6			16
			M.Sc. Chemistry	12	7	1	3	23
			M.Sc. Forensic Science	10	5	3	1	19
			M.Sc. Forensic Science (Lateral Entry)	10				10
			M.Sc. Mathematics	6		2		8
			M.Sc. Physics	5	9	1	1	16
			M.Sc. Plant Physiology	2	3			5
10.	School of Film & Mass Communication	U.G. Program	B.A. in Advertising & Print Journalism		1	2		3
			B.Sc. Animation & Visual Effects	2	2			4
			BA in Journalism & Mass Communication	12	9	1		22
		P.G. Program	M.A. in Mass Communication	2	5			7
			M.Sc. Media Technology		1			1
11.	School of Forestry &Environment	U.G. Program	B.Sc. Forestry	36	32	7		75
		P.G. Program	M.Sc. Agro-forestry	9	3			12
			M.Sc. Agrometeorology	8	3			11
			M.Sc. Environmental Science	6	4			10
			M.Sc. Forestry	9	7	1		17
			M.Sc. Wildlife Science	3	1			4
12.	Shepherd School of Engineering & Technology	U.G. Program	B.Tech. Civil Engineering	25	40	17		82
			B.Tech. Computer Science & Engineering	23	30	17	8	78
			B.Tech. Electrical and Electronics Engineering	16	27	7	4	54
			B.Tech. Electrical Engineering	15	24	17	4	60
			B.Tech. Electronics & Communication Engineering	27	42	26	6	101
			B.Tech. Electronics & Instrumentation Engineering	6	8	2	1	17
			B.Tech. Mechanical Engineering	30	41	12	1	84
			B.Tech. Production & Industrial Engineering	10	15	3		28
			Bachelor of Computer Application	12	9	5	7	33
		P.G. Program	M.Sc. Computer Science		1			1
			M.Tech. Civil Engineering (Construction Engineering & Management)	4	2	1		7
			M.Tech. Civil Engineering (Structural Engineering)	5	1			6
			M.Tech. Civil Engineering (Transportation Engineering)	8				8
			M.Tech. Computer Science & Engineering	20	10	1		31
			M.Tech. Electrical Engineering (Control & Instrumentation)	4	1	1		6
			M.Tech. Electrical Engineering (Power Electronics)	2	5			7
			M.Tech. Electrical Engineering (Power System)	8	8			16
			M.Tech. Electronics & Communication Engineering (Communication System Engineering)	9	3	1		13
			M.Tech. Electronics & Communication Engineering (Optical Fibre Communication Engineering)		2			2

No.	School	Program	Program Name					Total
			M.Tech. Electronics & Communication Engineering (Signal Processing)	3	2			5
			M.Tech. Electronics & Communication Engineering (Wireless Communication Engineering)	4	3	1	2	10
			M.Tech. Mechanical Engineering (CAD/ CAM)	2				2
			M.Tech. Mechanical Engineering (Machine Design)		1			1
			M.Tech. Mechanical Engineering (Production Engineering)	9	4			13
			M.Tech. Mechanical Engineering (Thermal Engineering)	6				6
			Master of Computer Application	15	21	13	4	53
13.	Sunderesan School of Animal Husbandry & Dairying	U.G. Program	B.Sc. (Hons) Dairying	1	2	4		7
			B.Sc. Animal Husbandry & Dairying	14	12	1		27
			I.D.D. Dairy Husbandry	7	8	5		20
			I.D.D. Dairy Technology	11	13	12	10	46
		P.G. Program	M.Sc. Animal Science (Animal Genetics & Breeding)	2	2			4
			M.Sc. Animal Science (Animal Nutrition)	4				4
			M.Sc. Animal Science (Livestock Production Mgt.)	1	3			4
			M.Sc. Animal Science (Poultry Production)	1	2			3
14.	Vaugh School of Agricultural Engineering & Technology	U.G. Program	B.Tech. Agricultural Engineering	32	56	17	3	108
			B.Tech. Food Technology	25	21	9	2	57
			B.Tech. Water Resource Engineering	10	21	10	1	42
		P.G. Program	M.Sc. Remote Sensing & Geographical Information System	6				6
			M.Tech. Agricultural Engineering (Agricultural Process & Food Engineering)	4	8			12
			M.Tech. Agricultural Engineering (Farm Machinery & Power Engineering)	8	9			17
			M.Tech. Agricultural Engineering (Irrigation & Drainage Engineering)	2	3	5		10
			M.Tech. Agricultural Engineering (Renewable Energy)	3	2			5
			M.Tech. Agricultural Engineering (Soil & Water Conservation Engineering)	6	3	3		12
			M.Tech. Food Technology (Food Chain Management)	2	2	1		5
			M.Tech. Food Technology (Food Engineering)	8	4	4		16
			M.Tech. Food Technology (Food Laws and Policies)	1	4	1		6
			M.Tech. Food Technology (Food Process Engineering)	12	5	1		18
			M.Tech. Food Technology (Food Quality Management)	2	6			8
			M.Tech. Food Technology (Food Safety and Standards)	4	3	1		8
			M.Tech. Remote Sensing & Geographical Information System	3	1			4
			M.Tech. Water Resource Engineering	6		1		7
15.	Warner School of Food & Dairy Technology	U.G. Program	B.Sc. Food Technology	11	13	5	2	31
			B.Tech. Dairy Technology	8	14	12	8	42
		P.G. Program	M.Sc. Dairy Technology	8	9	3		20
			M.Sc. Food Technology	6	3	3	4	16
			M.Tech. Dairy Technology	2	2	1		5

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

A separate Directorate of Internal Quality Assessment and Assurance (IQAA) has been established under the University having Director, Additional Director, Training Officer and Coordinators to ensure sustenance and enhancement of Quality in all institutional activities. The IQAA plays a vital role in development of strategies, planning and formulation of policies, development of procedural codes. The formulation of quality management system for Teaching and Training within the University is done by regular interaction with teaching faculty, HoDs and Deans of specific Schools.

The Annual Report of the University is prepared by IQAA. The IQAA also prepared a structured questionnaires for collecting the feedback from students. The self-appraisal of faculty and departments is also done periodically. Quality Audits of the departments is done by the IQAA and record and the work processes are standardized through external ISO audits.

Feedback and suggestions of all stakeholders are given due weightage, evaluated to the development processes formulate and put in Management Review Committee.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	07
UGC – Faculty Improvement Programme	02
HRD programmes	04
Orientation programmes	20
Faculty exchange programme	05
Staff training conducted by the university	16
Staff training conducted by other institutions	06
Summer / Winter schools, Workshops, etc.	81
Others	04

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	98		2	120
Technical Staff	107		0	187
Others	19		2	276

Criterion – III

3. Research, Consultancy and Extension

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

> The IQAA works in collaboration with Directorate of Research to coordinate the process of sensitization and promoting Research Climate among faculty and students. Research coordinators at school level has been appointed to activate and plan the research among faculty.

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	30	30	44
Outlay in Rs. Lakhs	-	697.09	-	-

3.3   Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	28	28	28
Outlay in Rs. Lakhs	-	62.19		

3.4   Details on research publications

	International	National	Others
Peer Review Journals	516	268	00
Non-Peer Review Journals	24	74	03
e-Journals	05	02	00
Conference proceedings	12	20	00

3.5 Details on Impact factor of publications:

Range   Upto 15.038   Average   0.403   h-index   06   Nos. in SCOPUS   -

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	30	ICAR, UPCAR, ISRO, DST, MOES, ICFRE, CST, Computer Science, Science and Engineering Research Board, The National Academy of Science, Computer Society of India Education Directorate, Indian Council of Social Science Research	697.09	
Minor Projects	28	ICAR-DRR, ICAR-Directorate of Linseed, ICAR-IIPR, ICAR-IIVR, SHIATS, UPCAR, Rallies India Pvt Ltd. Cheminova India Limited, Makhteshim-Agan India Pvt Ltd, Indofil, Industries Ltd, Caritas India, ICAR, IMD Ministry of Earth Science, Department of Agriculture & Cooperation, Ministry of Agriculture, Government of U.P.	62.19	

Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	240	SHIATS	488.20	
Students research projects *(other than compulsory by the University)*	-	-	-	-
Any other(Specify)	-	-	-	-
Total				

3.7 No. of books published   i) With ISBN No. | 32 | Chapters in Edited Books | 17 |

ii) Without ISBN No. | 17 |

3.8 No. of University Departments receiving funds from

UGC-SAP | - | CAS | - | DST-FIST | 07 |

DPE | - | DBT Scheme/funds | 02 |

3.9 For colleges   Autonomy | - | CPE | - | DBT Star Scheme | 02 |

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

3.10 Revenue generated through consultancy | 2.50 |

3.11 No. of conferences

organized by the Institution

Level	International	National	State	University	College
Number	03	04	02	-	15
Sponsoring agencies	SHIATS, DST, NABARD	JSBS,			PPV, FRE, SHIATS

3.12 No. of faculty served as experts, chairpersons or resource persons | 130 |

3.13 No. of collaborations | 63 | International | 25 | National | 35 | Any other | 03 |

3.14 No. of linkages created during this year | 63 |

3.15 Total budget for research for current year in lakhs :

From Funding agency | 759.28 | From Management of University/College | - |

Total | 759.28 |

3.16 No. of patents received this year

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

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
35	11	18	0	3	1	2

3.18 No. of faculty from the Institution
   who are Ph. D. Guides | 30 |
   and students registered under them | 39 |

3.19 No. of Ph.D. awarded by faculty from the Institution | 111 |

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

JRF | 14 | SRF | 12 | Project Fellows | 07 | Any other | 22 |

3.21 No. of students Participated in NSS events:

University level | 1200 | State level | 8 |

National level | 01 | International level | -- |

3.22 No. of students participated in NCC events:

University level | 27 | State level | -- |

National level | 02 | International level | 02 |

3.23 No. of Awards won in NSS:

University level 08   State level --

National level 01   International level --

3.24 No. of Awards won in NCC:

University level [ ]   State level [ ]

National level [ ]   International level [ ]

3.25 No. of Extension activities organized

University forum 660   College forum [ ]

NCC [ ]   NSS 20   Any other [ ]

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

ACTIVITIES / ACHIEVEMENTS

1.   DIRECTORATE OF EXTENSION (ALLAHABAD)

S. No.	Activity	No. of Prog.	Farmers Benefited	Remarks
1.	Goshthies / Technical Training	16	1650	In the district of Allahabad, Fatehpur, Kaushambi, Pratapgarh, Bhadohi, SRD Nagar, Mirzapur and Sonebhadra)
2.	Literature Developed (Published in Hamar Gaon)	3		-
3.	**Demonstration (Kharif)** i) SRI system of Paddy Variety : Royal Bhog	18	540	Maximum yield was recorded 52 quintals per ha. by Sri Yagya Narayan Yadav, Itiha Ibrahimpur, Handia, Allahabad as compared to average yield of the area 38 quintals.
	ii) High yielding variety of Okra Variety : SV 8999	30	900	Maximum yield was recorded 242 quintals per ha. by Sri Shiva Singh, Chenduli, Pahari, Mirzapur as compared to average yield of the area 180 quintals.
	iii) High yielding variety of Tomato Variety : Abhilash	21	630	Maximum yield was recorded 225 quintals per ha. by Sri Udho Singh, Govindpur, Newada, Kaushambi as compared to average yield of the area 175 quintals.
	iv) High yielding variety of Chilli Variety : 1947	30	900	Maximum yield was recorded 70 quintals per ha. by Sri Kamta Prasad, Mandhata, Pratapgarh, as compared to average yield of the area 48 quintals.

	(v) High yielding variety of Bittergourd Variety : BGT 110	10	300	Maximum yield was recorded 120 quintals per ha. by Sri Vijay Singh, Lohra, Robertsganj, Sonebhadra as compared to average yield of the area 86 quintals.
	(vi) High yielding variety of Bottlegourd Variety : Sharda	30	900	Maximum yield was recorded 126 quintals per ha. by Sri Vijay Singh, Lohra, Robertsganj, Sonebhadra as compared to average yield of the area 90 quintals.
4.	**Demonstration (Rabi)** i) Wheat Variety: AAIW6/ AAIW5/ AAIW4 AAIW /8 PBW – 2968	46 16	1000 400	Maximum yield was recorded 51 quintals per ha. by Sri Arunendra Kumar Chaube, Kurmaicha, Deegh, Bhadohi as compared to average yield of the area 38 quintals.
	i) Mustard Variety: Varuna	16	400	Maximum yield was recorded 23 quintals per ha. by Sri Ram Bahadur Patel, Ijura Khurd, Airaya, Fatehpur as compared to average yield of the area 15 quintals.
	iii) Maize Variety SHIATS Maka - 2	5	100	Maximum yield was recorded 72 quintals per ha. by Sri Roshan Lal, Harrahi, Karchhana, Allahabad as compared to average yield of the area 58 quintals.

2.   Govt. sponsored training programmes by Directorate of Extension:

S.N.	Name of the Funding Agency	No. of Trainings	Participants
1.	Nutri Farm Training	184	5520
2.	2 Days Horticulture Orchard Dev.	4	100
	Total	**184**	**5620**

3.   Participation in Govt. Training / Goshthies / Meeting: 48
     (at Allahabad, Bhadohi, Kaushambi, Pratapgarh, Fatehpur, Mirzapur, Sonbhadra & Lucknow)

4.   Organised One District Level Kisan Mela and Ghosti at SHIATS

5.   T.V. & Radio Programmes
     a)   5 Radio Programmes
     b)   1 T.V. Programmes

6.   Farmers' Helpline Service No. : 18001805309
Presently the Helpline is functional and approximately 12 - 30 farmers per day are benefited with the service.
Training of farmers
     Three on-farm and eleven off-farm trainings were conducted on various aspects for capacity building as well as human resource developments.
Field camps
     More than 50 field camps on various aspects including IPM, IPNM, livestock diseases etc. were conducted.

- Health education through Guest Lectures.
- Bone Density Camp Combating Malnutrition through value added food products.

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	600 acres	Nil		
Class rooms	156			
Laboratories	165			
Seminar Halls				
No. of important equipment purchased (≥ 1-0 lakh) during the current year.		14		
Value of the equipment purchased during the year (Rs. in Lakhs)				1,34,63,108
Others				

4.2 Computerization of administration and library

- All administrative processes are computerised.
- Computerized Admission System.
- Library is well equipped with internet facilities.
- E-learning resources are created by using e-journals and e-books.

4.3 Library services:

	July 2015 to June 2016					
	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	44050	-	1531	68,17,476	45581	-
Reference Books	45581	-	231	10,26,742	45812	-
e-Books	468	7.09	-	-	468	7.09
Journals	129	28.77	-	-	129	28.77
e-Journals	CeRA	-	CeRA	-	CeRA	-
Digital Database	-	-	-	-	-	-
CD & Video	-	-	-	-	-	-
Others (specify)	-	-	CCTV + Servers + Online UPS + Chairs + Anti-Plagiarism	27.15	CCTV + Servers + Online UPS + Chairs + Anti-Plagiarism Software	27.15

			Software + RFID		+ RFID	

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	863	52	-	-	-	-	-	-
Added	119	12	-	-	-	-	-	-
Total	982	64	-	-	-	-	-	-

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

Computer literacy for teaching, non-teaching staff & students conducted by Dept. of Teaching Education

Time to time training are provided to teacher and students in the Dept. of Anthropology

Upgradation training on Garment CAD and Fashion studio for the students and faculties of Textiles and Apparel Designing, conducted in ESHS

Training on fundamentals of computer was organized for the first year students of Ethelind School of Home Science from 7th September 2015

Training to students on Tally 9.0 Accounting software organized by JSBS

Internet access for students with wi-fi facility, practical on Apple i-Mac systems of Animations & Visual effects, Mac-Pro systems for Film Production, Computer Training Program to Staff provided by SHIATS, Online Research Journals of Communication, Software for Editing like FCP, Photoshop, Maya, Max, etc., Internship (summer & winter) exposures to students at various ad industries, production houses, news channels, print industries, etc. organized by the School of Film and Mass Communication.

4.6 Amount spent on maintenance in lakhs :

i) ICT | 29.65

ii) Campus Infrastructure and facilities | 45.77

iii) Equipments | 80.86

iv) Others | NA

Total : | 156.28

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The IQAA works with Students through various committees and facilitates them in each and every aspects of University life.

The following Committee are found to support the Students.

Directorate of Students' Welfare
The Directorate ensures that students are provided required facilities in the University, get good placement It also facilitates students to pursue their higher education in India and abroad by conducting coaching classes, motivation lectures, mock group discussions and interview simulations.

Directorate of Chaplaincy
Directorate is responsible for counselling to anyone facing personal, social, cultural, emotional and spiritual problems and helps staff, students and families.

Student Advisory System
Each and every student at the time of admission is allotted an Advisor for the academic and personal guidance. The Advisor keeps the academic record, as well as, the personal and other information of the student allotted to him. He regularly meets the students and sometimes his parents, to guide the students to make their future bright.

Directorate of International Education and Training
Directorate has inculcated an educational vision able to provide global society with an education that meets current needs and that can respond efficiently to contemporary demands and challenges, which are characterized by globalisation, interdependence, and multiculturalism. SHIATS has collaborated with numerous international institutions and organisations, which encompass the exchange of scientific knowledge, long term staff and student exchange, holding of joint academic events such as seminars / workshops and conferences, etc.

Proctorial Board
There are certain rules and regulations framed by the University, which are to be followed to maintain cordial atmosphere in the campus among the students, faculty members and non-teaching staff. The Proctorial Board is headed by the Chief proctor (disciplinary authority of the University) and helps students, Teaching & Non teaching staff from any difficulty and see that the disciplinary rules are followed properly. Proctorial Board is conscious and concerned about interests of students. Apart from the discipline enforcement, the Chief Proctor also issues Identity Cards, Railway Concessions, Character Certificates to students.

Anti Ragging Cell
On the recommendation of Raghavan Committee and on the directives of Hon'ble Supreme Court, the Anti-Ragging Cell (ARC) has been established in the Deemed University to curb down the menace of Ragging. Every year ARC sends its report to central and state governments. To curb the evil menace of Ragging, Various measures are being employed by the Proctorial Board. Every student has to mandatorily register online with the UGC Antiragging portal and submit affidavits in the Proctor's office before they register in their respective Programmes. Placement of CCTV cameras at appropriate places to monitor if any incidents of ragging takes place, frequent and sudden checks in hostels with the help of anti ragging squads, arranging for seminars and other activities in order to aware students about the serious effects of Ragging etc are done by the Proctorial Board under the supervision of the Chairman, anti Ragging cell. Online compliance of anti ragging, dissemination of Action Taken Report to concerned offices is also a routine of the Anti ragging Cell.

Hospital Facilities :

A Well equipped Hospital within the campus (Hayes Memorial Hospital) serves the medical needs of staff and students.

Hostel Facilities :

 Men's Hostels : 5; Women's Hostels : 7

House of Representatives (HoR)

House of Representatives is formal mechanism like parliament, which helps to encourage participatory mode of communication and management with specific reference to the life of students in the University. It facilitates communication of students for the welfare as well as upliftment of the quality of University life.

The HoR has following specific purposes:

i)   To promote the general welfare of students and the university.
ii)   To constitute a medium for expressing students opinion on matters of general interests.
iii)   To stimulate the academic and social areas of university life.
iv)   To charter and oversee the university students organization. (Technical and social societies)
v)   To administer the allocation of students activity funds.
vi)   To maintain the co-ordination between University Alumni Associations in India and abroad.
vii)   Any other, as may be approved by the Executive Council of the University from time to time.

Center for Human Resource Development

To impart professional aptitude to the University students, SHIATS started a Center for Human Resources Development where students engage themselves in the preparations for various competitive Examinations (like Indian Civil services Examination, Indian forest Services Examination, Indian Agricultural Services and Indian Engineering Services Examination etc.) and for various academic distinctions (like CSIR- NET, UGC-NET, ICAR- NET, SRF, JRF etc.). Center for Human Resources Development is a source of information and knowledge. The Director (CHRD) and his team pool coaching talents from various sources and arrange for the classes after University hours.

5.2 Efforts made by the institution for tracking the progression

All passed out students are enrolled as alumni association members and they are kept in regular contacts through University website. There progression is tracked through Annual Alumni Meeting and updated. The managerial information system provides regular information to them to remain in contact with their almamater and post updates.

The university has systematic tracking system through Schools.

i.   Regular monitoring of peers for their regularity and learning by course co-ordinators and advisors through mentoring.
ii.   Monthly attendance reports are generated and reviewed.
iii.   Teachers meetings and Board of Studies to review the performance of Students in Internal Assessment.
iv.   Semester feedback to understand the impact and progress of students.
v.   Annual feedback on facilities, Infrastructure, Teaching, Learning and Evaluation, support services and on examination and Evaluation Reforms.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
8046	2844	1447	326

(b) No. of students outside the state

4382

(c) No. of international students

655

	No	%
Men	8518	67.34

	No	%
Women	4130	32.65

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
10515	955	23	418	-	11911	11263	959	26	400	-	12648

Demand ratio   Dropout %

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

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET	20	SET/SLET	00	GATE	09	CAT	16
IAS/IPS etc	00	State PSC	00	UPSC	01	Others	15

5.6 Details of student counselling and career guidance

Directorate of Career Planning and Counselling

The Career Planning and Counselling Centre (CPCC) have been established with the aim to help the University students to begin the planning of academic and career goals. The process of exploring careers and planning the future career can take some time. During the career counselling appointment we discuss the career questions and provide resources to assist in the ongoing research.

The CPCC team uses their experience to coordinate the campus recruitment processes. They arrange various organizations and companies for workshops and seminars continuously where students get chance to learn about the organizations and clear their employment scenario, which changes time to time. Centre also checks that the University students have a fair chance to be face to face with the Companies / Industries / Institution which offers them employment. CPCC facilitate the process of providing a common platform for the jobseekers (students) and the job providers (employers).

We firmly believe that the curriculum in the classroom and in the laboratory is not enough as it also requires the active guidance and supports for enabling them to convert themselves into a higher degree of employable candidates.

The Man Power Structure –

Officers

Dean, Sr. Career Planner, Career Planner, Public Relation Associate, Cooperate Relation Officer, Placement Officer, HR Assistant

Support Staff
Computer Operator, Office Assistant, Helper & Janitor

The Functions

The Career Planning and Counselling Centre (CPCC) has strong data base of the companies and keep updating with the addition of new companies. CPCC contacting them via email, postal deliverance of various published materials, directly speaking to them on telephone and personally visiting to the various companies.

The centre has made a marked change in the scenario of the placement activities keep the students informed about potential job opportunities with respect to the market scenario for their future career and guides them for the employability. Since inception of the CPCC and the span of seven (7) year with his sincere efforts, CPCC could develop relations with most of the companies who are visiting for campus recruitment regularly.

Student Advisory System

Each and every student at the time of admission is allotted an Advisor for the academic and personal guidance. The Advisor keeps the academic record, as well as, the personal and other information of the student allotted to him. He regularly meets the students and sometimes his parents, to guide the students to make their future bright.

No. of students benefitted	80-90%

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
56	557	244	55

5.8 Details of gender sensitization programmes

- National Symposium on "Women Health & Nutritional Security: Issues and Challenges" on 26th November 2015, Sponsored by A-DST, Govt. of India held at Sam Higginbottom Institute of Agriculture, Technology & Science, Allahabad, Uttar Pradesh.

5.9 Students Activities

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

   State/ University level [ ]   National level [72]   International level [ ]

   No. of students participated in cultural events

   State/ University level [ ]   National level [ ]   International level [ ]

2015- 2016

   1-Anand Utsav -16

   VC-60

   750 students Participated in different events, of Fine arts, Literary, & Cultural (Music, singing, dance, acting ete.)

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

Sports : State/ University level [ ]   National level [ ]   International level [ ]

Cultural: State/ University level [ ]   National level [ ]   International level [ ]

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	-	834.26
Financial support from government	1009	377.63
Financial support from other sources	NA	-
Number of students who received International/ National recognitions	NA	-

5.11   Student organised / initiatives

Fairs   : State/ University level | 1 | National level | - | International level | - |

Exhibition: State/ University level | 3 | National level | - | International level | - |

5.12   No. of social initiatives undertaken by the students | 03 |

5.13 Major grievances of students (if any) redressed: Nil

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION : **Gospel and the Plough.**

MISSION : To provide teaching, research, and service programs that prepare students and enable faculty and researchers to address the needs of the country and the world for sustainable development, with academic excellence, integrity, leadership, service to society and spiritual values.

6.2 Does the Institution has a management Information System

Admission of student in the University are managed through Computer Management Information System. Submission of application forms, Fee Submission, Admit Card distribution and declaration of results are carried out through ONLINE facilities of SHIATS-DU. The merit lists of candidates are displayed on the website as well as on the University Notice Board, online call letters is available to all the selected candidates through University website.

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

6.3.1 Curriculum Development

Curricula Development / Revision Process

The curricula for different programmes are designed separately as per the norms and guidelines of the respective statutory body e.g. the course curricula of School of Agriculture, School of Agricultural Engineering, School of Dairy Technology and School of Home Science are designed as per the guidelines of ICAR Deans Committee, the School of Forestry as per ICFRE, the School of Engineering as per AICTE. These curricula are also enriched, reflecting the local reality and the developments at the National and International levels.

In order to maintain the quality of teaching learning process the course curriculum is updated regularly. Mostly it is updated at an interval of three years. The curriculum development is the most important and emphasized process in our University. After obtaining feedback from teachers, students, experts from the Industry focusing on the needs of the society, the Board of Studies discusses these ideas formally and thereafter the College Council followed by the Faculty Board, Academic Council and Executive Council take the necessary decisions.

The Board of Studies, apart from the faculty members, has experts from industry and academic peers from other institutions. The BOS reviews the curriculum every year and analyses it with respect to current local national and international demands and needs. There are separate BOS for UG and PG. The BOS for UG consists of Dean, HOD, faculty members of the Department and at least two outside experts from industry, educational and research institutions.

The global changes in the trends of different disciplines discussed by the faculty members are incorporated in the curriculum through Board of Studies of the respective departments. The suggestions are incorporated and the curriculum is updated periodically to place it at par with the top educational institutions of national and international repute. As far as the programmes of Agriculture and Agricultural Engineering is concerned the recommendation of ICAR committee are implemented with 30% modification in order to address local needs of the society.

6.3.2 Teaching and Learning

The University has an Directorate of Internal Quality Assurance and Assessment which monitors the quality of teaching learning process. IQAA has been working effectively to maintain the quality of teaching, learning and other processes in the campus. Feedback is taken from various stakeholders for continuous improvement of the teaching quality. The feedback provided by students regarding teaching, administration, library etc. is analysed and appropriate measures are adopted. IQAA studies self-appraisal of the teachers, objectively and provides feedback. IQAA keeps a close watch on all issues related to quality in the academic zone and in the administrative arena under the following modules -

I. Develops and applies quality benchmarks/parameters for various academic and administrative activities of the institution

II. Facilitates, creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process

III. Maintains records on feedback response from students, parents and other stakeholders on quality-related institutional processes

IV. Disseminates information on various quality parameters of higher education

V. Organizes inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles

VI. Develops and maintains documents of the various programmes / activities leading to quality improvement

VII. Acts as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices

VIII. Develops and maintains institutional database for the purpose of maintaining /enhancing the Institutional quality

IX. Development of Quality Culture in the institution

X. Preparation of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC, to be submitted to NAAC.

Academic Audit Committee

In the context of emerging global and national knowledge awareness, the Deemed University works for excellent delivery mechanism with apposite thoughts and responsibility for profession to serve the creation in a better way. Deemed University has committed itself to the promotion of knowledge, preservation of the integrity, responsible use of professional ethics, fostering of wholesome and simple lifestyles. To nurture more transparency and probity to project committed and sincere efforts to the profession Academic Audit Committee, operates with following roles and responsibilities -

   I.   The AAC will meet every semester to review academic modules as per the Academic Regulations of the University for undergraduate, postgraduate and doctoral programmes.

  II.   It will also review the course structure, course content and other components of every academic programme as per the need and future prospects with the support of their respective Deans, Heads of the departments and faculty members specialized in the field.

 III.   The revisions recommended by AAC will be sent to their respective observations to Curriculum Design & Development Committee, Board of Studies, School Council, Faculty Board for re-consideration and for getting it approved by the Academic Council.

  IV.   AAC will also find and recommend academic solutions, which may have parallel but logical justification to the Academic Regulations of the University. The various teams of AAC take regular rounds of various Schools.

   V.   AAC monitors the delivery mechanism of faculty members i.e. standard of teaching, contents covered as per the level, way of teaching, interaction of faculty with students, regularity, punctuality etc.

  VI.   AAC will also interact with students in any of the above mentioned components.

 VII.   AAC will observe discrepancies and will sign a note of advice to respective Head of the Department and School Dean for improvement.

         At the end of every semester AAC submits its report to Hon'ble Vice Chancellor.

6.3.3 Examination and Evaluation

Students' Assessment

There shall be a continuous evaluation of the student's performance on the basis of Assignments, Quizzes, Sessional Tests, End-Term Examination and practical (if any).

The Controller of Examination shall prescribe the date End Term Examinations to be conducted by the Schools and Departments of the University. Relevant information shall be displayed on the website, notice boards of schools/ departments of the Deemed University.

The weightage of assessment components for all faculties of the SHIATS shall be as follows

S. No.	Assessment Tools	Percentage (%)	Points
1.	Assignment/quizzes/ attendance	20	100
2.	Minimum Two Sessional Tests	20	100
3.	End Term Examination	60	300
	Total	100	500

Note : If a course contains Theory and Practical both, then weightage of End Term Examination will be categorized as per the credit hours allotted for theory and practical. Student's performance shall be assessed by evaluating them in every experiment during the regular practical classes.

Wider scale as regard to points is adopted to accommodate more number of questions in quizzes, sessional tests, and end term examination.

Project Assessment of Undergraduate Programme:

(i)   For courses other than project work, a student will have to clear registered courses by maintaining required attendance, submit assignments, pass class tests, quizzes and end term examination.

(ii)   Before appearing for the viva voce for project work students must clear required credits of course work.

S. No.	Project work	Percentage (%)
1.	Supervisor's evaluation	30
2.	Project & Project Report Evaluation	40
3.	Viva-Voce (Examination Board)	30
	Total	**100**

Project being a non-credit course (NC), its grade will be sent as Satisfactory (S) or Unsatisfactory (US)

Assessment of Postgraduate and Doctoral Dissertation / Thesis work

S. No.	Dissertation work	Percentage (%)
1.	Supervisor's evaluation	30
2.	Project & Project Report Evaluation	40
3.	Viva-Voce (Examination Board)	30
	Total	**100**

Dissertation being a non-credit course (NC), its grade will be sent as Satisfactory (S) or Unsatisfactory (US)

End Term Examination

      (a) End Term Examination is held at the end of semester. Dates for the same will be announced by Controller of Examination. End Term Examination will be conducted at School level (For UG Programmes) School Dean will prepare the examination schedule and will notify the same in consultation with Controller of Examination.

      (b) End Term Examination for PG and Doctoral Programmes will be conducted at Department level. Head of the Department will prepare the examination schedule and will notify the same in consultation with Controller of Examination.

      (c) All examinations should be transparent. The End Term Examination evaluation shall also be transparent and the answer books must be shown to the students after evaluation. The teacher concerned should reckon the comments of the students and make corrections if necessary in the presence of the students.

      (d) The answer book shall be kept with the course Instructor for three months and shall be destroyed thereafter. Any dissatisfaction may be redressed through the School Dean.

      (e) The Course Instructor shall send the marks to Examination Division through School Dean on the prescribed Performa. One copy thereof will be submitted to Dean/HoD and one retained by the Instructor.

Back Examination

    (a) If a student remains unsuccessful in the course(s), he/she will be given another chance to appear in the forthcoming End Term Examination of the relevant even/odd semester in consecutive year, provided he/she meets the attendance requirement.

    (b) Marks awarded in the course(s) for the quizzes, assignments, sessional tests and etc. will be same, as he/she had scored in the semester in which he/she was unsuccessful.

    (c) Permission for appearing in the Back Examination shall be given by the Faculty Dean through concerned School Dean.

    (d) The student will have to pay re-examination fee of Rs 300/- per course.

    (e) Thereafter also, if the student remains unsuccessful, he / she shall be required to re - register in the course in the relevant semester (even-even, odd-odd).

    (f) However, Final semester students having back Examination (if any) in course(s) of preceding semesters may be allowed to appear in the back examination of those course (s) with the regular End Term Examination of the relevant semesters.

    (g) Moreover, if the final semester student remains unsuccessful in the course (s) of final semester he/she may be allowed to take up back examination in the course (s) within a month from the date of declaration of result with the permission of Faculty Dean through School Dean.

(h) In undergraduate programmes, Back examination will be conducted at School level where as in post graduate programmes Back examination will be conducted at Department level and marks will be sent to Controller of Examination on the prescribed proforma.

Graduation requirements

i. The minimum prescribed grade point to clear each course in graduate programmes is 6.00.
ii. A student is required to score minimum SGPA of 6.00 out of 10 points in each semester.
iii. A minimum **CGPA of 6.00** is required for the award of the degree.
iv. The performance of a student in a semester shall be deemed to be unsatisfactory, if he/ she scores less than 6.00 CGPA out of 10 points after completing 8 semesters. However, such student may be given an opportunity to reappear in ETE (totalling to 100 % marks) in only those courses in which he/ she has secured more than 50% but less than 59.99% marks to improve his/ her grades in **relevant/additional semesters.**

Divisions

Divisions may also be mentioned on the transcript and the Provisional Degree Certificates of the graduates of the University along with the Cumulative Grade Point Average on the basis of the following equivalence:

Division	C.G.P.A.
First with Distinction	8.50 and above
First	7.00-8.50
Second	6.00-6.99

Specific Academic Requirements of Undergraduate and Postgraduate programmes

i) Programme shall have a minimum specified duration divided in to several academic years.
ii) Each academic year shall have two semesters, viz., Autumn semester (July to December) and Spring semester (January to May).
iii) There shall normally be 95 instructional days in each semester with additional approximately 10 days for End Term Examination. However, in special cases, the Academic Council/ Vice - Chancellor may relax the duration requirements.

Evaluation of Dissertation (Postgraduate Programs)

Pre-submission Seminar

Before the submission of the dissertation report, Dean P.G. Studies will appoint the chairman and the student will be required to submit the rough draft to all the members of SAC and give pre-submission seminar in order to incorporate suggestions, if any. After approval, student is required to submit Final five copies of the dissertation to his/ her advisor. All the five copies of the dissertation report shall be submitted in the office of the Dean P.G. Studies through the Head of the Department. Dean P.G. Studies inform the Chairman and SAC members of the student to hold Final Viva Voce Examination on any convenient date.

Final Viva Voce Examination

Chairman and SAC members of the student will conduct Final Viva Voce Examination on any convenient date. The student will defend his/her research outcome. The grade for dissertation shall be given as satisfactory/ unsatisfactory. The final report of the dissertation after viva-voce examination shall be submitted to the Dean P.G. Studies by the advisor. This report will be sent to Examination Division for preparing mark sheets of the research scholar. Dean P.G. Studies will also send copy of the report to the Registrar for the approval of Academic council and Executive council for award of the Degree, if report is favourable and defence is acceptable.

6.3.4 Research and Development

Research is one of the important activities of the University involving most of the faculty members and all PG students. The research work is undertaken in priority areas with fund coming from the university and outside sources. There are large numbers of research projects, some of longer duration, such as All India Coordinated Research Projects, theme projects, breeding projects including animal breeding, etc. Short duration projects are usually individual projects with some very specific objectives, usually funded by internal resources of the university; whereas long duration projects are generally school/department based, identified and allotted by institution / organization involving team work and are mostly externally funded by ICAR, DST, DBT, PPVFRA, UPCAR, UPCST, BARC, CSIIR, IIPR, SRO, UGC, NOVOD and many private organizations like Adama India, Rallis India, Bayer Crop Science, *etc.*

The Government of Uttar Pradesh have entrusted SHIATS, Allahabad the responsibility of two commissionaires, namely Allahabad and Vindhyachal, comprising of seven districts, i.e., Allahabad, Pratapgarh, Fatehpur, Kaushambi, Sonebhadra, Mirzapur and Sant Ravidas Nagar. The University does not have a research station outside University campus but it takes-up Research projects in these districts based on the need and support provided by the State Govt. / ICAR / other funding agencies. The main

research work is carried out at 120 hectares lush green campus of the University. In addition, a large number of projects are carried out by PG students including PhD.

Priority Research areas

Research Field	Research Area
Agricultural and Horticulture	• Integrated crop management for sustained agriculture productivity • Farming systems models for different land holdings. • Efficient Cropping system for sustainable land use. • Refinement of production technology for various situations. • Mineral nutrition and water management. • Weed Management • Protocols for Organic Farming. • Integrated Nutrient Management in Horticultural Crops. • Screening of high yielding varieties in vegetable crops. • Advance in organic production of vegetable crops. • Post-harvest technology of horticultural crop and value addition. • Protected cultivation of horticultural crops. • Standardization of agro-techniques in medicinal and aromatic plants. • Nursery production and management for horticultural crops • Introducing high value flower crops. • Screening of underutilized vegetables and their cultivars. • Maintenance of Soil Health • Efficient utilization soil micro and macro flora for maintenance of soil bio-dynamics. • Establishment of soil, plant, water, fertilizer testing laboratories. • Farmer Advisor Services for Soil Health. • Site specific nutrient management for precision farming. • Utilization of poor quality water and sewage sludge in Agriculture • Monitoring pesticides residues and heavy metal pollution in soil, crop and water. • Integrated Nutrient Management • Studies on uptake of nutrient by plant and yield. • Research on high yielding, biotic and abiotic resistant varieties of major field crops • To analyze the inheritance pattern and control mechanism of certain biotic and abiotic stress present in the crops. • Development of double purpose (food and fodder) crops through gene transfer technology. • Isolation of desirable mutants through mutagenesis. • Seed enhancement for unfavourable conditions. • Standardization of priming, seed viability, vigour and invigoration methods • Seasonal monitoring of insect pest and diseases. • Mapping area and population of major insect pest and diseases. • Isolation of native beneficial micro-organism and their categorization as bio-control agents and bio-fertilizer. • Evaluation of botanicals for antifungal, antibacterial and anti-nematicidal properties. • Taxonomical studies of major pests. • Study of host- pathogen interaction relationship. • Preparation of IPM and IDM modules. • Identification of disease resistant and susceptible host for major field crops. • Gene mapping of *Meloidogynegraminicola* of rice.

	• Approach to gear up in equipping students with requisite knowledge, skills, and attitudes for managerial decision making • Encourage entrepreneurial spirit in students • Strengthen Interventions across the value chain to support the development of business • More concentration on strong inter-linkages between farmers, bankers, agriculture universities and agri industries. • Approach towards Processed food awareness • More emphasis on Research analysis of new and innovative products that respond to market demand. • A catalyst approach for agribusiness industry • Socialization of technology in Agriculture, • Food security, Eco- friendly and sustainable Agriculture • Role of ICT, Innovative project under NAIP • Farming system development through PRA • Bottom up planning Agril- knowledge management. • Market led extension, Cyber Extension • Problems and prospect of privatization of Extension • NATP, ATMA, IVLP and impact study on various innovative extension projects.
Home Science	• Design of low cost mobility aids for children with cerebral palsy • Solar energy applications and appliances • Ergonomic evaluation • Computer aided interior designing • Dehydration of vegetables and their product formulation • Nutrition intervention to combat major nutritional deficiencies • Anti-nutritional factors in selected foods • Formulation and standardization of the rapeutic foods • Generation of data on degenerative diseases. • Crowd Management • Extension Methodology for rural women • Child rearing practices • Children with special needs • Adolescent and personality development • Issues related to old age • Behavioural problems • Women empowerment and gender issues • Early childhood education • Value addition of Textiles by dyeing, printing and finishing • Bio-polishing of non-conventional fibers for product development • Extraction and processing of natural dyes. • Designing apparels through CAD • Blending of fibers to enhance fabric properties • Garment construction and designing
Forestry and Environment	• Establishment of suitable Agroforestry model • Identify the suitable medicinal plants for different Agroforestry models. • Sustainable development of wastelands through Agro-forestry models in Uttar Pradesh • Development of genetically improved tree species • Standardization of different species of Bamboo propagation, • Raising of hybrid Variety *of Jatrophacurcas*. • Development of low cost technology for processing and utilization of fast growing tree species.

	• Assessment of physical & mechanical properties of tree species • Assessment of NTFPs found in U.P. • Assessment of water quality in different parts of eastern U.P. • Assessment and application of industrial waste on Agriculture field. • Assessment of sewage water irrigation on soil and plant growth. • Planning and designing of water distribution in rural area. • Assessment of noise pollution in Allahabad.
Agricultural Engineering	• To assess of water availability at and devise interventions for matching water supply with the agricultural system demand. • Design and evaluation of gravity and pressurized irrigation systems. • Management of rain and other natural sources of water. • Basic studies on soil – water – plant – atmospheric – environment relationships. • Water management for different agricultural production systems. • Water resource optimization and scheduling for enhanced productivity and economic reforms. • Assessment and Augmentations of basin-wise groundwater potential. • Development of efficient system for lifting groundwater. • Development and use of new techniques for identification and rejuvenation of sick/failed tube wells/ wells. • Investigation on groundwater pollution problems. • Rain Water and moisture conservation studies. • Rainfall & Runoff studies. • Erosion control and sedimentation studies. • Assessing mechanization status and critical gaps. • Harnessing animal power for small and marginal farmers • Feasibility testing and modification of various implements. • Design and development of small tools and machinery for small and marginal farmers. • Automation in farm machinery leading to precision agriculture. • Complete mechanization of potato production in the region. • Dehydration of fruits and vegetables • Modified atmosphere packaging of fruits • Feasibility studies on food processing industries • Optimization models of food processing • Development of low cost food processing equipment • By-products utilization • Process optimization of traditional fermented foods • Recent trends in food packaging • Development of functional foods • Development of fruit based beverages • Drying of cereals and pulses
Food and Dairy Technology	• Development of cost effective ration with alternative locally available feed resources. • To develop area specific mineral mixture for livestock. • Studies on nutritional status of livestock. • Conservation of germplasm of Gangatiri breed of cattle. • Characterization and evaluation of indigenous cattle and goat genetic resources. • Heat stress management in buffaloes and cattle. • Stress management in poultry • New Product development and quality assessment • Development of value added , fortified and herbal products • Development of functional dairy products • Development of value added extruded products

	- Formulation and standardization of therapeutic foods
- Studies on new formulation on bakery
- Studies on physical properties of different food products
- Wine and beer processing
- Shelf life studies of different food products
- Studies on microbial quality of food products
- Rheological quality attributes evaluation
- Toxin study
- Studies on activity of bioactive compounds from different herbs against pathogens
- Studies on bacteriocins as food bio-preservatives
- Neutraceutical applications on locally available spices
- Identification of active compounds from selected food herbs to overcome diseases
- Heavy metals accumulation in vegetables grown in Yamuna river bank of Allahabad
- Market research/survey, Data management
- Food cost management/analysis

Process of Identifying Research Problem and their Prioritization

The University has constituted a Research Advisory Committee (RAC) to identify, coordinate and integrate research areas which are of prime importance and have direct impact on production and productivity, and improvement of the living standards of people in rural / slum areas. The jurisdiction of the University is spread over seven districts of eastern Uttar Pradesh coming under the Allahabad and Vindhyanchal commissionaires. Annual research programs are formulated crop / commodity wise and season wise by the scientists of concerned departments which are scrutinized and recommended at the School level before being submitted to the RAC for their scrutiny and approval. The RAC meetings are conducted under the chairmanship of Director of Research where University officers, scientists, extension workers, and representative of line departments such as Agriculture, Horticulture, Forestry, Animal Husbandry, Agricultural Engg., Fisheries, etc. are present and selected progressive farmers of the zone are also present. The research results are reviewed by the high power Steering Committees which are tested and converted to usable technologies.

The research topic for Masters and Doctoral thesis work are selected based on the identified priority areas depending upon the interest of the students and availability of major advisor.

Faculty and Students' involvement in Research

SHIATS scientists are involved in teaching, research, and extension activities. The primary job of the scientist is to perform the activity, for which they are posted. However, it is mandatory for every scientist to involve themselves approximately one third of the time in activity other than their primary duties. Scientists involved in research are also involved in teaching and extension activity and similarly teachers are involved in research and extension activities. Scientists posted as extension workers, are involved in teaching and research.

In Masters and PhD programs of faculties like Agriculture, Engineering & Technology, Sciences, Business Studies, Veterinary Science & Animal Husbandry, Home Science, Humanities and Health Sciences, it is mandatory to carry out thesis research work. Students submit the thesis, which is evaluated by the Students Advisory Committee at Masters level and by external examiners at the Ph.D. level.

Steps taken by SHIATS for promotion of research

1. Constitution of departmental research committee
2. Establishment of Animal house facility
3. Creating awareness to get external funding /research grants
4. Organized national and international seminar, symposia, training, workshops
5. All India Co-ordinate Research Projects (AICRP) are given utmost importance to achieve better expected results
6. Awarding fellowships to merit students as an encouragement
7. Facilitate in Intellectual Property issue to earn fruitful outcomes

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library Advisory Committee

Requirements of books and journals from all the departments are processed though the Central Library. These requirements are screened by the Library Advisory Committee which has faculty members and students, as members, from different departments of the Deemed University. The books and journals which are approved by the Committee are then purchased by the Library.

ICT is used to a great extent in the teaching learning process in the University. It is given special thrust by incorporating at least one compulsory IT course for the UG, PG and Ph.D. students throughout their course curriculum. However, it increases as per the requirement of the student and of the professional and technical course. Apart from the conventional black/white board, LCD projectors and other modern technologies are used for the teaching-learning transaction. Every department has at least one smart classroom. Assignments and projects are given to the students who browse the net for this purpose. There is also provision of training in the Computer Centre for students to equip them for the global demands. There is a special ICT Networking Committee in position for monitoring and assistance. A Hardware Cell has been constituted to look after maintenance of PCs, peripherals and other related equipment.

Every faculty member has been given individual desktops with free internet access.

Land available

Sl. No.	Land	Area
1.	SHIATS-DU, Main Campus, Allahabad	600 acres
2.	Research Farm, Meja, Allahabad	264.81 acres
3.	Research Farm, Lohra, Allahabad	43.74 acres
4.	Research Farm, Latifpur, Allahabad	38.09 acres
5.	Research Farm, Lodhawari, Raebareli	73.60 acres
	TOTAL	**1020.24 acres**

Physical facilities at Main Campus

	Facility	Area
1.	Total Area of Land	600 acres
2.	Institutional Area	1,03,000.00 Sqm
3.	Administrative building/back/space	3215.00 Sqm
4.	Class rooms & Laboratories	87,810.00 Sqm
5.	Student hostel for men and women	23892.00 Sqm
6.	Instructional farm (Agriculture/horticulture/Animal/Poultry/Sericulture/fishery etc.)	3,18,230.00 Sqm
7	Green house, glass house, poly house etc.	37803.00 Sqm
8.	Farm power, farm machines and equipment & irrigation infers structure	13336.00 Sqm
9.	Facilities for sports, games, cultural & literary activities	103840.00 Sqm
	Bank, Post office, store & canteen etc	1530.00 Sqm

Details of Administrative facilities & Students' hostel for men and women
Administrative Facilities

Sl. No,	Particulars	Area (Sqm)
1.	Office of Vice Chancellor, Pro - Vice Chancellors etc.,	1000
2.	Registrars office	1200
3.	Accounts office	1015

Hostel facilities –
Boys Hostel

S.No.	Name of Hostel	No. of Rooms	No. of Occupants
1.	Old Hostel	67	218
2.	New Hostel	180	360
3.	PG Hostel	26	48
4.	International Hostel	103	206

Girls Hostel

S.No.	Name of Hostel	No. of Rooms	No. of Occupants
1.	Old UG Hostel	73	342
2.	New Hostel 1	21	118
3.	International Hostel	51	152
4.	OBC Hostel	17	46
5.	Nursing Hostel	14	54
6.	Theology Hostel	5	16
7.	New Hostel II –A	63	196
8.	New Hostel II –B	47	140

Staff Residence

	Type of accommodation & No. Available	Total in each category
Teaching staff	Category-A	16
	Category-B	35
	Category-C	10
Teaching Staff	Two living room	37
Non-teaching staff (others)	Single living room/Double living room In each	50/39

Facilities for sports, games, cultural and literary activities

	Sports facilities	Total area Available	Capacity / Number
a	Athletic track,	400 m	1
	Cricket field	100 m x 90 m	1
	Football field	100mx80m	2
	Hockey field	90mx54m	1
b.	Volley ball court	18mx9m	3
	Basket ball court	28mx15m	3
	Badminton court	13.5mx6.5m	5
	Tennis court	15.54mx10.97m	1
c.	Gymnasium	60sqm	2
e.	Indoor Hall for indoor games	20 x 30 sqm	1

6.3.6 Human Resource Management

The University has established the:

Directorate of Human Resource Management and Relations

The directorate is responsible in departmental development, human resource information Systems (HRIS), employee relations, training and development, benefits compensation, organizational development, and employment. The Director of the directorate is responsible for all or part of these areas; staff logistics; organizational and space planning performance management and improvement systems organizational development compliance to regulatory concerns and reporting employee orientation, development, and training policy development and documentation employee safety, welfare, wellness and health. Ascertain human resource requirements for various Academic and Non Academic Departments, and ensuring the timely advertisement and filling of vacancy. Provides support, guidance and training to personnel staff as required: Participates in the review of training needs of staff making appropriate proposals to meet identified needs: Represent the University individually or as part of a team in meetings with the State/ Central Government and other agencies, maintaining harmonious relations and linkage with the State Government & Central Government for developmental activities of the University, create strategic development training and organizational

development plan to meet personal, professional, and organizational needs of the employees. The Director directly reports to the Vice Chancellor. He performs such other duties as assigned by the Vice Chancellor.

6.3.7 Faculty and Staff recruitment

The University has laid down norms for the recruitment of teaching and non-teaching staff as per the norms of the statutory bodies. The recruitment is by open advertisement and the selection is by the section committee constituted based on the University bye-laws and UGC guidelines. The vacancies are as determined by requirements as prescribed by various governing authorities like MCI, DCI, PCI UGC and as well as the workload of individual departments.

The recruited faculty are assessed annually by self-appraisal method and peer evaluation and student feedback the analysis of which gives way for further enhancement and up gradation of their skills and knowledge. The University also encourages faculty participation in continuing education programmes as well as various national and international training programmes, workshops and conferences.

Process of Staff Recruitment

The requirement in each department is forwarded by the concerned Department through Board of Studies, School/ College Council & Academic Council for approval. Approval is obtained from the Vice Chancellor after having forwarded from all the statutory bodies of the University. Advertisement is published in the leading newspapers as well as University website. Applications are invited and scrutinized. Finally interview is conducted by the duly constituted / regular selection committee setup under the rules of the university.

6.3.8 Industry Interaction / Collaboration

Details of Foreign Collaboration / MoU signed & Funding after MoU
SHIATS Deemed University has signed 25 International and 35 National MoUs with various national and international Universities, Institutions and research Centres in order to strengthen the academic and research in the University.

6.3.9 Admission of Students
Admission Policy

Sam Higginbottom Institute of Agriculture, Technology & Sciences is a Christian Minority Educational Institute within the meaning of Article 30 (1) of the Constitution of India. Under this provision and as per the judgment of the Hon'ble Supreme Court, dated the 6th of December 1991, St. Stephen's College, Delhi Vs. University of Delhi, and party overruled by the 11 Judges Constitution Bench in T.M.A. Pai Foundation v/s State of Karnataka dated 31st of October 2002, that 50% seats shall be reserved for the candidates of the Christian Community and the remaining 50% shall be allotted to general candidates strictly by merit.

Admission policy for NRI and Overseas students

- NRI wards/NRI sponsored candidates are exempted from the entrance test.

- These admissions are against fifteen percent (15 %) over and above the regular seats.

- Foreign candidates are also admitted in various undergraduate, postgraduate and Ph.D. programmes offered by SHIATS through Directorate of International Education and Training (DIET).

Admission Procedure

- Admission to various undergraduate and postgraduate programmes are granted through **All India Entrance Test** conducted by the SHIATS at various centers in the country, strictly on the basis of merit.

- There is an **Entrance Examination Division** of the University which looks after the entrance examination process and admission.

- For professional courses, students are admitted through **All India Entrance Test**. For Ph.D. programme, all students must clear the Entrance Exam followed by interview.

- The admission process is given wide publicity through **Prospectus**, **Website** (www.shiats.edu.in), **local/regional/national newspapers** and through **TV channels**.

- Submission of Application Form, Fee Submission, Admit Card Distribution, and Declaration of Results are carried out through ONLINE facility of SHIATS-DU

- The **Merit Lists** of the candidates are displayed on the **website**, as well on the **University Notice Board**.

- **Online call letter** is available to all the selected candidates through University Website.

The detail information for admission is available on the University Website (http://www.shiats.edu.in/admission1.asp) and also in University Prospectus**.**

Admission to Doctoral Programmes

- In view of the gazette, Government, of India regarding UGC regulations for Ph. D. admissions and eligibility of supervisors, dated July 11, 2009, the following procedure is finalized for admission of Ph. D. candidates in SHIATS.

- Candidates who qualify the minimum eligibility criteria (regular Master degree in relevant subject with 55% marks/6.0 out of 10 point scale, shall be eligible to appear in Ph. D. Entrance Test conducted by SHIATS.

- The successful candidates who cleared the entrance test shall face the Interview panel at departmental level.

- The merit list is prepared after considering the performance of candidate in Entrance Test and Interview.

- The candidate will be registered in various departments of the University as per the merit and seats availability.

6.4 Welfare schemes for

Teaching	Group Health Insurance Plan for the employees earning monthly salary above Rs. 15000/ month. HDFC Pension Plan Hospital facility for all employees of the University Fee concession for their wards studying in the University
Non-teaching	ESI scheme for employees earing a monthly salary upto Rs. 15000/ month. Group Health Insurance Plan for the employees earning monthly salary above Rs. 15000/ month. HDFC Pension Plan Hospital facility for all employees of the University Fee concession for their wards studying in the University
Students	Group Insurance Scheme Earn while you Learn Programme (work scholarship) Fee concession in the form of scholarship

6.5 Total corpus fund generated

University does not have very large contributions or corpus funds but managing its financial affairs through limited extent from funding provided by Govt. of Uttar Pradesh, Indian Council of Agricultural Research (ICAR), Indian Council of Forestry Research and Education and other government, semi-government and private organizations. The major source of income for the university is from internal resources, mostly fee collection from the students. The University has, at present a term deposit of Rs. 12.98 crores.

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

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic		SGS India Pvt. Ltd. For ISO 9001:2008 certification	Yes	Academic Audit Committee
Administrative				

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/ Autonomous College for Examination Reforms?

1. Introduction of first term and second term examination In place of only mid - term examination.

2. Timely conducting back paper examination.

3. Prefixed examination schedule for all the courses offered by University and day to day evaluation of practical.

4. Online availability of end term mark sheets.

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

The constituent schools and its leadership are defined within the University structure / system. The University and Schools policies and procedures clearly define respective authority and responsibility. The University and Schools leadership collaborate to secure adequate human, physical, technological, educational, and financial resources to maintain and advance the program. The Schools contribute to the activities and governance of the University. The following mechanisms provide for autonomy of the schools.

1. The Board of Studies (BoS) at each department is empowered to recommend syllabus / curriculum changes or changes to the evaluations / assessment methods.
2. The Dean of the individual school is member of the Academic Council, the highest decision making body where they can raise their concern.
3. Constituent School Deans / Senior faculty are members of academic council.

6.11 Activities and support from the Alumni Association

The University has formed an Alumni Association, headed by a distinguished alumnus, Prof. (Dr.) S.B. Lal, the Pro-Vice Chancellor (Administration), SHIATS, Allahabad. A separate link has been created on the university website www.shiats.edu.in for maintaining Alumni Directory. The link has sub-links for Alumni registration, profile update and finding the details about any registered member of the Alumni. The Association also informs individual members of the Association about major events and activities through email.

The general body of the Association regularly conducts annual meet where among other things, new members are welcomed. Generally one distinguished member of the Alumni is honored each year by awarding distinguished alumnus award in recognition of his / her outstanding work in his/her chosen area of the work. The Annual Meet will have cultural programs and grand dinner hosted by the President of the Association for all the members and distinguished invitees including Hon'ble Vice Chancellors and other officers.

The passed-out students of the School of Home Science are active members of the Association and take part not only in the annual event organized by the University Alumni Association but they also participate with enthusiasm in the function organized by Alumni Association of the school, which includes professional activities like guest lectures, tips for professional development, orientation programs for new entrants and placement related services.

6.12 Activities and support from the Parent – Teacher Association

Some of Schools conduct Parent – Teacher meetings and provide them reports of their wards and take their feed-back.

6.13 Development programmes for support staff

1. Computer learning programme.
2. Discount in fee for their wards.
3. Provide medical facility,
4. Group health insurance
5. Coaching for competitive exams for their wards

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

1. Formation of Garbage Management Committee.
2. Dustbins are put at suitable places throughout the University.
3. All the waste paper is used for shredding.
4. Regular and timely cleaning of whole campus.

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.

- Training on selected best practices of top management colleges and implementing them by Mentoring, Experience Sharing by Joseph School of Business Studies
- Digitalization of attendance by Joseph School of Business Studies
- Cleanliness drive at University Campus by Physical Education department
- Adoption of village for community service- Indalpur by the Ethelined School of Home Science
- Mentor-mentee, Peer Support, Remedial Class for weak students, Earn while you learn, Suggestion Box, confidence building through activities for enhancing creativity and competitive spirit by the Ethelind School of Home Science
- Campus cleaning on last Thursday of every month by Theology Department.
- Serving Food to the Yeshu Darbar pilgrims on every weekends through Theology Dept.
- Allotment of cows to UG students practical learning in Sundaresan School of Animal Husbandry and Dairying)
- Society of Animal Husbandry & Dairying organizes various activities viz. Quiz, poster presentation, debates, essay writing, Cattle judging, milking competition etc. For the students to develop professional approach and over all personality development in SSAHD
- Village selected to make ideal-ie Mahewa (Dept. of Extension)
- 2 varieties of Rice: SHIATS-4 & SHIATS DHAN-5 were notified by Allahabad School of Agriculture

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

The Action taken report of Thirty - fourth (34th) Academic Council Meeting held on February 6, 2014 was presented by the Registrar and was received with appreciations. (AC/35-2014-24) In the Thirty - fifth (35th) Academic Council Meeting held on September 17, 2014 at 10.30 A.M. University Conference Hall at SHALOM House (University Guest House), SHIATS.

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

Curriculum design and development

Organizational arragements in IQAC

Details provided in annexure B V & VI

7.4 Contribution to environmental awareness / protection

The whole campus area of the University is covered by lush green foliage.

Dust bins are placed everywhere in the University at convenient places for collection of dry and wet garbage and keep the University pollution free. Time to time plantation work is done the keep the campus full of greenery. There is provision of tree ambulance which takes care of unhealthy or fallen trees.

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 :

It is more than 100 years old University and was founded with the vision "Feed the hungry" and mandate "serve the land". This is the major strength of this University. However, the SWOT analysis of the University clearly depicts all the different areas of SWOT as follows:

STRENGTH :
- Pioneer Institution in the country in agricultural education, research & extension.
- The first Institution of agricultural farm machinery & equipment in South East Asia.
- Faculty with rich corporate experience, good student – teacher ratio.
- University has more than 1000 acres of land on campus and off campus for teaching, research and developmental activities.
- Well equipped need based teaching, research infrastructures available including online research databases – EBSCO – HOST, PROQUEST, CeRA with Wifi enabled campus, lab and library.
- Regular classes / good interactive sessions with students.
- The University has well established modern library, sport complex and medical facilities.
- The University has well established Referral Lab, Centre of Excellence (Maize based), hi-tech Seed Testing Laboratory, Nano Green Technology Lab, Remote Sensing Lab, Food Processing Lab and a number of Experiential Learning (EL) units, modern Students Training Dairy, Auxiliary units (Big & small animals) and Veterinary clinic.
- Department of Animal Husbandry has its significant contribution towards cross-breeding program in cows by developing two cross-breds namely Jersind (3/8 – 5/8 exotic inheritance) and Brownsind (3/8 – 5/8 exotic inheritance) in India.
- University has modern seed processing plant, seed godown (2000 tons capacity).
- University has an excellent communication system centre on campus and the Schools / departments and farms including own community radio centre and Kisan Call Centre.
- University has sizable number of students & qualified dedicated sincere teachers & researchers.
- Around 32% girls students and 33% staff and faculties from different states other than UP and also sizable number of foreign students.
- University has signed MoUs with foreign universities, and under the scientists exchange programme many scientists from different countries are giving their services to the University.
- University has well equipped & established academic system and organized national level entrance exam, timely conducting semester examinations and uploading details of students on University website www.shiats.edu.in.
- University running earn while learn scheme for the students.
- Overseas placement of UG & PG students.
- Teaching moral value education and professional ethics.

- Appropriating the vision and legacy of Gospel & Plough by the founding Vice Chancellor.
- Pioneering venture in Theological Education within University education in India.
- Free access to E-journals by research students.

WEAKNESS

- Limited support from Government bodies, University depends on its own resources from fee etc. Seeking financial support from government for faculty and man power requirement.
- Need for advanced central instrumentation facilities.
- Placement of students is an issue as less students are registering themselves.
- Externally funded grants are inadequate for developing the different activities of the University.
- Language barrier especially with foreign students.

OPPORTUNITY :

- Experiential Learning units, Entrepreneurship cells, Directorate of Innovation, Referral Lab, Seed Lab, growing number of students & staffs, well infrastructures and good academic environment, human resource development.
- Development & enhancement of need based course curriculum, upgradation of syllabus periodically including new integrated programmes, increasing research and publications.
- Developing entrepreneurial spirit.
- Faculty improvement programs.
- National and international short term trainings for faculty members.
- Exploiting the alumni association network for collaborations
- Capitalization on existing industrial contacts for collaboration and placements.
- Biobank for animal cell lines
- Tutorial for NET / GATE aspirants.
- Expansion of current academic programs to accommodate emerging trends in biotechnology and bioengineering
- Spinning of agro based industries based on new technologies.
- Intellectual Property Right and patent of products and or process developed at University.
- Expansion of the different types of seed production programme on campus and off campus.
- Development of agroforestry, breeding programmes of animals, establishment of meat processing unit, piggery & goatery units.
- Transforming young lives to be leaders and responsible citizens, providing counselling.
- There is immense potential & scope for vocational training and empowerment of men and women with skills for self-reliance.
- There is greater potential to work in rural areas which can improve the quality of life of farmers and their families and participation of women in agriculture especially in small units of poultry, apiculture, organic farming etc. Active SHGs for integration of relevant and sustainable technologies to farmers for better profits.

THREAT
- High Court regulation refraining not for constructing of new hostels, classrooms and expansion of other buildings.
- Inadequate employment opportunities.
- Continued challenges for maintaining global standards and competitiveness.
- Shifting of student choice from professional courses to traditional courses.
- Mushrooming of new technical institutions with inadequate infrastructures.
- Beaming population of students and inadequate number of academic infrastructures & accommodation to accommodate them.
- Drug abuse, alocoholism, smoking, pornography.

8. Plans of institution for next year

1.	**Curricular aspects**
	To undertake revision/update of Curricular/Syllabus and regulation
	To collect feedback from stake holders
2.	**Teaching, Training and Evaluation**
	To undertake faculty improvement through conferences / trainings / paper presentation
	To adopt examination evaluation reforms
	To take steps for proper Monitoring and Evaluation of Teaching and Learning process
	To adopt Best practices
3.	**Research Consultancy and Extension**
	To promote Sensitivity and Research and sign MoUs with research organizations
	Submission of Projects to University and outside agencies
	To encourage publication of Research Paper
	To undertake Publication of University reports
	To Conducting Goshthies / Seminars / Trainings in villages, organizing melas
4.	**Infrastructure and Learning resources**
	To plan for Improvement and increase in facilities of classrooms, labs, hostels
	To Improve library facilities
	To take steps for Technology up-gradation
	To plan Special Schemes and Laboratories
5.	**Students support and progression**
	To Help students during admission counselling
	To organize orientation for new students
	To organize students awareness campaign through various means
	To improve students placement
	To organizing students activities
6.	**Governance, Leadership and Management**
	To Adopt Quality improvement strategies in
	Curriculum development
	Teaching and learning
	Examination and evaluation
	Research and Development
	To adopt welfare schemes
	To conduct Audits
7.	**To take Initiative towards making campus eco-friendly**

Name: Prof. (Dr.) A.K.A. Lawrence,
Pro. Vice Chancellor (AA)

Signature of the Coordinator, IQAC

Name: Most Rev. Prof. (Dr.) Rajendra. B. Lal,
Hon'ble Vice Chancellor

16/3/2017

Signature of the Chairperson, IQAC

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