

The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year

2016-17

I. Details of the Institution

1.1 Name of the Institution

Gurukula Kangri Vishwavidyalaya

1.2 Address Line 1

Post office: Gurukula Kangri,

Address Line 2

Haridwar, 249404

City/Town

Haridwar

State

Uttarakhand

Pin Code

249404

Institution e-mail address

registrar@gkv.ac.in

Contact Nos.

7300761138

Name of the Head of the Institution:

Prof. Vinod Kumar

Tel. No. with STD Code:

7300761329

Mobile:

9412072096

Name of the IQAC Co-ordinator:

Prof. Shrawan K. Sharma

Mobile:

9412074666

IQAC e-mail address:

iqac@gkv.ac.in

1.3 NAAC Track ID (For ex. MHC0GN 18879)

UAUNGN 10061

OR

1.4 NAAC Executive Committee No. & Date:

EC/71/A&A/9.2 dated November 16, 2015

(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)

1.5 Website address:

gkv.ac.in

Web-link of the AQAR:

gkv.ac.in/AQAR2016-17.doc

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	1 st Cycle	****	-	2002	2002-07
2	2 nd Cycle	"A"	3.13	2015	2015-20
3	3 rd Cycle				
4	4 th Cycle				

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

24/09/2003

1.8 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. The latest Assessment was done in October 2015. This second AQAR 2016-17 is being submitted.

1.9 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(e.g. 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

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

Pharmaceutical Science and Oriental Studies

1.11 Name of the Affiliating University (for the Colleges)

N. A.

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

Autonomy by State/Central Govt. / University

Central Govt. through UGC

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

13

2.2 No. of Administrative/Technical staff

09

2.3 No. of students

02

2.4 No. of Management representatives

01

2.5 No. of Alumni

02

2.6 No. of any other stakeholder and
community representatives

01

2.7 No. of Employers/ Industrialists

01

2.8 No. of other External Experts

-

2.9 Total No. of members

25

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 No. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

In order to ensure the quality the IQAC collected data and information on various aspects of institutional functioning, and conducted meetings with departmental IQAC's to discuss various plans.

The IQAC played an active role in internalizing quality culture in the Vishwavidyalaya. This culture is maintained and sustained by several initiatives taken by the cell through out the year. The cell worked continuously for collecting and collating qualitative & quantitative data from every unit of the Vishwavidyalaya. All Faculty and Departments have formed internal quality assurance cell for continuously updating information and supplying the same to IQAC at the central level. The quality cell at the departmental level ensured the internal quality aof the department. In order to facilitate collection of information from various quarters the process was made fully automated and online. Sessions were conducted for the faculty and periodical meetings/ discussions with department faculty representatives to collate the data pertaining to various activities of the department. All the proceedings of the major committees of the Vishwavidyalaya were procured by the IQAC. The students' wing was also the part of the meets to plan activities which enhanced the quality of student life on campus. The IQAC played a key role in implementing CBCS in the Vishwavidyalaya. Internal Academic Audit and setting up of Google Scholars Profile of teachers was initiated. The IQAC, through its activities ensured efficient performance of academic and administrative tasks.

2.15 Plan of Action by IQAC/Outcome

Plan of Action	Outcome
1. Academic audit was planned to be carried out.	Prof. D. K. Maheshwari was appointed Dean Research & Academic Audit. Audit was carried out
2. Green Audit was planned to be carried out	Prof. P. C. Joshi was appointed as Dean, Green Audit. Audit was carried out
3. Administrative audit was planned to be carried out	Under process
4. Energy Saving measures in the Vishwavidyalaya	Twenty solar lamps installed at various key points for energizing few administrative buildings of the Vishwavidyalaya. Installation LED lamps/Tube
5. Composting from waste	Five bio-pits were dug for dumping all the waste of Vishwavidyalaya.
6. Planned for Shredder Machine	Bought Shredder Machine

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate any other body

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	17	Nil	Nil	Nil
PG	17	Nil	Nil	04
UG	21	03	04	04
PG Diploma	2	Nil	Nil	02
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	1	Nil	Nil	01
Others	-	-	-	-
Total	58	03	04	11

Interdisciplinary				
Innovative				

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

Pattern	Number of programmes
Semester	All
Trimester	Nil
Annual	Nil

1.3 Feedback from stakeholders*
 (On all aspects)

Alumni Parents Employers Students

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

**Please provide an analysis of the feedback in the Annexure*

Note:

Faculties of Engineering & Technology and of Management Studies, students' assessment of teaching staff was introduced in 2011 and 2009 respectively, which has been followed regularly on the basis of this feedback. FET introduced "most popular teacher award" and FMS introduced "best teaching staff award" to the teacher securing maximum points.

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

Syllabi were revised in a accordance with CBCS.

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

Nil

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Maintenance				
Total	Asst. Professors	Associate Professors	Professors	Others
96	72	19	05	-
Self finance				
Total	Asst. Professors	Associate Professors	Professors	Others
25	25	-	-	-

2.2 No. of permanent faculty with Ph.D.

96

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

Maintenance									
Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
-	28	-	12	-	15	-	-	-	55
Self finance									
Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
-	05	-	-	-	-	-	-	-	05

2.4 No. of Guest and Visiting faculty and Temporary faculty

Maintenance	06	33	08
Self finance	38	-	10

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	48	83	11
Presented papers	47	77	11
Resource Persons	21	33	03

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

- Sanskrit literary theories were used to teach and appreciate the western texts.
- Student centric methods, such as experimental learning participative learning and problem solving methodologies were used for enhancing learning experience.
- Online Web Resources were made available for students
- Lecture through case for BBA and MBA delivered. Business games and other simulations activities were used.
- Use of Discussion on News Articles connecting them with ongoing text
- Ancient Indian stories and used current online videos during teaching and learning were used
- Use of MOOCS like NPTEL in important lectures
- Technology based teaching with case based teaching methodology used.
- Field visits and different industrial sites located in the nearby area of Haridwar were made so as to give students real time exposure.
- Adopted ICT in teaching e.g. audi/video, power point etc.
- Educational exposure visits to places of historical importance and museums in local area were made.
- Special lectures by guest scholars were arranged.
- Business quiz and discussions/Poster Making/Paper Reading/Slogan writing competition Lectures computer aided visualiser, animations, short video clips, Audio clips, documentaries; were used for teaching.

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

182

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

In compliance with RTI act, examinees were allowed to get photocopy of their evaluated answer scripts of semester/annual examination. Double valuation is also applicable. If the candidate is not satisfied with first evaluation, he is allowed to apply for second evaluation.

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

65

39

50

2.10 Average percentage of attendance of students

64%

2.11 Course/Programme wise distribution of pass percentage:

Classes	Appeared May 2016	Pass.	First	Second	Third	Pass without Div
B.Sc. (Semester)	273	258	144	95	02	17
B.Tech	345	340	324	08	-	08
B.Pharma	41	41	25	10	-	06
B.B.A (Boy)	28	26	23	03	-	-
B.B.A (Girl)	04	04	04	-	-	-
B.A (Boy)	52	49	21	20	-	08
B.A (Girl)	04	04	03	01	-	-

Vidyalankar (Boy)	06	05	03	-	-	02
Vidyalankar (Girl)	12	12	12	-	-	-
Vedalankar (Boy)	10	10	10	-	-	-

M.Sc. Mic (Boy)	40	39	27	-	-	12
M.Sc. Mic (Girl)	38	38	33	01	-	04
M.Sc. Env. (Boy)	13	13	11	01	-	01
M.Sc. Env. (Girl)	13	13	09	03	-	01
M.Sc. Mat (Boy)	34	32	24	04	-	04
M.Sc. Mat (Girl)	37	36	27	08	-	01
M.Sc. Che (Boy)	45	45	45	-	-	-
M.Sc. Che (Girl)	43	43	39	-	-	04
M.Sc. Phy (Boy)	30	29	28	-	-	01
M.Sc. Phy (Girl)	40	40	38	-	-	02
MCA (Boy)	35	35	28	-	-	07
MCA (Girl)	33	33	26	-	-	07
MBA (Boy)	21	21	15	05	-	01
MBA (Girl)	16	15	14	-	-	01
MBF (Boy)	13	13	09	04	-	-
MBF (Girl)	12	12	10	-	-	02
MBE (Boy)	01	01	01	-	-	-
MA Vedic Sahitya	05	05	05	-	-	-
MA Sanskrit Sahitya (Boy)	07	07	05	02	-	-
MA Sanskrit Sahitya (Girl)	20	20	17	02	-	01
MA Philosophy (Boy)	01	-	-	-	-	-
MA Philosophy (Girl)	02	02	02	-	-	-
MA Jyotish	11	11	09	-	-	02
MA History (Boy)	14	12	07	05	-	-
MA History (Girl)	13	13	12	01	-	-
MA Yoga	22	22	21	01	-	-
MA Hindi (Boy)	03	03	01	02	-	-
MA Hindi (Girl)	16	15	09	04	-	02
MA English (Boy)	01	01	01	-	-	-
MA English (Girl)	22	21	14	07	-	-
MA Psychology (Boy)	03	03	01	-	-	02
MA Psychology (Girl)	11	11	09	02	-	-

Classes	Enrolment in Ist Sem	Appeared May 2016	Pass.	Above 6 CGPA	5-6 B/w CGPA	4-5 B/w CGPA
PG Dip in HC & Yogic Science	52	38	29	-	-	-
PG Dip in Hindi Patrakarita	11	09	07	-	-	-
Diploma in Yoga	58	58	29	-	-	-

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

In some courses like B. Tech., M.B.A. and M.B.A. (BF) students assessment of teaching staff was introduced. On the basis of this, FET started "most popular teacher award" and FMS started "best teaching staff award" every year to the teacher securing maximum points. IQAC also interacted with Department Heads & Faculty Deans, who in turn interacted with teachers & students.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	08
UGC – Faculty Improvement Program	01
HRD program	06
Orientation program	00
Faculty exchange program	02
Staff training conducted by the university	03
Staff training conducted by other institutions	17
Summer / Winter schools, Workshops, etc.	21
Others	01

2.14 Details of Administrative and Technical staff

Maintenance				
Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	115	37	-	-
Technical Staff	50	07	-	-
Self Finance				
Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	30	-	-	-
Technical Staff	32	-	-	-

Criterion – III

3. Research, Consultancy and Extension

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

IQAC asks for record of their research work from all teachers which automatically sensitize them for better record. Thus they are promoted for research.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	06	-	-
Outlay (in Lac ₹)	-	7.04	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay (in Lac ₹)	-	-	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	156	60	01
Non-Peer Review Journals	02	01	00
e-Journals	02	00	00
Conference proceedings	14	03	01

3.5 Details on Impact factor of publications:

Range **0.351-5.97** Average **3.1** h-index **30** Nos. in SCOPUS **75**

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 (in Lac ₹)	Received (in Lac ₹)
Major projects	2016-17	UGC	900000	49000
	2016-17	UGC	200000	200000
	2016-21	DST	540000	1460000
Minor Projects	2016-17	UGC	100000	100000
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other BSR Fellowship	2 yrs	UGC	614000	614000
	2yrs	UGC	699000	699000

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 N.A. 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	-	10	-	01	-
	Sponsoring agencies	UCOST, IAPT, Indian Science Congress Association, UGC, GKV				

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: NIL

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
10	02	06	01	-	01	-

3.18 No. of faculty from the Institution

who are Ph. D. Guides
and students registered under them

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

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level 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 State level
National level International level

3.25 No. of Extension activities organized

University forum College forum
NCC NSS Any other

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

The following activities were conducted in order to sensitize students to social issues and holistic development

NSS Activities

- International Yoga Day on 21 June 2016.
- The National Service Scheme day on 24 September 2016.
- Free Plantation on 11 October 2016.
- Youth day on 25 January 2017.
- National Voters Day on 25 January 2017.
- Blood Donation Camp on 22 February 2017.
- Ganga Swachata Abhiyan 08 March 2017.
- International Women Day on 08 March 2017.
- Green Uttarakhand foundation Day on 11 March 2017
- Yoga and Mediatation on 21 March 2017.
- Cleanliness Awareness on 22 March 2017
- Digital Payment Awareness on 24-25 March 2017.
- N.S.S. special camp at Jamalpur Kala on 25-31 March 2017.
- Visits to Vanprasth Ashram, Divya seva mission on 22 April 2017.
- Jagriti All Kinders women Conference, Haridwar Ashram on 27 April 2017.

NCC Activities

- Blood donation camp on 06 November 2016.
- Participated in Flag day Armed Forces Flag Day on 07 December 2016.
- Tree Plantation on 05 June 2016.
- Participated in Swami Sharadhanand Balidan Diwas on 23 December 2016.
- Ganga Swachchta Abhiyan on 04 October 2016.
- Aids Awareness camp on 01 December 2016.
- Helped NSS in selecting students for R.D. Prade on January 2017.
- Participated in International Yoga Day on 21 June 2017.

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	204.83 Acres	-	-	204.83 Acres
Class rooms	94	06	-	100
Laboratories	68	03	-	71
Seminar Halls	13	01	-	14
No. of important equipments purchased (\geq ₹1.0 Lac) during the current year.	35	05	-	40
Value of the equipment purchased during the year (in Lac ₹)	163.89 Lac	28.4 Lac	UGC	192.29 Lac
Others	-	-	-	-

4.2 Computerization of administration and library

- All the Administrative offices like Establishment, Academic, Exam, Accounts, Evaluation, Placement, Estate, Dean Students' Welfare, Security etc computerized.
- Library automation is done with five computers and a printer for journal access
- Internet access is available with band with speed 1 GBPS.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value in Lac ₹	No.	Value in Lac ₹	No.	Value in Lac ₹
Text Books	256533	22274233	2459	853037	258992	23127270
Reference Books	11958	3475196	242	177007	12200	3652203
e-Books	82	-	5	-	87	-
Journals	1052	1818304	238	339277	1290	2157531
e-Journals	206	-	10	-	216	-
Digital Database	2272	-	-	-	2272	-
CD & Video	289	-	-	-	289	-
Others (specify)	-	-	-	-	-	-

* This includes **1830** books received by donation.

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	769		1GBPS NKN Connectivity	05	04	09	13	-
Added	56	-	-	-	-	-	-	-
Total	825	18	1GBPS NKN Connectivity	05	04	09	13	-

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

- | |
|---|
| <p>(i) Computer/Laptop and internet acces provided for every teacher.</p> <p>(ii) A paper on Computer Application included in the syllabi of all the Department.</p> <p>(iii) Faculty of Management Studies, Faculty of Engineering & Technology and Department of Computer Science of the Vishwavidyalaya equipped with Wi-Fi facility available and internet speed upgraded.</p> <p>(iv) Computer Science Department purchased 32 software MS Windows 8 (OS), 8 Software MS Visual Studio 2012 and 5 software MS office 2013 (Pro Plus).</p> <p>(v) Networking facility available for students & research scholars.</p> |
|---|

4.6 Amount spent on maintenance in Lac ₹:

i) ICT	29.13
ii) Campus Infrastructure and facilities	63.62
iii) Equipments	36.88
iv) Other	19.65
Total:	149.28

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- IQAC sensitized departments and faculties for institutionalizing the quality assurance strategies and processes. They were asked to organize invited lecture & workshop to enhance skill development of students for better performance in interviews. They were also asked to invite companies for campus selection of students. There is a full-fledged "Corporate Affairs and Outreach Cell" for this purpose. The Professor-in charge of this cell is Prof. Pankaj Madan from Faculty Management of studies. There is an active Alumni Association which help through financial and non-financial means.
- Students are also made aware of the services in the meeting with IQAC.

5.2 Efforts made by the institution for tracking the progression

Students strength of the university is analysed academic year wise and program wise for ascertaining the trend. Program wise completion rate is accounted. For category wise the number of students who appeared and qualified different academic complete exams are recorded.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
3506	1445	136	159

(b) No. of students outside the state

3451

(c) No. of international students

05

Men

No	%
4406	84%

Women

No	%
840	16%

Last Year 2015-16						This Year 2016-17					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
2654	599	100	1667	20	5040	2815	613	90	1709	19	5246

Demand ratio

1:1:19

Dropout %

1-2

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

Department of Ancient Indian History Culture & Archaeology is planning to start such an activity for next summer.

No. of students beneficiaries

N.A.

5.5 No. of students qualified in these examinations

NET	25	SET/SLET	01	GATE	11	CAT	05
IAS/IPS etc	-	State PSC	01	UPSC		Others	03

5.6 Details of student counselling and career guidance

Sr. No.	Date	Department	Company Name	Name of Executives	Designation
1	20-08-2016	B.Sc.	GKV	Dr. Durgesh Tyagi	T & P Officer
2	30-08-2016	M.Sc. Chemistry	GKV	Dr. Durgesh Tyagi	T & P Officer
3	01-09-2016	B.Tech.-ME	GKV	Dr. Durgesh Tyagi	T & P Officer
4	01-09-2016	B.Tech.-ECE	GKV	Dr. Durgesh Tyagi	T & P Officer
5	02-09-2016	MBA	GKV	Dr. Durgesh Tyagi	T & P Officer
6	02-09-2016	MCA	GKV	Dr. Durgesh Tyagi	T & P Officer
7	02-09-2016	B.Tech.-CSE	GKV	Dr. Durgesh Tyagi	T & P Officer
8	23-09-2016	B.Tech.-EE	GKV	Dr. Durgesh Tyagi	T & P Officer
9	01-10-2016	B.Pharma.	GKV	Dr. Durgesh Tyagi	T & P Officer

No. of students benefitted

325

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
22	661	95	30

5.8 Details of gender sensitization programmes:

Sr. No.	Session	Number of Boys Selected	Number of Girls Selected
1	2016-17	109	16

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 (Lac)
Financial support from institution (Earn While Learn Scheme)	04	1.08
Financial support from government (Samaj Kalyan)	82	23.33
Financial support from other sources (Dr. Tulsi Ram Rambai Scholarship Trust)	20	1.52
Number of students who received International/ National recognitions	-	-

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

The Gurukula is an educational institution founded with the avowed vision of reviving the Indian indigenous system of education incorporating all that is best and assailable in occidental thought in order to produce good citizens, possessing a culture compound of the loftiest elements of the two civilizations.

- to create a synthesis of Indian Intellectual tradition with the best of the modern education of Science & Technology, Management and such other programmes,
- Inculcate national spirit and respect for Indian culture among the students,
- to focuss on personality of the students to be developed by value based education,
- to enrich and empower all the beneficiaries through participative, positive, harmonious teaching learning environment,
- to develop inter-linkages across teaching, research and extension,
- to make students employable by imparting holistic education and developing skills.

6.2 Does the Institution has a management Information System

1. Yes, Gurukula Kangri Vishwavidyalaya has management information system.

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

6.3.1 Curriculum Development

- **CBCS pattern introduced in all courses with effect from 2015-2016 session.**
- Curriculum is updated every three years or earlier as per industry requirements in the Board of Studies.
- Board of Studies consists experts two from other Universities, beside internal members

6.3.2 Teaching and Learning

- ICT based Teaching
- Seminars, Guest Lectures, Case Studies
- Remedial Classes for the weaker section of students
- Field activity is encouraged so that students are exposed maximally and learn better with a practical understanding

6.3.3 Examination and Evaluation

- Two sessional examinations per semester are held and sessional progress is also evaluated based on the assignments and attendance.
- In end semester examinations 50% paper setters are from the other institutions.
- Photocopies of evaluated answer books are provided to students on demand.
- Re-evaluation facility available.

6.3.4 Research and Development

- Registration in Ph.D. programme is according to the UGC regulations 2009.
- Interdisciplinary areas are explored by faculty innovative approach.
- The Vishwavidyalaya has also signed MoUs with industry, National Research Organizations and National/International universities for promotion of research activities.

- Some departments are encased in consultancy works also.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Library automation is done with five computers and a printer for journal access
- Internet access is available with band with speed 1 GBPS.

6.3.6 Human Resource Management

Performance Based Appraisal System (PBAS) and Career Advancement Scheme (CAS) are already introduced as per the guidelines of the UGC.

6.3.7 Faculty and Staff recruitment

The Vishwavidyalaya has laid down norms for the recruitment of teaching and non teaching staff as per the selection committee constituted Vishwavidyalaya bye-laws and UGC guidelines. The vacancies are determined in accordance with the work load as prescribed by various governing authorities like AICTE, NCTE, PCI and UGC Faculty/staff recruitment is made as per the UGC/AICTE/NCTE/PCI rules and regulation.

6.3.8 Industry Interaction / Collaboration

From time to time, experts from the industry are invited for interaction. Areas of collaboration are sorted out and research and teaching plans are made accordingly.

6.3.9 Admission of Students

- Admission of students to different courses is as per the prescribed norms of UGC, AICTE, NCTE, PCI etc. Admissions to the B. Pharm., B. P. Ed. & PG courses in Science in Research are on the basis of entrance examination conducted at various centres. Admission to all UG programmes is made on merit basis of marks of qualifying examinations.
- Admission to B. Tech. is made on the basis of A.I.E.E.E. score and to MBA is on the basis of CAT/MAT/CMAT.
- A Coordinator for UG and PG admission is appointed every year to coordinate the admissions.

6.4 Welfare schemes for

Teaching	Medical reimbursement, House Loan, Vehicle loan facilities. CPF, GPF + Pension and NPS Schemes after superannuation.
Non teaching	Medical Reimbursement, House Loan, Vehicle loan facilities. CPF, GPF + Pension and NPS Schemes after superannuation.
Students	<ul style="list-style-type: none"> • Poor boys fund, Merit cum means Scholarship sponsored by Pvt. agencies. • In addition there are Scholarships from the State Govt. for SC/ST and OBC students. • For Students of Vedic Studies each year a Scholarship is by the department of Veda given from the interest accumulated from the principal sum of ₹ 15,00,000/- of Dr. Tulsi Ram Rambai Scholarship Trust.

6.5 Total corpus fund generated

109.58

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	✓	No	
Administrative	No		No	

6.8 Does the University/ Autonomous College declares 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?

CBCS adopted from this year in all courses Results of all examinations are also made available on the website of the Vishwavidyalaya: www.gkv.ac.in

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

Not Applicable

6.11 Activities and support from the Alumni Association

Through financial and non-financial means

6.12 Activities and support from the Parent – Teacher Association

Parent-teacher meeting was organised by PTA, GKV on Saturday, 08 November 2016 with a view to enriching the student's educational experiences and discuss variety of issues, regarding all round development of students.

- Felicitation of merit students of all courses was resolved.
- Resolution for raising fund was agreed upon.
- Communication of information about various student oriented activities and schemes run by GKV and UGC.

6.13 Development programmes for support staff

Computer Training programmes were planned to be conducted.

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

The buildings in the campus have been constructed to ensure adequate normal lighting and ventilation to reduce the energy requirement up to minimum. Fourteen solar lamps have been installed at different crucial places of Vishwavidyalaya. One Solar water heater installed in VC-residence. LEDs are being used in place of bulbs, CFLs and tube lights in 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.

- An “Encyclopedia of the *Mahabharata*” is being prepared by the Department of English.
- Centre for Canadian Studies in the Dept of English is actively engaged in Canadian Literature programme both at PG and Research levels.
- The Department of English is applying Indian literary theories to study western literature.
- Indian literary theories are also used as translation theories
- Promoting *Rhizobacterial* strains are not only enhancing the growth of agriculture crops by providing organic manure but also protecting the crop from the plant pathogens and acting as bio-control.
- Bioformulations with a multispecies consortium for growth promotion of certain crops.
- Relationship of microbial contaminants of the raw drug material and finish herbal drugs with drug efficacy in order to find out the solution for minimizing the contaminants and to maintain the drug efficacy for longer period of quality control.
- Eco-friendly and Cost-effective techniques for Water purification/Sewage treatment development.
- Slow sand filtration’ of UASB reactor effluent technique as a promising post treatment method.
- The hydrological/ecological modelling techniques are being developed for technological advancement in computations and scientific developments to study systems in an integrated manner.
- The avian biodiversity and bioacoustic laboratory is engaged in the formulation of Phonotaxis/Playback experiments to contribute to biological studies and training/educational purposes in the field of animal communication.
- Research is being done to utilise the kinetic-mechanistic studies for developing newer, simpler and cost effective methods (for microgram/nanogram determination of metals like Mn, Ni etc and aromatic amines) employing low cost equipments like spectrophotometer that are available at smaller centres of researches/ laboratories in developing countries like India.
- Medicinal plants are isolated and characterized for active principles that are expected to be good antimicrobial agents and can be employed for treatment of various bacterial/ fungal infections.
- Macrocyclic compounds are being developed with an aim to develop new extractants for various metals from the point of view of the clean and healthy environment.
- The research on biological effects of atmospheric radiations including that from mobile phone communication, TV and radio is being done.
- Metal oxide nano structures are being characterized and developed for optoelectronic applications as well as for possibility of new electronic devices based on these novel materials.
- Amorphous Chalcogenides for Optical memory devices and further development of new materials for optical memories used in super-fast computing systems is also being carried out.
- The development of highly sensitive humidity and gas sensing devices, using metal oxidises, nanocomposits and ferromagnetic materials.
- TheSynthesis and characterization of II-IV Quantum dots is being carried out to investigate the nanostructural properties of these materials.
- The notion of geodesic focusing/defocusing is being studied in diverse contexts (i.e. in the background of the flat, curved and blackhole spacetimes).

- Developing small sized Metamaterial Antennasto illuminate the cancer affected skin and Optimized FDTD based computer program as an image processing tool.
- Bacterial foraging algorithm (BFA) hybridized with artificial neural network has been used for optimization of FDTD EM simulation program. A new optimization tool, Quadratic optimized FDTD program has been developed.
- The use of BFA optimized neuro FDTD and metamaterial antennas appears to have a promising future in early detection of skin cancer and enhanced patient comfort.

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

1. An autoriated feedback system from students about teachers to be implemented from next academic session.
2. Administrative and Academic audit are also in the pipeline.

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

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

Practice – I

1. Title of the Practice

Value based Inter-disciplinary Courses

2. Objectives of the Practice

Today the education system is defined in a highly commercialised technological sense, for being impregnated with target oriented attitude, for having mercenary approach in life and for focussing on epicurean philosophy. As a result society which was an institution, has crumbled down. Hence, now there is a demand of value education to strengthen the bond of society, to establish an interpersonal relationship, and to meet the global challenges. Undoubtedly the value education has become indispensable in the modern context where we are living like blind, melancholic individuals reposing our faith in fundamentalism, where there is no respect for fellow beings, no reverence for nature and no place for values. In this complex background, there is an urgent need to impart value education to the youth in the proper perspective especially based on the deep rooted Indian Vedic Value education system so that they are not misled. it is in this perspective that the Vishwavidyalaya has introduced the courses like Indian Aesthetics, Indian Knowledge Traditions, Vedic Maths, Vedic Management, Vedic Physics, performance of Daily Yajana that helps make you a better person socially, emotionally, psychologically, physically to face the global challenges.

3. The context

Indian tradition of imparting knowledge is known as Indian Knowledge Tradition which includes subjects like Indian Drama, Indian Music, Indian Aesthetics, Indian Literature, Indian History, Indian Philosophy, Vedic Maths, Vedic Management, Vedic Physics, Vedic Astronomy etc. At the spell of Western education in the country when these courses were thrown as redundant, the Vishwavidyalaya was established to bring India Renaissance. All these are value based courses to meet the global challenges .

4. The Practice

- (i) In most of the Departments of modern science and engineering, a course based on Vedic knowledge in tune with the concerned subject is being taught. For example Vedic Physics in the Department of Physics, Vedic Mathematics in the Department of Mathematics, Vedic Chemistry in the Department of Chemistry, and Vedic Engineering in the Faculty of Engineering, such course are taught. These courses are taught in their basic forms, yet are very informative to the students to feel them proud that the knowledge in conceptual form concerning the above subjects existed in our

Vedic Literature.

- (ii) Courses on Dharma, Darshan and Sanskriti (Religion, Philosophy and Culture) Bhartiya Jnan Parampara are to all the UG students. The contents of the course include Human values, Indian Philosophy and Indian Culture based upon our ancient Vedic and Sanskriti literature. It helps the student become responsible citizen of the country

5. Evidence of Success

Students from all over the country take admission in the Vishwavidyalaya with varying behavioural aspects. Initially they feel uncomfortable with the courses which are impregnated with Vedic values but within a due course of time they realise their importance and their attitude to life becomes different. Now their approach becomes mercenary and starts reposing their faith in Indian social traditions and practices. After their studies when they join different institutions and organizations they are accepted as better professionals and human beings.

6. Problems Encountered

When we thought of framing the syllabi of the Vedic content based courses of different disciplines, the basic challenge was to filter out Vedic literature based on the particular program and compiling that material in the form of the units of the syllabi of that program. But with the help of the Vedic scholars and Modern Scientists and Engineers we were able to overcome the difficulty.

7. Notes

The above practice is universal and may be adopted by any institution with no requirements of much infrastructure and resources.

Practice – II

1. Title of the Practice

Performing Daily Yajna

2. Objectives of the Practice

Today the society has crumbled down due to a highly commercialized technological attitude to life. We have forgotten the message of *lokasangrah* (Welfare of society) and the message of *idam namam* (non attachment). Hence, now there is a need of values to strengthen the bond of society, to establish an interpersonal relationship. We are socially, emotionally, psychologically, physically sick. In this complex background, there is an urgent need to practice a system which can sensitize our young generation to Society, Nature and Culture. It is in this perspective that the Vishwavidyalaya performs a daily Yajna that helps make a young student a better person socially, emotionally, psychologically, physically to face the global challenges.

3. The context

In spite of the fact that the whole globe has environmental problems, the young generation is insensitive to environmental governance. In Indian tradition, Yajna is a device to sensitize the young generation to Environmental matrix. The Vishwavidyalaya is practising daily “Yajna” since its inception. The challenge initially faced, was to inspire the students and the staff to join “Yajna” as the students and staff were from different backgrounds. But once they joined they came to know the advantages and the peace of mind which they achieved after performing “Yajna”.

4. Practising Yajna

Vedic Philosophy emphasized most on the protection of environment. Rigveda mentions that whatever we take from the environment we should compensate by paying back in some form. So practising “Yajna” has two fold benefits- one inculcating Vedic values among the students and the other compensating the environment to strengthen its properties beneficial for the health of all living beings.

5. Evidence of Success

Students from all over the country take admission in the Vishwavidyalaya with varying behavioural aspects. Significant behavioural changes have been observed among the students. They changed positively with having better regards for social and national patriotic values. Special Yajna, performed to cure tuberculosis, and for antimicrobial effects have established that microbes, responsible for tuberculosis decrease in the vicinity where Yajna is performed. Also level of fungi in experimental area found decreasing. This demonstrates that performing Yajna cures diseases also.

6. Problems Encountered

While conducting Yajna for specific purposes, making choice of “Samidhas” was a challenge for which Vedic literature was consulted and “Samidhas” of specific categories were chosen. Required proper infrastructure was also a problem.

7. Notes

The above practice is universal and may be adopted by any institution with no requirements of much infrastructure and resources.

7.4 Contribution to environmental awareness / protection

Campus is green and has valuable trees. NSS units are undertaking the activities such as tree plantation, maintenance and improving the greener environment. There is a separate horticulture section in administrative office to maintain cleanliness as well as greenery.

7.5 Whether environmental audit was conducted? Yes No

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

8. Plans of institution for next year

The Vishwavidyalaya intends to focus mainly on the introduction to the following courses in various departments:

- (i) The course of M.P. Ed. to be started after receiving the NOC from UGC.
- (ii) B.Sc. for girls proposed under 11th Plan and approved by the Academic Council of Vishwavidyalaya is to be started at KGC, Haridwar.
- (iii) B.Sc. (honours) Bio medical science is to be started in the department of Pharmaceutical Sciences from the next session.
- (iv) Two new courses namely M. Pharm. Pharmaceutics, Pharmaceutical Chemistry, Pharmaceutical Analysis, Pharmacology), M.Sc.(Pharmaceutical Chemistry, Pharmaceutical Analysis), M. Tech. in various disciplines (viz. Electronics, Computer, Electrical and Mechanical Engineering) are in the pipeline.
- (v) One year PG diploma course in Disaster Management is proposed by the Department of Zoology & Environmental Science and the proposal for the same purpose is in the pipeline.

- (vi) Academic Council has approved a new PG Course in Zoology as per the proposal made by the Department of Zoology & Environmental Science which is in the pipeline.
- (vii) The effective measures are to be adopted for filling up the vacant positions in all departments.
- (viii) Motivation of young faculty members for submitting the research projects to get to from various funding agencies such as DST, UGC, DDT, CSIR etc.
- (ix) Engagement of faculty members in consultancy work to be enhanced.



Name **Prof. Shrawan K. Sharma**
Signature of the Director, IQAC



Name **Prof. Vinod Kumar**
Signature of the Chairperson, IQAC
