

The Annual Quality Assurance Report (AQAR) of the IQAC 2012-13

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. of Registrar	+91 532 2684281
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>

1.6 Accreditation Details

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

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

2010

1.8 AQAR for the year (for example 2010-11)

2012-13

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

i. AQAR _____ 2010-12 _____ 2013 _____ (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*)

Minority
Status by
State Govt.
of U.P.

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

5

2.2 No. of Administrative/Technical staff

3

2.3 No. of students

-

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

-

2.8 No. of other External Experts

-

2.9 Total No. of members

11+2

2.10 No. of IQAC meetings held –

[01]

2.11 No. of meetings with various stakeholders: No. Faculty
 Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No
 If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

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

Total Nos. International National State Institution Level

(ii) Themes

- National Workshop on Quality Enhancement in Teacher Education
- National Seminar on Emerging trends in Food safety and food standards in India
- National Workshop on promoting health and fitness through Meditation & Nutrition

2.14 Significant Activities and contributions made by IQAC

Feedback from the Students
 Examination evaluation reforms
 Promote Sensitivity in Research

2.15 Plan of Action by IQAC/Outcome

	Plan of Action	Outcome
1.	Curricular aspects	
(a)	To undertake revision of Curricula / Syllabi and regulations	Revision of syllabus has been done for selected schools Credit hour required for UG, PG & Ph.D. programs 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 undertake faculty improvement through conferences / trainings / paper presentations	The faculty has been sent in national and international conferences to present papers, and to attend conferences and trainings.
(b)	To adopt examination evaluation reforms	Implemented
(c)	To take steps for proper Monitoring and Evaluation of Teaching and Learning	Monitoring and Evaluation is the normal feature in semester system

	process	
(d)	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, curricular up gradation
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 Awareness among faculty was created for submission of externally funded projects. National, International seminar, Symposia, training and workshop were organized. Fellowships were awarded to meritorious students.
(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 Conduct 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
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 added
	To plan Special Schemes and Laboratories	Seed testing laboratories 2011-12, 2014 Referral Lab Nutri-farm Scheme Centre of Excellence on Maize Experimental Learning Units Seed Processing Plant Microbial Culture Collection Bank
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 new 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)	To improve students placement	Campus interviews were organized
(e)	To organize students activities	Annual sports meet, departmental society activities were conducted.
6.	Governance, Leadership and Management	
(a)	To Adopt Quality improvement strategies	University has well-structured system of governance including 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 functions. Convocations have been organized
	Curriculum development	Input from students and alumni were taken
	Examination and evaluation	Results were declared timely
	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.
(b)	To adopt welfare schemes	Several welfare schemes adopted
(c)	To conduct Audits	Audits were conducted at various level

Academic Calendar of 2012-13 as Annexure A1, A2

2.16 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
2012-13
Part – B**

Criterion – I

I. 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	50		30	50
PG	116	4	77	116
UG	45	7	37	45
PG Diploma				
Advanced Diploma				
Diploma	20			20
Certificate	01			01
Others	05			05
Total	237			237
Interdisciplinary	14			
Innovative				

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	235
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 BI -B III

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

4th Deans Committee (ICAR) recommendation implemented and the syllabi of all the agriculture courses revised.
Changes (revision) in syllabus of B.Sc. forestry course SSC-406- introduction to Forest Soil Science and Geology (2 credits) has been revised.

Course Structure and Credits of existing courses of Ethelind School of Home Science were revised. Nomenclature of B. Tech Agricultural Engg., B. Tech Water Resource Engg., B. Tech Food Technology (Process and Food Engg.) was revised and approved.
B. Tech Dairy Technology programme.
Renaming of Dissertation and thesis offered at Postgraduate and Ph.D. level.

Revision in UG and PG programmes like M.Sc. MT, MBA-M&EM etc.
New coursework introduced for Ph.D. Research in Commerce Accountancy.
New Supporting Courses such as BAM-853, BAM-854, BAM-855, Bam-850, BAM-851 and BAM-852 for Ph.D. Course work of Faculty of Business Studies were introduced.

Theory and practical syllabi Biotechnology and Bio-Engineering revised .
Nomenclature of M.Sc. Biochemistry (Plant/Animal Biochemistry was changed to M.Sc. Biochemistry)
Nomenclature of course Environmental Science (SES-415) was changed to Environmental Studies (ENV-417) of Course structure of M.Tech. Bioinformatics course was updated

M.A. in Economics and M.A. in History were revised
Research Methodology syllabus framed for M.A. English
Revision in Syllabus was done for Library Science
Clinical Psychology introduced for the Students to better understand the coding and classification of Disorders.
Revision was made in the Course Structure and Syllabus of B.Sc. (Hons.) Biotechnology, M.Sc. Biotechnology, M.Sc. Microbiology, M.Sc. Biochemistry, M. Tech & M.Sc. Bioinformatics Programmes.

Some new courses were introduced; some courses were reshuffled in the Mathematics Department.
Change in course structure was done in Dept. of Biological Science
Course curriculum of M.Sc. Physics was modified.
Modification was made in certain courses such as MAS-814, MAS-715, MAS-815, MAS-511 and MAS-540 of Dept. of Mathematics and Statistics.
Seminar was introduced in M.Sc. Chemistry.
Revision was made in syllabus of U.G., P.G., M. Phil., and Ph.D. programmes of Dept. of Chemistry.

Revision was made in the syllabus of B. Pharm. Programme.
Addition of new topics were added in the syllabi

Syllabi of Engineering and Technology revised

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

Department of Entomology runs under the Allahabad School of Agriculture

3 Experiential Learning Units were started under Centre of Excellence in Ethelind School of Home Science

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
322	217	55	42	08

2.2 No. of permanent faculty with Ph.D.

158

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
08	-	01	-	-	-	-	-	09	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

Guest

Visiting

Temp. Faculty

25

18

98

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	65	471	27
Presented papers	38	213	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 system, funding of University financed research projects to faculty, A portal is available on website in which faculty members may upload notes and assignments teaching materials for students
- Regular revision of course curriculum.
- Remedial classes and peer support system for academically weak students.
- Day to day assessment of practical classes.
- Regular ongoing evaluation through sessional ,Quizzes, innovative projects /assignments and End term Examination.
- Students Feedback on courses on teachers.
- Students are guided to use resources at departmental and University library .
- Overhead Projector, transparencies as delivery medium
- Workshop, seminar, Quiz Competition and Lecture by Visiting Faculty
- Smart Boards installed
- Guest Lectures, Class seminars
- Experiential Learning
- Opportunities to teachers to attend orientation and refresher courses in order to improve teaching quality.
- Interactive learning through group discussions, quizzes, workshops, and academic seminars
- Teaching Theory with Power Point Presentation, more use of Information Communication Technology, Team Teaching, Brain Storming Teaching Method, Discussion, Seminar, Group discussion, Learning by doing, Inclusive education, Internship
- Power point presentation, practical on Apple I-Mac systems, video editing, broadcasting practical, visiting faculty lectures, 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)

Marks distribution including theory and practical for Faculty of Agriculture, Faculty of Engineering & Technology, Faculty of Business Studies, Faculty of Theology, Faculty of Humanities, Social Sciences & Education, Faculty of Animal Husbandry & Dairying and Faculty of Health Sciences shall be as follows;

Assignments, & Quizzes	First Term	Second Term	End Term
20%	20%	20%	40%

There shall be no weightage as per the credit hours allotted to theory and practical. Every student will be evaluated out of 100 marks and their grades with marks obtained will be send to Controller of Examinations for preparing their mark sheets.

However, mark distribution including theory and practical for Faculty of Science shall be as follows;

Assignments	Quizzes	Hourly Test - I	Hourly Test - II	Hourly Test - III	End Term
10%	10%	10%	10%	10%	50%

There shall be no weightage as per the credit hours allotted to theory and practical. Every student will be evaluated out of 100 marks and their grades with marks obtained will be send to Controller of Examinations for preparing their mark sheets.

Recommendation of Dean Post Graduate Studies, Various Board of Studies, School Councils and Faculty Boards on revised credit requirement for UG, PG & Ph.D Programs and Residential Requirements

The Dean, PG Studies, Dean Post Graduate Studies, various Board of Studies, School Councils and Faculty Boards recommended the minimum credit hours requirement for obtaining degree for all UG, PG & Ph.D programs, which shall be as follows:-

Academic Programs	Minimum credit requirement
All Bachelor Undergraduate – 4 year Programs	200
All Bachelor Undergraduate – 3 year Programs	160
All Masters Programs (except PG programs of Faculty of Humanities, Social Sc. & Education, Faculty of Theology & Faculty of Business Studies)	75 (Course work - 45 + Research work – 30)
All Masters Programs of Faculty of Humanities, Social Sc., & Education and Faculty of Theology	65 (Course work - 40 + Research work – 25)
All MBA Programs of Faculty of Business Studies	100 (Course work - 90 + Project work – 10)
All Ph.D Programs (except Ph.D programs of Faculty of Humanities, Social Sc. & Education, Faculty of Theology & Faculty of Business Studies)	90 (Course work - 35 + Research work – 55)
All Ph.D Programs of Faculty of Humanities, Social Sc. & Education, Faculty of Theology & Faculty of Business Studies	

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	

2.10 Average percentage of attendance of students

78

2.11 Course/Programme wise distribution of pass percentage :

The University follows CGPA Grading System. The conversion indication is mentioned bel...

Sr. No.	School	Level	Program	Division				Total
				Distinction	I	II	III	
1.	Allahabad School Of Agriculture	U.G. Program	B.Sc. Ag.	52	36	8	3	99
		P.G. Program	M.Sc. (Ag.) Agricultural Economics	10	4			14
			M.Sc. (Ag.) Plant Protection	10	7			17
			M.Sc. (Ag.) Seed Science & Technology	28	9	2		39
			M.Sc. (Ag.) Agronomy	8	12			20
			M.Sc. (Ag.) Crop Physiology	4	6	1		11
			M.Sc. (Ag.) Entomology	13	6			19
			M.Sc. (Ag.) Genetics & Plant Breeding	18	15	4		37
			M.Sc. (Ag.) Horticulture (Floriculture & Landscaping)	6	9			15
M.Sc. (Ag.) Horticulture (Fruit Production & Post Harvest	12	6			18			

			Technology)					
			M.Sc. (Ag.) Horticulture (Vegetable Science)	12	6	1		19
			M.Sc. (Ag.) Plant Pathology	24	3			27
			M.Sc. Agricultural Extension	12	5			17
			M.Sc. Soil Science & Agricultural Chemistry	13	6			19
2.	Allahabad School of Education	U.G. Program	Bachelor of Education					
			Bachelor of Physical Education					
		P.G. Program	Master of Education					
3.	Chitamber School of Humanities and Social Sciences	U.G. Program	Bachelor of Library & Information Science	4		3		7
			Six months Certificate Course in English Proficiency	5		2		7
		P.G. Program	M.A. in Clinical Psychology				1	1
			M.A. in Psychology (H.R.M)				2	2
			M.A. in Economics					
			M.A. in Education	4		1		5
			M.A. in English	9		4		13
			Master of Library & Information Science	8		2	5	15
			P.G. Diploma in Clinical Psychology					
4.	Christian School of Health Sciences	U.G. Program	B.Sc. Health Science (Health Management)	2	1		1	4
			Bachelor of Pharmacy					
			B.Sc. Medical Laboratory Techniques	5	2	3	1	11
			B.Sc. Medical Laboratory Technology	11	5	6	1	23
		P.G. Program	M.Sc. MLT Clinical Biochemistry	4	1			5
			M.Sc. MLT Microbiology & Immunology	3	1	1		5
			Master of Pharmacy (Pharmaceutical Chemistry)	8				8
			Master of Public Health	12	9	1		22
5.	Ethilind School of Home Science	U.G. Program	B.Sc. (Hons) Home Science	16	4	4		24
			One Year Part Time Diploma in Fashion Technology	2				2
		P.G. Program	M.Sc. Clothing & Textiles	2	1			3
			M.Sc. Family Resource Management (FRM)	1				1
			M.Sc. Food Nutrition & Dietetics	8	6	1		15
			M.Sc. Home Science Extension	2	1			3
			M.Sc. Human Development	3	1			4
6.	Gospel & Plough School of Theology	U.G. Program	Bachelor of divinity (Five Years)		4			4
			Bachelor of Divinity (Four Years)	7	3			10

			Bachelor of Divinity (Three Years)		4			4
			Bachelor of Divinity (Two Years)		1			1
		P.G. Program	Master of Theology in Christian Ministry		2			2
			Master of Theology in New Testament		1			1
7.	Jacob School of Biotechnology & Bio-Engineering	U.G. Program	B.Sc. (Hons) Biochemistry & Biochemical Technology	6	7	4		17
			B.Sc. (Hons) Biotechnology	34	16	3	1	54
			B.Sc. (Hons.) Microbiology & Microbial Technology	28	9	7	2	46
			B.Tech. Biotechnology (Bioprocess Technology)	28	19	6		53
			B.Tech. Biotechnology (Industrial Microbiology)	29	18	2		49
			B.Tech. Biotechnology (Molecular & Cellular Engineering)	23	22	6		51
		P.G. Program	Integrated M.Sc. Biochemistry (Five Year Programme)	3	2			5
			Integrated M.Sc. Biotechnology (Five Year Programme)					
			Integrated M.Sc. Microbiology (Five Year Programme)	2	3			5
			M.Phil. in Biochemistry	1				1
			M.Sc. Biochemistry (Plant Biochemistry/ Animal Biochemistry)	2				2
			M.Sc. Bioinformatics	1				1
			M.Sc. Biotechnology (Plant Biotechnology/ Animal Biotechnology)	28	10	1		39
			M.Sc. Microbiology	7	2	1		10
			M.Tech. Bioinformatics	2				2
			M.Tech. Biotechnology (Bioprocess Technology)					
			M.Tech. Biotechnology (Genomics & Proteomics)	8				8
			M.Tech. Biotechnology (Industrial Microbiology)	3	1			4
8.	Joseph School of Business Studies	U.G. Program	Bachelor of Business Administration (Hons)	19	22	6	3	50
			Bachelor of Commerce	32	12	5	1	50
		P.G. Program	Master of Business Administration	7	15	11		33
			Master of Business Administration (Agribusiness)	20	26	1		47
			Master of Business Administration (International Business)	6		5		11
			Master of Business Administration (Pharmaceutical Management)	7	2		1	10
			Master of Commerce (Financial Accountancy)		2			2
9.	School of Basic Sciences	U.G. Program	B.Sc. Life Sc., Chemistry, Forensic Sc.	1	2			3
			B.Sc. Physics, Chemistry & Forensic Science	1				1
			B.Sc. Physics, Chemistry & Mathematics	1	2	2		5
			B.Sc. Physics, Chemistry & Zoology		1			1
			B.Sc. Physics, Mathematics & Computer Science	7	6	5	1	19

			B.Sc. Zoology, Botany & Chemistry	9	7	2	1	19
			Diploma in Document Examination					
		P.G. Program	M. Phil. in Botany	15	2			17
			M. Phil. in Chemistry					
			M.Sc. Botany					
			M.Sc. Chemistry	6	2	1		9
			M.Sc. Forensic Science	8	3	5	1	17
			M.Sc. Mathematics	2	2	1		5
			M.Sc. Physics	1				1
10.	School of Film & Mass Communication	U.G. Program	B.Sc. Multimedia, Animation & Graphic Design	1			1	2
			BA in Journalism & Mass Communication	13	10	2		25
		P.G. Program	P.G. Diploma in Television Journalism & Video Production			1		1
			M.A. in Mass Communication		1			1
11.	School of Forestry & Environment	U.G. Program	B.Sc. Forestry	18	22	4		44
		P.G. Program	M.Sc. Agro-forestry	4	3	3		10
			M.Sc. Agrometeorology	1	2		1	4
			M.Sc. Environmental Science	3		3		6
			M.Sc. Forestry	3	1			4
			M.Sc. Wildlife Science	1	1			2
12.	Shepherd School of Engineering & Technology	U.G. Program	B.Tech. Civil Engineering	13	23	1		37
			B.Tech. Computer Science & Engineering	15	18	15	2	50
			B.Tech. Electrical and Electronics Engineering	20	26	9	3	58
			B.Tech. Electrical Engineering					
			B.Tech. Electronics & Communication Engineering	16	20	14	4	54
			B.Tech. Mechanical Engineering	21	24	11		56
			B.Tech. Production & Industrial Engineering					
			Bachelor of Computer Application	11	23	16	7	57
		P.G. Program	M.Sc. Computer Science	6	1			7
			M.Tech. Civil Engineering (Construction Engineering & Management)	2		1		3
			M.Tech. Advance Communication System Engineering		1			1
			M.Tech. Civil Engineering (Structural Engineering)	4	2			6
			M.Tech. Civil Engineering (Surveying)	1	1			2
			M.Tech. Civil Engineering (Transportation Engineering)	2				2

			M.Tech. Computer Science & Engineering	11	10	4	5	30
			M.Tech. Electrical & Electronics Engineering (Control & Instrumentation)	7	1	1		9
			M.Tech. Electrical & Electronics Engineering (Control & Instrumentation)					
			M.Tech. Electrical & Electronics Engineering (Power Electronics)					
			M.Tech. Electrical & Electronics Engineering (Power System)	20	5	1		26
			M.Tech. Electronics & Communication Engineering (Communication System Engineering)	14	8	1	1	24
			M.Tech. Electronics & Communication Engineering (Microwave Communication Engineering)					
			M.Tech. Electronics & Communication Engineering (Optical Fibre Communication Engineering)	2				2
			M.Tech. Electronics & Communication Engineering (Signal Processing)					
			M.Tech. Electronics & Communication Engineering (Wireless Communication Engineering)	4				4
			M.Tech. Mechanical Engineering (CAD/ CAM)		1			1
			M.Tech. Mechanical Engineering (Industrial Engineering & Mgt.)		1			1
			M.Tech. Mechanical Engineering (Machine Design)	2				2
			M.Tech. Mechanical Engineering (Production Engineering)	4	1			5
			M.Tech. Mechanical Engineering (Refrigeration & Air Conditioning)	1				1
			M.Tech. Mechanical Engineering (Thermal Engineering)	5	1	1		7
			M.Tech. Production & Industrial Engineering	1				1
			Master of Computer Application	18	16	15	3	52
13.	Sunderesan School of Animal Husbandry & Dairying	U.G. Program	I.D.D. Dairy Husbandry	4		4	2	3
			I.D.D. Dairy Technology	10		11	10	6
		P.G. Program	M.Sc. Animal Husbandry	8		9		17
			M.Sc. Animal Nutrition	2				2
			M.Sc. Poultry Production	3				3
14.	Vaugh School of Agricultural Engineering & Technology	U.G. Program	B.Tech. Agricultural Engineering	24		34	20	6
			B.Tech. Food Technology	30		16	10	2
			B.Tech. Water Resource Engineering	13		21	7	4
		P.G. Program	M.Sc. Remote Sensing & Geographical Information System	1				1
			M.Tech. Agricultural Engineering (Farm Machinery & Power	13	8			21

			Engineering)					
			M.Tech. Agricultural Engineering (Agricultural Process & Food Engineering)	6	5	1		12
			M.Tech. Agricultural Engineering (Irrigation & Drainage Engineering)	4	3	2		9
			M.Tech. Agricultural Engineering (Renewable Energy)	2				2
			M.Tech. Agricultural Engineering (Soil & Water Conservation Engineering)	7	3	1		11
			M.Tech. Food Technology (Food Chain Management)	2	5	2		9
			M.Tech. Food Technology (Food Engineering)	6	5	4	1	16
			M.Tech. Food Technology (Food Process Engineering)	12	6	2		20
			M.Tech. Food Technology (Food Quality Management)	4	9	1		14
			M.Tech. Food Technology (Food Safety and Standards)	4	8	1		13
			M.Tech. Remote Sensing & Geographical Information System		1			1
15.	Warner School of Food & Dairy Technology	U.G. Program	B.Tech. Dairy Technology	19	12	9	2	42
		P.G. Program	M.Sc. Dairy Technology	7	6	4		17
			M.Sc. Food Science & Technology	11	6	4	1	22
			M.Sc. Food Technology	4	3			7
			M.Tech. Dairy Technology					

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

The IQAC periodically takes the feedback from the different stakeholders. Discussion are done with the HoD's and Deans and in faculty Boards to adopt suitable changes in teaching and learning processes.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
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	96		08	108
Technical Staff	105		06	180
Others	17		02	309

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	2	19	21	55
Outlay in Rs. Lakhs	-	302.29	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3	9	12	4
Outlay in Rs. Lakhs	-	6.70	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	298	141	2
Non-Peer Review Journals	7	48	1
e-Journals	8	3	0
Conference proceedings	22	24	0

3.5 Details on Impact factor of publications:

Range Average h-index 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	Continuing coordinate projects	ICAR, SERB, Ministry of Science & Technology, ICMR	195.06	179.38
Minor Projects		Ministry of Science & Technology, Ministry of Earth Science, NRSA, Dir. Of Rice Research, Min. of Agril. IIVR, IIPR	42.93	41.75
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-

Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	-	-

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution	Level	International	National	State	University	College
	Number	-	08	-	01	07
	Sponsoring agencies		SHIATS & ICAR		SHIATS	PPV FRA, SHIATS, JSBS

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

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College

Total

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
50	11	23	3	4	0	9

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

29

57

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

49

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

JRF

5

SRF

3

Project Fellows

1

Any other

9

3.21 No. of students Participated in NSS events:

University level

1200

State level

05

National level

--

International level

--

3.22 No. of students participated in NCC events:

University level

43

State level

04

National level

01

International level

--

3.23 No. of Awards won in NSS:

University level

--

State level

--

National level

--

International level

--

3.24 No. of Awards won in NCC:

University level	<input type="text" value="06"/>	State level	<input type="text" value="01"/>
National level	<input type="text" value="--"/>	International level	<input type="text" value="--"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="151"/>	College forum	<input type="text"/>
NCC	<input type="text"/>	NSS	<input type="text" value="17"/>
		Any other	<input type="text"/>

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

- Promotion of newly released high yielding wheat varieties HD-2985, PBW-343 through Front-line demonstrations.
- Promotion of seed treatment, use of bio-fertilizers and line sowing techniques in different crops.
- Promotion of high yielding disease resistance varieties of tomato, brinjal, cauliflower and chilli.
- Promotion of early varieties of cauliflower.
- Farmer Advisory services through helpline number 18001805309 established in Directorate of Extension. 1506 farmers availed crop related information through this service which is sponsored by Rajya Krishi Utpadan Mandi Parishad, UP Govt.

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	-	-	-
Class rooms	161	-	-	-
Laboratories	165	-	-	-
Seminar Halls	06	-	-	-
No. of important equipment purchased (1-0 lakh) during the current year.	-	34	-	-
Value of the equipment purchased during the year (Rs. in Lakhs)	-	3,70,36,619	ICAR and SHIATS	3,70,36,619
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:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	41750	-	204	9,31,504	41954	-
Reference Books	41954	-	67	3,02,264	42021	-
e-Books	-	-	-	-	-	-
Journals	-	-	135	19.57	135	19.57
e-Journals	-	-	-	-	-	-
Digital Database	-	-	-	-	-	-
CD & Video	-	-	-	-	-	-
Others (specify)	-	-	Furnitures	.52	Furnitures	.52

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	627	79	-	-	-	-	-	-
Added	120	01	-	-	-	-	-	-
Total	747	80	-	-	-	-	-	-

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

<p>* Cyber security and ethical hacking programme conducted</p> <p>* Training to students on Tally</p> <p>* Computer literacy for teaching, non-teaching staff & students</p> <p>* Internet access for students with wifi facility, practical on Apple i-Mac systems of Animations & Visual effects, Mac-Pro Systems for film Production, Computer Training Programme 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.</p>
--

4.6 Amount spent on maintenance in lakhs :

i) ICT	20.13
ii) Campus Infrastructure and facilities	67.9
iii) Equipments	41.28
iv) Others	NA
Total :	129.31

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 and 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. Their progression is tracked through Annual Alumni Meeting and updated. The managerial information system provides regular information to them to remain in contact with their alma mater 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 9869

(b) No. of students outside the state

2876

(c) No. of international students

432

Men	No	%		Women	No	%
	6754	68.43			3115	31.56

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
						8609	823	28	409	-	9869

Demand ratio

Dropout %

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

University has developed a separate Cell for training students for various competitive examinations including GATE, NET, PCS & Civil Services. The concern Departments also provide necessary guidance to students.

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET	24	SET/SLET	-	GATE	21	CAT	12
IAS/IPS etc	01	State PSC	-	UPSC	03	Others	17

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 objectives to see that the University students have a fair chance to be face to face with the Companies / Industries / Institutions, which offer them employment CPCC facilitate the process of providing a common platform for the jobseeker and the employers at the University.

The Man Power Structure:

The Officers

- (1) Dean, Career Planning and Counselling
- (2) Senior Career Planner and Placement Officer
- (3) Career Planner
- (4) Public Relation Associate
- (5) Corporate Relation Officer
- (6) HR Assistant

Support Staff

Clerk,
Dispatch Clerk,
Helper &

Computer Operator.
Office Assistant,
Janitor

The Functions

The Career Planning and Counselling Centre (CPCC) made lists of various companies and keep updating the list by adding 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 six (6) 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

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
60	886	395	31

5.8 Details of gender sensitization programmes

Organized:

Seminar on Crime against Women: Focus on sexual Violence

National Workshop on Gender issues and Challenges

National Workshop on Child Abuse: Trauma Threats and Remedies

5.9 Students Activities

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

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

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		752.72
Financial support from government	875	1034.21
Financial support from other sources	N.A.	-
Number of students who received International/ National recognitions	N.A.	-

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

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.**

MOTTO : **Serve the Land and Feed the Hungry**

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.

The Institute was installed with the belief that the improvement of Indian Agriculture is fundamental to all material and spiritual progress of the country. True success in life depends not only on the ability and technical training of the individual but even more on his/her moral character and attitude towards life. Through teaching and other Christian educational activities, the Institute tries to develop integrity, moral stamina and unselfish idealism in its students. It seeks to base its mode of life and activity on the teaching and example of Lord Jesus Christ and to persuade all men and women to do likewise.

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

The curricula for different faculties and schools 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, the School of Forestry as per ICFRE, the Shepherd School of Engineering and Technology as per AICTE, the School of Basic Sciences as per UGC, College of Education as per NCTE, Christian College of Pharmacy as per PCI etc.

6.3.2 Teaching and Learning

The University provides flexibility to pursue the programme with reference to the time frame as follows:

Academic Programmes	Designed Duration	Maximum Duration
Undergraduate Programmes	8 Semesters	12 Semesters
	6 Semesters	10 Semesters
	4 Semesters	8 Semesters
	2 Semesters	4 Semesters
Postgraduate Programmes	6 Semesters	10 Semesters
	4 Semesters	8 Semesters
	2 Semesters	4 Semesters
Doctoral Programmes	6 Semesters	10 Semesters

If the academic requirements are not complete during the maximum duration as prescribed above, Vice Chancellor may grant one more year to the student to complete the requirements as a grace period.

If the student does not complete the academic requirement even after the grace period his/her registration will be cancelled from the Deemed University.

6.3.3 Examination and Evaluation

Examination Committee

The Examination Committee (EC) monitors continuous evaluation system in every faculty of the Deemed University throughout the semester. Dean of every School has been delegated the authority to act as Examination Superintendent by the EC. The records of the every assessment are maintained by the office of the respective School Dean and also sent to the office of the Examination Controller for producing credentials of the students and records. The entire process is very closely monitored by the EC of the Deemed University. Any change in the in the Examination System is developed by the EC and then sent to Academic Council for its approval and implementation. EC consists of Vice Chancellor as Chairman, Controller of Examination as Member Secretary, Pro Vice Chancellor, Academic Affairs and all School Deans as Members.

6.3.4 Research and Development

Directorate of Research

This Directorate promotes research and monitors Research Projects in the Institute sponsored by ICAR, DBT, DST, UP CAR, MRD, BARC, UGC, ISRO, CSIR, NOVDB, NRSA, NCOF and SHIATS.

Directorate of Innovations, Projects and Consultancy (IPC)

It takes capacity building measures for the faculty members in submission of high quality research and consultancy project to national and international funding agencies in india and abroad. It also manages of intellectual property rights and develops innovative concepts and ideas into technologies and their application.

The Directorates identifies technologies suitable for valorization, assess the existing technology transfer interfaces at the university, and designs policies and programs to encourage the valorization services. It facilitates patenting of new technologies and help in its application in industry and public at large. It also facilitates incubation of technology and its application at appropriate time.

Research Advisory Committee (RAC)

The mission of the Research Advisory Committee (RAC) is to increase the quantity and quality of research at the Deemed University by enhancing the research enterprise on campus. RAC suggests thrust areas and disciplines for introducing research programmes and related activities for future development in research.

RAC encourages faculty members/researchers of Deemed University to conduct meaningful, ethical, cutting-edge research in an intellectually free environment.

It suggests measures for improving existing infrastructural facilities both for academic and sponsored research and enhancing research ambiance.

RAC advises the administration on matters of policies pertaining to research, both internal and external, and provides input concerning policies and procedures that govern administration of externally funded research. RAC also serves as a forum to discuss research-related issues at the Deemed University. RAC is a direct two-way communication channel that faculty and administration can use to convey issues and receive information about research-related concerns. Facilitating communication, engaging external and internal members of the research community, and addressing policies that effect research on campus are key issues for this committee.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Director of Establishment and Estate

It manages the properties of the University and all new properties are purchased through this Directorate. It also manages the legal aspects as regard to properties of the University. It is responsible for liaison work and correspondence with ADA authorities, Municipal authorities and other local authorities along with Estate Officer/Law Officer.

Directorate of Development

This Directorate initiates and facilitates all the developmental programmes of the University. This Directorate operates to strengthen the image, area, scope of the university locally, nationally & internationally.

Directorate of Internal Quality Assessment & Assurance

Develops and Applies Quality Parameters in academics, research and entrepreneurship activities. It facilitates accreditation and reaccreditation of the University, Schools and Academic programmes. It also disseminate the Information on quality aspects as regards to healthy practices.

6.3.6 Human Resource Management

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 perform such other duties as assigned by the Vice Chancellor.

6.3.7 Faculty and Staff recruitment

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.

Selection Committee

Appointment of Professor

- i. The Vice – Chancellor of the University to be the Chairperson of the Selection Committee.
- ii. Three outside experts in the concerned subject from a panel of not less than six names recommended by the Academic Council and approved by the Executive Council.
- iii. Pro Vice – Chancellor, Academic Affairs and Pro Vice – Chancellor, Administration as a member.
- iv. Registrar
- v. Director HRMR
- vi. Director Research
- vii. Dean of the concerned Faculty
- viii. Dean of the concerned School
- ix. Concerned Head of the Department
- x. An academician nominated by the Vice – Chancellor.

Appointment of Associate Professor and Assistant Professor

- i. The Vice – Chancellor of the University to be the Chairperson of the Selection Committee.
- ii. Three outside experts in the concerned subject from a panel of not less than six names recommended by the Academic Council and approved by the Executive Council.
- iii. Pro Vice – Chancellor, Academic Affairs and Pro Vice – Chancellor, Administration as a member.
- iv. Registrar
- v. Director HRMR
- vi. Director Research
- vii. Dean of the concerned Faculty
- viii. Dean of the concerned School
- ix. Concerned Head of the Department
- x. An academician nominated by the Vice – Chancellor.

Meetings of the Selection Committee:

- i. The meetings of the Selection Committee will be convened by the Chairman of the Selection Committee as and when necessary.
- ii. Fifty percent members of the Selection Committee shall form the quorum, consisting of atleast two outside experts.
- iii. The Selection Committee shall submit its recommendations to the Executive Council, for approval and appointment.
- iv. The Executive Council, may appoint any eminent person/ scholar/ Scientist of the specific field to any positions, even without an interview/selection procedure.
- v. The Executive Council, upon the recommendation of the Selection Committee, may relax any of the qualifications for appointing Officers or Teachers in the University.

Promotion of the Faculty Members under Career Advancement Scheme (CAS)

The promotion of teachers to higher cadre / grade pay and post under Career Advancement Scheme is not only on the basis of number of years served but also on the basis of his / her contribution in teaching, research and extension / Institutional development. A teacher aspiring for personal promotion should provide information through or along with the Appraisal Form for the consideration of the Screening Committee.

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 earning 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

NA

6.6 Whether annual financial audit has been done

Yes

No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic			Yes	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. 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.

- Trained students for competitive examinations (SOFE)
- Mentoring, Interaction with parents, inter college meet (JSBS)
- National Sports Day Rally (Phy. Edu.)
- Aids awareness rally at Mahewa by the Students of the Allahabad School of Education.
- Bio-resource application against insect-pest disease by the Allahabad School of Agriculture.
- Preparation of Academic Calendar, Teaching Schedule, Mentoring and update of curriculum

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 Thirtieth (30th) Academic Council Meeting held on November 19, 2012 was presented by the Registrar and was received with appreciations (**AC/31-2013-05**) at the Thirty First (31st) Academic Council Meeting held on March 14, 2013 at 10.30 A.M. in Conference Room, Shepherd School of Engineering & Technology, Sam Higginbottom Institute of Agriculture, Technology & Sciences, Allahabad.

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

Earn While you Learn Scheme
Curriculum update

details provided in annexure B IV & V

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)

<p>SWOT ANALYSIS:</p> <p>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:</p> <p>STRENGTH:</p> <ul style="list-style-type: none">• 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-breeds 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.
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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, up gradation 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

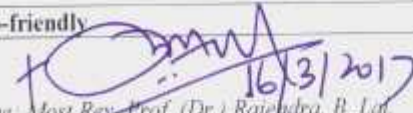
- High Court regulation refraining not for constructing of new hostels, classrooms and expansion of other buildings.
- Inadequate employment opportunities.
- Continued challenges for maintaining global standards and competitiveness.
- Shifting of student choice from professional courses to traditional 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, alcoholism, smoking, pornography.

8. Plans of institution for next year

Plan of Institution for next year 2013-14

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)


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

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

SAM HIGGINBOTTOM INSTITUTE OF AGRICULTURE, TECHNOLOGY & SCIENCES
ALLAHABAD – 211007

Academic Calendar for Autumn Semester – 2012
(July to December-2012)

- | | | |
|---|---|--|
| 1. Counseling and admission of new students | - | July 11-30, 2012 |
| 2. (a) Registration (for Old Students)
(Registration includes clearance of previous
Dues, payment of semester fee and registration
in the respective Schools.) | - | July 15, 2012 to Aug. 14, 2012 |
| (b) Commencement of Classes (For Old students)- | | July 20, 2012 |
| 3. (a) Registration in the respective School
and Orientation(For New students) | - | July 31, 2012 |
| (b) Commencement of Classes (For New students)- | | August 01, 2012 |
| 4. Welcome Tea for New Students | - | August 13, 2012 |
| 5. First notification for shortage of attendance
by the teacher | - | September 05, 2012
(Duration: Aug.01-Aug. 31, 2012) |
| 6. Second notification for shortage of attendance
by the teacher | - | October 05, 2012
(Duration: Aug.01-Sept. 30, 2012) |
| 7. Mid Term Examination | - | October 29 – November 02, 2012 |
| 8. Third notification of shortage of
attendance by teacher | - | November 05, 2012
(Duration: Aug.01– Oct. 31, 2012) |
| 9. Fourth notification of shortage of
attendance by teacher | - | December 03, 2012
(Duration: Aug.01– Nov. 30, 2012) |
| 10. Issue of Admit Cards for End Term Examination | - | Dec. 07 - 09, 2012 |
| 11. End Term Examination | - | Dec. 13 - 22, 2012 |
| 12. Semester break for students (winter) | - | Dec. 22, 2012 to Jan. 06, 2013 |
| 13. Last date of submission of grade to E. T. &
Examination Division | - | Dec. 28, 2012 |
| 14. Declaration of results and distribution of grade
Sheet | - | Jan. 18, 2013 |
| 15. Beginning of Spring Semester (Jan. 2013 onwards) | - | Jan. 07, 2013 |

**All students are permitted to attend classes from the date announced. After 15th August 2012 only bonafide students who have paid the semester fee and registered in the respective schools be permitted to attend the classes.*


[Prof. (Dr.) Robin L. Prasad]
Additional Registrar

**SAM HIGGINBOTTOM INSTITUTE OF AGRICULTURE, TECHNOLOGY & SCIENCES
ALLAHABAD – 211007**

**Academic Calendar for Spring Semester – 2013
(January to June-2013)**

- | | | |
|---|---|--|
| 1. Registration
(Registration includes clearance of previous Dues, payment of semester fee and registration in the respective schools/colleges.) | - | January 07 -25, 2013 |
| 2. Commencement of Classes | - | January 07, 2013 |
| 3. First notification of shortage of attendance by the teacher. | - | March 04, 2013
(Duration: Jan.-Feb. 2013) |
| 5. Mid Term Examination | - | March 18–22, 2013 |
| 6. Second notification of shortage of Attendance by concerned faculty member | - | May 01, 2013
(Duration : Jan.-April 2013) |
| 7. Last teaching day of the semester | - | May 10, 2013 |
| 8. Issue of Admit Cards for End Term Examination- | | May 08 -10, 2013 |
| 9. End Term Examination | - | May 13-24, 2013 |
| 10. Summer Break / Summer Training | - | May 28 to July 05, 2013 |
| 11. Last date of submission of grade to E. T. & Examination Division | - | May 30, 2013 |
| 12. Declaration of results and distribution of grade-Sheet. | | June 25, 2013 |
| 13. Beginning of Autumn Semester | - | July 08, 2013 |
| 14. Commencement of classes for Old Students- | | July 22, 2013 |
| 15. Commencement of classes for New students- | | July 22, 2013 |

Norms for attendance will be strictly followed as per the guidelines of UGC/ICAR/AICTE/NCTE/PSI/NCI.

*Display of attendance of **January 2013** on notice board of concerned School - **4th Feb. 2013**
 Display of attendance of **February 2013** on notice board of concerned School - **4th March 2013**
 Display of attendance of **March 2013** on notice board of concerned School - **3rd April 2013**
 Display of attendance of **April 2013** on notice board of concerned School - **2nd May 2013***


[Prof. (Dr.) A.K.A Lawrence]
Registrar

ANNEXURE-BI

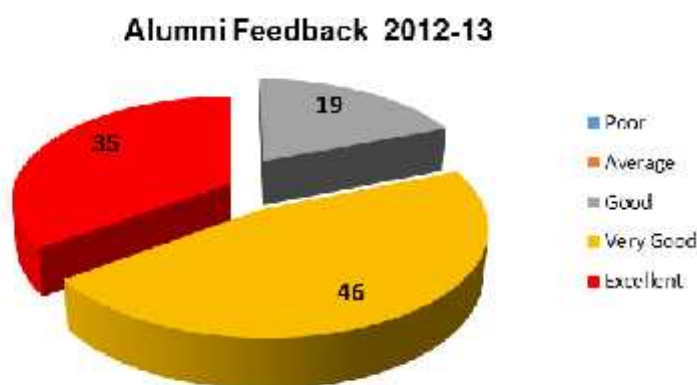
Alumni Feedback (2012 -13)

Alumni feedback is taken during Alumni Association Annual Meetings or during the occasional visits of alumni to University/Departments. Their views are obtained and analyzed on following points:

- Admission Procedure and Counseling
- Governance
- Environment
- Student Projects
- Infrastructure & Lab facilities
- Training & Placement
- Rating on the skill related courses and their suitability to Industry.
- Library
- Canteen
- Alumni Association/Network of Old students.
- Faculty Strength
- Learning experience in terms of their relevance to the real life application.
- To what extent the in the specific programme, educational objectives are fulfilled by the Department/ School/University?
- Core Competence of students with sound knowledge in their chosen area.
- Competence to train students with knowledge relating to an area of professional fields undertaken so as to comprehend, analyze, design, and create innovative products and find solutions to improve the quality of life as a whole.
- Professionalism: To create professionally superior and ethically strong global manpower and to uphold moral values. With effective communication skills, teamwork skills, multidisciplinary approach, and an ability to improve the quality of life.
- Learning Environment: To create an intellectual environment for research and development to make them aware of emerging technologies leading to continual learning needed for a successful professional career, to create a centre of excellence and to develop leaders.
- Student support system
- Cleanliness
- Greenery

Their views are taken on five point scale.

Excellent	Very Good	Good	Average	Poor
5	4	3	2	1



ANNEXURE: BII

FEED BACK ON TEACHERS' EVALUATION BY STUDENTS (2012-13)

Feedback from sample students from each course are taken based on following questionnaire:
The teachers are rated from 1-5 scale by the students

1. Rarely 2. Once in a while 3. Sometimes 4. Most of the times 5. Almost always

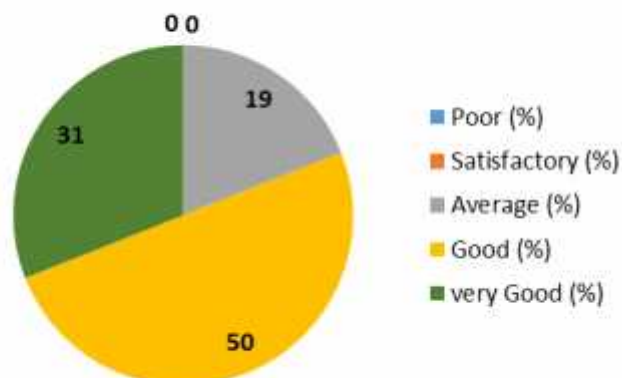
- Teacher is prepared for the class
- Teacher knows his/her subject.
- Teacher is organized and neat.
- Teachers plan class time and assignment that help students to problem solving and think critically.
- Teacher is flexible in accommodating for individual student needs.
- Teachers follow Teaching schedule.
- Teacher allows you to be active in the classroom learning environment.
- Teacher manages the time well.
- Teacher is clear in giving direction and on explaining what is expected on assignment and Examination/tests.
- Teacher is systematic in his/her academic approach.
- Teacher grade fairly.
- I have learned a lot from this teacher about this subject.
- Teacher gives me good feedback on assignment and projects so that I can improve
- Teacher is creative in developing activities and lessons.
- Teacher encourages students to speak up and be active in the class.
- Teacher follows, on what he/she says.
- Teacher listens and understands students' point of view
- Teacher respects the opinion and decision of students'
- Teacher is willing to accept responsibility for his/her own.
- Teacher is willing to learn from students
- Teacher is sensitive to the need of students
- Teacher's words and action match
- Teacher is fun to be with.
- Teacher likes and respects students
- Teacher helps you when you ask to help.
- Teacher is consistent and fair in discipline.
- I trust this teacher
- Teacher is fair and firm in discipline without being too strict

Based on the average score, every teacher was graded as shown below:

Score Rating	
1	Poor
2	satisfactory
3	Average
4	Good
5	Very Good

The analysis of outcome from the evaluation sheets received from various schools is as under:

Students Feedback for Teachers: 2012-13



ANNEXURE: BIII

Employer Feedback (2012-13)

The feedback from employers is taken telephonically or at the time of their visit to University.

Employers satisfaction level best describes by their level of satisfaction from 1-5 at each of the following question is taken.

How satisfied are you with the student/s work performance in each of these areas:

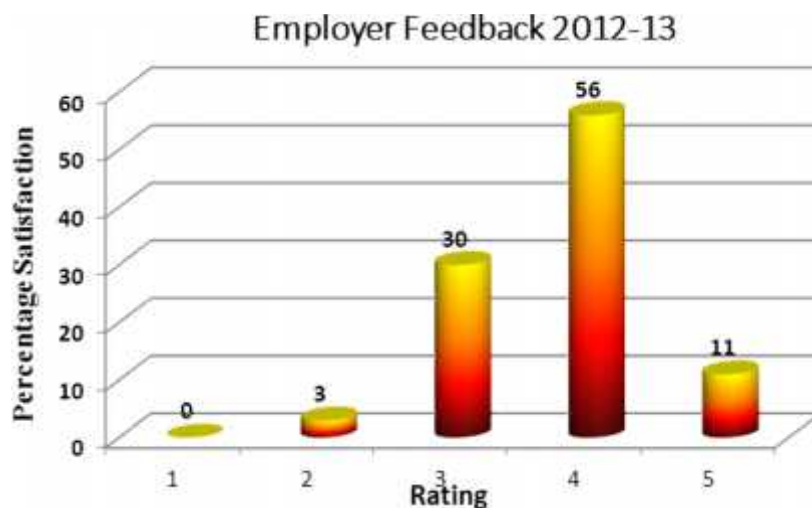
1. General communication skills
2. Technical knowledge/skill
3. Developing practical solutions to work place problems
4. Working as part of a team
5. Creative in response to workplace challenges
6. Their planning and organization skills
7. Self-motivated and taking on appropriate level of responsibility
8. Open to new ideas and learning new techniques
9. Using technology and workplace equipment
10. Ability to contribute to the goal of the organization
11. Ability to manage/leadership qualities
12. Innovativeness, creativity
13. Relationship with seniors/peers/subordinates
14. Involvement in social activities
15. Ability to take up extra responsibility
16. Obligation to work beyond schedule if required

Score Rating	
1	Far from satisfaction
2	Not satisfied
3	satisfied
4	Happy
5	Very happy

On a scale of 1 to 5, how do you rate your overall satisfaction with SHIATS students and the curriculum?

Please give suggestion for improvement of programs or curriculum if any

Analysis of Feedback



Annexure- B IV

Best Practice-2(2012-13)

Curriculum Update

Context

There is growing concerns about the impact and challenges humans are facing. The implications of those impacts for future generations have led many to argue that higher education has a key role to play in helping us move to a future characterized by an ability to meet the needs of the present without impeding the ability of future generations to meet their own needs.

In today's complex and competitive academic environment in higher education, professional approaches and best practices alone can act as catalysts for quality improvements in the system prepare the future generations to face the growing challenges. The quality of curriculum and the human infrastructure would make a quantum difference in the quality of graduates, which is the outcome of such inputs. Realizing that the present system offers a very rigid pattern, which is inadequate to satisfy the interests and aspirations of the students, it was necessary for the university to move with the times and offer programmes to cater to the diverse needs of the students according to their learning ability and pace of learning. Optimization of resource use to achieve the best realization and nurture of talents among the large student community prompted the university to initiate this curricular reform.

The Objectives

To assess the quality of curriculum and curricular transactions in all faculties.

To provide adequate learning opportunities for advanced learners.

To facilitate students and teachers abreast of advanced knowledge in their respective fields as well as other soft skills and ICT components.

The Practice

The Boards of studies of all the departments meets every semester and necessity for updating the curriculum of requisite subject is discussed. A special committee is constituted to revise / update the syllabus to selected course under the chairmanship of school Dean to and for updating the curriculum to suit the changing needs of the society as well as to cope with the knowledge expansion.

Obstacles faced / Problems encountered

The only obstacle faced in implementing the practice is the shortage of manpower. Sufficient time is not available with faculty because of scheduled classes to conduct regular meetings and discussions.

Evidence of Success

The curriculum became meaningful to the students because of its relevance to their interests and aspirations. Emerging areas of global demand have been introduced in the system, which became attractive to students from within and outside. Student participation and experiential learning has been enhanced to a great extent. The Assessment system has become more transparent and overall improvement in Academic effectiveness is visible.

Resources Required

Resource available at the Head of department's office including Computer and office assistant

The teacher of the department, outside experts, alumni as special invitees provides the special inputs.

Contact Details

Pro Vice Chancellor

Sam Higginbottom Institute of Agriculture Technology and Sciences

Allahabad

(Deemed-to-be University)

P.O. Allahabad Agricultural Institute Allahabad-211007, U.P.

Annexure - BV

Best Practice-1(2012-13)

Earn While Learn Scheme

Context

Students are the valuable human resource and have immense potential to work, manage and organize various activities. It is essential that they should be exposed to real working environment while pursuing their routine academics to prepare them for better future. The opportunity to provide them hands-on experience with financial support can make them more efficient, organized and self dependent.

The Objectives

- a. Exploit the immense potential of students as a valuable human resource.
- b. Involve the students in management and development of the institution.
- c. Give students hands on experience and thereby prepare them better for taking up jobs in future.
- d. Encourage young students to learn about dignity of Labour.
- e. Prevent students from avoidable distractions and engage them in meaningful, positive activities.
- f. Reduce dependence of regular ministerial staff whose productivity over a period of time has declined considerably.
- g. Achieve better work efficiency at a lesser cost.
- h. Enable meritorious and needy students to earn a reasonable amount every month to meet their expenses.

The Practice

The applications are invited by the students of weaker background immediately on the beginning of the academic session from the Dean Student welfare to place the selected students in various University offices, laboratories, Library etc. The applications from students are invited by the Dean student welfare. The Committee consisting of Dean student welfare and senior faculty members selects the students in order of merit (on the basis of last examination result) and their economic background. However, due weightage is also given to students on the basis of participation in co-curricular activities. The selected students contacts concerning department and are placed their, depending on their knowledge and skill in concerning area of work. students can be engaged in offices, labs and library for making them responsible for handling the equipment/ machinery, its maintenance and upkeep, storage of equipment and upkeep of Laboratories/ Workshops. Senior students shall be useful for conduct of practical and jobs training in the Workshops. Similarly, the students under this scheme would be engaged for library jobs such as cataloguing, arrangement and display of books, repair of damaged books, issue and return of books etc. Presently the libraries are under staff and due to this the proper utilization of library is not achieved by the students and the staff.

The students can also be engaged for performance of various office jobs like preparation of statements, maintenance of service records, compilation and analysis of data, maintenance of students data, Store inventory, students attendance, hostel records etc. Since the students are having knowledge of computer, skill can be utilized in positive way and increasing the efficiency. The students are paid on hourly basis.

Obstacles faced / Problems encountered

In order to keep vigil on the deployment of students and payments to be made to them the following restrictions are required to be imposed. Enrolment register is to be maintained by the department concerned which should contain full particulars of the student so enrolled specifying the work to be allocated to him mentioning therein actual hours for which he has to work. This creates an additional work pressure and paper work. The work is managed by the faculties which needs to devote additional time.

Evidence of Success

Several students of weaker section gets financial support to meet their daily expenses during their studies in the University. They find their job interesting at the units of their choice. They also find chances of learning at various levels. They improve their relationships with faculty, staff and research fellows. The scheme reduces the worries of parents as the students find better environment with financial support. Scheme makes students work oriented and financially independent.

Resources Required

Budget allocation under Earn while Learn Program. Selection of students and their trainings at various departments.

Contact Details

Registrar
Sam Higginbottom Institute of Agriculture Technology and Sciences
Allahabad
(Deemed-to-be University)
P.O. Allahabad Agricultural Institute Allahabad-211007, U.P.