

**DOLPHIN (PG) INSTITUTE OF BIOMEDICAL & NATURAL SCIENCES,
DEHRA DUN 248 007**

Annual Quality Assurance Report (AQAR) of the IQAC

(Year of Report: 2016-17)

Submitted to



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

Part – A

1. Details of the Institution

1.1 Name of the Institution

Dolphin (PG) Institute of Biomedical and Natural Sciences

1.2 Address Line 1

Manduwala, near Suddhowala

Address Line 2

Chakrata Road, P.O. Manduwala

City/Town

Dehra Dun

State

Uttarakhand

Pin Code

248 007

Institution e-mail address

mail@dolphininstitute.in

Contact Nos.

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Name of the Head of the Institution:

Dr. Shailja Pant

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0135-2694547

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Name of the IQAC Coordinator:

Dr. Shruti Sharma

Mobile:

09568004557

IQAC e-mail address:

coordinatoriqac@dolphininstitute.in

1.3 NAAC Track ID (For ex. MHCOGN 18879): **10412**

NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143, DATED 3-5-204.

This EC no. is available in the right corner-bottom

Of your Institution's Accreditation Certificate)

EC/56/A&A/018; dated 16/09/2011

1.4 Website address:

www.dolphininstitute.in

Web-link of the AQAR:

<http://dolphininstitute.in/hpanel/iqac/aqar2016-17.pdf>

For ex. <http://www.ladykeanecollege.edu.in/AQAR201213.doc>

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.81	2011	5 years
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

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

09/05/2011

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

2016-17

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. AQAR (2011-12) submitted on-line to NAAC on (29/09/2012)
- ii. AQAR (2012-13) submitted on-line to NAAC on (30/09/2013)
- iii. AQAR (2013-14) submitted on-line to NAAC on (24/09/2014)
- iv. AQAR (2014-15) submitted on-line to NAAC on (01/10/2015)
- v. AQAR (2015-16) submitted on-line to NAAC on (29/09/2016)
- vi. AQAR (2016-17) submitted on line to NAAC on (15/12/2017)

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 (eg. AICTE, BCI, MCI, PCI, NCI)	Yes	N/A			No	----		
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)	Paramedical Sciences								

1.11 Name of the Affiliating University (for the Colleges)

HNB Garhwal Central University, Srinagar-Garhwal (U.K.) (Annexure 1).

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

Autonomy by State/Central Govt. / University

-

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

07

2.2 No. of Administrative/Technical staff

02

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

02

2.7 No. of Employers/ Industrialists

02

2.8 No. of other External Experts

02

2.9 Total No. of members

24

2.10 No. of IQAC meetings held

04

2.11 No. of meetings with various stakeholders:

No.

11

Faculty

05

Non-Teaching Staff /Students

04

Alumni

01

Representative from Industry

01

2.12 Has IQAC received any funding from UGC during the year?

Yes

x

No

✓

If yes, mention the amount

Nil

2.13 Seminars and Conferences (only quality related)

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

Total Nos.	14	International	01	National	Nil	State	07	Institution Level	06
------------	----	---------------	----	----------	-----	-------	----	-------------------	----

(ii) Themes

1. Two days International conference on “Forestry and Tourism: The Future mantra for Sustainability” jointly organised by DIBNS and Garden City University, Bangalore on 21st & 22nd march 2017. The main theme was interaction, integration and interrelated and interdependent development of forestry and tourism through cross cutting issues in north and south India.
2. Hands-on-training on ELISA techniques was conducted on 21/12/2016 for 50 students of Govt. PG College, Rishikesh to expose them to the ELISA techniques.
3. Seminar on modern trends in applied plant biology was held on 03/12/2016. More than 200 participants from different colleges of Uttarakhand participated.
4. Workshop on integrated manual therapy on 12th-13th December was attended by 50 participants.
5. CME on Dry Needling on 25th & 26th January 2017. 57 participants various Physiotherapy institutes in Dehra Dun participated.
6. Seminar on Forestry and “Allied Sciences Specific Popular Topics (FAST-2017) on 17th & 18th February 2017.
7. Workshop-cum-HOT on Molecular docking, virtual screening and computational biology from 10th to 12th January 2017.
8. Workshop-cum-HOT on ‘Research methodology’ was held on 9th & 10th February 2017 in collaboration with State Nursing College, Dehra Dun.
9. Workshop on Social Entrepreneurship was held on 29/05/2017.
10. Seminar on Water Resource Development in hilly areas on 02/05/2017.
11. One day seminar for sensitization of hostel staff including wardens towards the handling of student’s day to problems.
12. One day seminar for new faculty to groom them for their role as mentors to the newly admitted students. Faculty were also sensitized to be patient and considerate in dealing with day to day problems of the students, specially the fresher’s.
13. Conducted two one day Faculty and staff development programme.
14. Two one day seminar were conducted to appraise the faculty and staff about the new NAAC guidelines regarding the accreditation w.e.f. July 2017.

2.14 Significant activities and contributions made by IQAC:

The IQAC plays an active role in internalizing a culture of quality within the institution. This culture is maintained and sustained by several initiatives taken by the Cell throughout the year.

Regular meetings were held with faculty and staff of the college in connection with the compilation of data and its arrangement in such a manner as required by NAAC in connection with the preparation of the SSR of the college for 2nd cycle of accreditation of the college in the year 2017-18 as per new guidelines.

IQAC took initiative in organizing health camps, Physiotherapy camps, and blood donation camps, etc. in the neighboring villages and Gram Panchyats as well as in various events organised by State Police Department and National dailies in connection with social cause.

Sensitizing students to the social evils like drinking, drug abuse, etc were adopted by IQAC quite vigorously as a result of which an anti drug campaign was launched in the college Collaboration with Police Department. The College also brought out a table calendar for the year 2017 based on the posters prepared by students on the theme “ Say NO TO DRUGS’.

Creating awareness among students to ecological and environmental issues through Celebrations of Environment, Biodiversity, Forestry and Wetlands Day, and Wildlife week, etc.

The IQAC also took keen initiative for honoring the outstanding faculty in various academic and research fields and also the dedicated staff.

Invited talks arranged on contemporary topics.

Encouraged the faculty members to pursue research in their respective field of study and publish their research in reputed journals.

IQAC took initiative to introduce the biometric attendance for faculty and staff and also introduce in selected class rooms.

IQAC also ensured the installation of CCTV in a number of class rooms.

IQAC meeting held on regular basis with members of the various committees as the part of Academic Review activity.

Capacity building programme are regularly organized for both teaching and non-teaching staff.

2.15 Plan of Action by IQAC/Outcome.

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

Plan of Action	Achievements
A. Enhancing skill development of the students and faculty. 1. Department of Biochemistry organised one day H-o-T on ELISA Techniques 2. Department of Biotechnology along with Uttarakhand Council of Biotechnology and Scroedinger Inc. conducted 03 days H-o-T on Molecular Docking, virtual screening and computational biology. 3. Continuous medical Education Programme (CME) i. Two days workshop on Integrated manual therapy was conducted by Department of Physiotherapy. ii. Two days workshop on Dry Needling was conducted by Department of Physiotherapy	A total of 50 students from Govt. College Rishikesh participated. Twenty students and faculty participated in the training. 50 students participated in the workshop. 57 students participated in the workshop.
B. Enhancing Research Activities i. To publish research papers, books and conference proceedings of the teachers belonging to various disciplines. ii. To provide financial incentives to the faculty for publishing quality research papers and books. iii. To encourage faculty to impart short/ long term trainings to the students from other institutes by providing them financial incentives in sharing the 50% of the fee charged.	Faculty belonging to various disciplines published compilation of research articles, chapters in books, joint training manual for H-o-T; e-books and text during the current academic session. i. The management regularly disburse financial incentives for the quality publications by the faculty. ii. One faculty is awarded the prize for publishing most outstanding research papers on teacher's day. An amount of Rs. 24000.00 was disbursed to the faculty during 2016-17 for training, etc. to students from outside institutions.
Increasing the role of faculty in advisory capacity outside the premises of the institute.	Many faculty of the Institute are acting as resource persons in various capacities both in Govt. Research Institutions, Universities and other organisations.
C. Academic Review activity	Meeting of the Management council of the College is held regularly on monthly basis to review academic performance of various departments.
Implementation of ERP	Implementation of the ERP has been completed in the college during the current academic year (2016-17).

	Biometric attendance has been introduced in many class rooms.
Additional Class rooms and laboratories	Six classrooms and three labs
Provision of PAS in class rooms	A number of class rooms have been provided with the PAS to facilitate better sound reproduction during lectures.
D. Co-curricular activities: Encourage the students to participate in various sports/ cultural activities outside campus.	i. students participated in foot ball tournament in DIT University. ii. Students from Dolphin Institute won the dance, song and band competition in DBIT annual function 2017. iii. Students from the Institute were runners-up in Skit & Drama competition on the occasion of World environment day function hosted by FRI, Dehra Dun.
Bharat Scouts and Guides International Meet	Four Scout rangers namely, Ms. Pooja Gupta, B.P.T.1st Year; Shreya Semwal, B.Sc. BT 1st year, Anjali Singh, BPT 2 nd year and Deeksha, B. Sc. M.M. 1st year participated in Bharat scouts & Guides international event at Pune from 16 th to 22 nd October 2016.
Alumni Association	1. The Alumni association conducted its annual meet on 27 th February 2017. 2. More than 100 alumni attended the annual meet and shared their experiences with the current students.

* Attach the Academic Calendar of the year as Annexure (Attached cf. Annexure-2).

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 suggestions recommended in the future plans of the previous AQAR 2015 – 2016 were implemented over this academic year, such as:

- Adoption of extensive field oriented curriculum in Forestry, Agriculture and Horticulture departments.
- Implementation of additional social activities through Scouts and Guides and YRC units.
- Introduction of empowering local girls/ housewives by imparting skill development training in cutting and stitching clothes, crafts work, beautician's course and computer literacy.
- Construction of an additional larger multipurpose auditorium.
- Planning and survey for installation of the Solar plant for the campus.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
Ph.D.	03	----	03	--
PG	10	01 (M.Com.)	11	--
UG	04	01 (B.Com)	05	---
PG Diploma	00	---	----	----
Advanced Diploma	00	--	----	---
Diploma	00	--	----	---
Certificate	00	---	---	----
Others: Paramedical Sciences:				
PG	02	---	02	
UG	03	--	03	
Total	22	02	24	---

Interdisciplinary	19	---	---	---
Innovative	00	---	---	01

1.2 (i) Flexibility of the Curriculum: 1. CBCS for UG courses (implemented)

2. Core/Elective option for PG courses (implemented)

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	17
Trimester	00
Annual	04

1.3 Feedback from stakeholders*

Alumni



Parents



Employers



Students



(On all aspects)

Mode of feedback :

Online



Manual



Co-operating schools (for PEI)



**Please provide an analysis of the feedback in the Annexure (Attached cf. Annexure).*

Annexure – 3& 4

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

Nil

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

The department of Commerce has been added in the college w.e.f. 2016-17, comprising two courses. namely B.Com. (Six semesters) and M. Com. (Four semesters).

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of Permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
94	63	26	04	01

2.2 No. of permanent faculty with Ph.D.

48

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
15	12	01	00	00	01	00	00	16	13

2.4 No. of Guest/ visiting faculty and Temporary faculty

23

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Conferences	05	14	07
Presented papers	05	05	00
Resource persons in Conferences	00	00	02
Resource persons in Hands-on-training	00	00	02

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

- * Establishing the session plan for every subject well before the commencement of each semester along with the course hand outs which are made available to all students on the start of the academic year.
- * Preparation of teacher's diary with complete details of the weekly teaching plan and day to day progress of syllabi.
- * Preparation of study material in the form of lecture notes, manuals for practical's and question banks for all courses.
- * Educational tours for the students to Industries and Research Institutes to apprise them about the application of technology they study in class rooms.
- * Conducting a series of H-o-T , workshops and CMEs for the students from various departments.
- * Arranging a series of guest lectures by eminent academicians and scientists for almost all courses.
- * Use of ICT in teaching learning process, both in the class rooms and labs, introduction of ERP system.
- * Teacher's study materials [soft copy-power point/PDF presentation] are shared with students.
- * Teaching faculty and students are encouraged to use latest technology such as LCD, internet, etc., for the teaching and learning process. Over head LCD have been provided in class rooms.
- * Faculty members are provided with DESKTOPS with internet connectivity to support the ICT.
- * Introduction of NLIST-INFLIBNET facility for all faculty as well as students.
- * Implementation of ERP for day to day working in the college.
- * Enhancement in ICT learning by continuing with on line NPTEL program and add on courses.

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

239

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

- Examination and evaluation conducted as per University norms.
- However, for evaluation in internal marks allotted to the College different methods of assessing the students are adopted, i.e., class tests, seminars, assignments, projects, etc.

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

-	-	-
---	---	---

2.10 Average percentage of attendance of students

83.00

2.11 Course/Programme wise distribution of pass percentage:

University result at a Glance: Session 2016-2017 (U.G.) (Final Year)

S · N o	Class	Enrol led Stu dents		Passed with distinction				Pass with 1 st Div.			Pass with 2 nd Div.				Pass with 3 rd Div.				Fail				
		M	F	M	% ag e	F	% ag e	M	% ag e	F	% ag e	M	% ag e	F	% ag e	M	% a g e	F	% a g e	M	% ag e	F	% ag e
1.	B.Sc. Biotechn ology	1 3	2 9	-	-	-	-	0 2	15. 39	1 6	55. 17	1 0	76. 92	1 2	41. 38	-	-	-	-	1	7. 69	1	3. 45
2.	B.Sc. MLT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.	B.Sc. Medical Microbi ology	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4.	B.P.T.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.	B.Sc. Forestry	4 6	3 2	3	6.5 2	4	12. 50	3 2	69. 57	2 7	84. 38	1 1	23. 91	1	3.1 2	-	-	-	-	-	-	-	-
6.	B.Sc. Agricul ture	3 7	2 1	7	18. 92	6	28. 57	3 0	81. 08	1 5	71. 43	-	-	-	-	-	-	-	-	-	-	-	

University Result as a Glance: Session 2016-2017 (P.G.) (Final Year) (Semester System)

S . N o	Class	Enro lled Stud ents		Out Standing 10.00 - 9.00				Excellent 9.00 - 8.00				Very Good 8.00 - 7.00				Good 7.00 - 6.00				Above Average 6.00 - 5.00				Average 5.00 - 4.00				
		M	F	M	%	F	%	M	%	F	%	M	%	F	%	M	%	F	%	M	%	F	%	M	%	F	%	
1	M Sc. Micro biolog y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
2	M.Sc. Bioche mistry	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3	M.Sc. Biotec hnolog y	8	9	-	-	-	-	1	12 .5 0	-	-	2	25 .0 0	5	55 .5 6	4	50 .0 0	4	44 .4 4	1	12 .5 0	-	-	-	-	-	-	-
4	M.Sc. Botan y	1 6	2 3	-	-	-	-	1	6. 25	3	13 .0 4	1 5	93 .7 5	2	86 .9 6	-	-	-	-	-	-	-	-	-	-	-	-	
5	M.Sc. Chemi stry	1 2	1 7	-	-	-	-	-	-	1	5. 88	7	58 .3 3	1 2	70 .5 9	5	41 .6 7	4	23 .5 3	-	-	-	-	-	-	-	-	
6	M.Sc. Pharm a Chemi stry	6	4	-	-	-	-	2	33 .3 3	-	-	4	66 .6 7	3	75 .0 0	-	-	1	25 .0 0	-	-	-	-	-	-	-	-	
7	M.Sc. Zoolo gy	1 4	2 5	-	-	-	-	1	7. 14	7	28 .0 0	1 2	85 .7 2	1 8	72 .0 0	1	7. 14	-	-	-	-	-	-	-	-	-	-	
8	M.Sc. Forestr y	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
9	M.Sc. Physic s	8	3	-	-	-	-	1	12 .5 0	-	-	5	62 .5 0	1	33 .3 3	2	25 .0 0	2	66 .6 0	-	-	-	-	-	-	-	-	
10	M.Sc. MLT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		

Session 2016-2017 (P.G.) (Annual System)

S. No	Class	Enrolled Students		Passed with distinction				Pass with 1 st Div.				Pass with 2 nd Div.				Fail			
		M	F	M	% age	F	% age	M	% age	F	% age	M	% age	F	% age	M	% age	F	% age
1.	M.P.T.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

- The IQAC plays a pivotal role in working as a bridge between students, faculty and the management in evaluating the teaching and learning processes.
- The IQAC periodically conducts sessions to explore avenues to enhance teacher's effectiveness through professional skill development training programme.

- The College encourages research, publications, paper presentations and participation in international/national/regional workshops, conferences and symposia. IQAC persuades the young and senior faculty to get involved in research activities.
- Senior faculty and administrative heads discuss future plans of the institution and prepare a road map for quality assurance and enhancement.
- The Academic head undertakes periodical review of testing and evaluation patterns encourages creativity, originality and analytical thinking.
- Extensive review of the functioning of the various units of the College is a part of quality enhancement/sustenance measures such as:
 - I. Periodical review of the teaching-learning process at the end of each semester.
 - II. Feedback from students on curriculum, teaching, learning and evaluation.

2.13 Initiatives undertaken towards faculty development:

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	----
UGC – Faculty Improvement Programme	----
HRD programmes	---
Orientation programmes	---
Faculty exchange programme	---
Staff training/ conference/ seminars conducted by the University	----
Staff training/ conference/ seminars conducted by other Institutions	26
Conference/ Workshop/ Seminars conducted by the Institution	14
Summer / Winter schools, Workshops, etc.	3
Others (preparing for conducting NPTEL video lectures and INFLIBNET data base on e-journals and books)	2

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	94	03	04	---
Technical Staff (including Lab/ Physiotherapy centers)	31	-	-	----

Criterion – III

3. Research, Consultancy and Extension

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

- Having a Research Advisory committee (RAC) which meets periodically to discuss current trends and issues in contemporary research.
- The above committee also functions as a Research Forum wherein the faculty members also present their research papers followed by discussions.
- The above committee also functions as a Research Forum wherein the faculty members also present their research papers followed by discussions.

By persuading the Management Council to create the concept of 'seed money' for financially sustaining the research project in its nascent stage so as to enable the faculty to prepare the research project after initial investigations.

- By inviting outstanding academicians and scientists for holding interactive sessions with young faculty to motivate them for undertaking active research programme.
- By sharing the information about the upcoming Conferences, Seminars, and Workshops etc. among the faculty.
- By encouraging the faculty to attend the research oriented Faculty Development Programme/ Workshops/ H-o-T.

3.2 Details regarding major projects:

	leted	ng	oned	itted
er				
y in Rs. Lakhs				

3.3 Details regarding minor projects:

	leted	ng	oned	itted
er	----	---	---	---
y in Rs. Lakhs	-----	----	-----	-----

3.4 Details on research publications

Category	International	National	Others
Peer Review Journals	34	--	----
Non-Peer Review Journals	---	01	----
e-Journals	25	10	----
Conference proceedings	---	02	02 (chapters in proceedings)

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 organizations.

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	24.02.14-23.02.17	DBT	2600008.00	675000.00
Minor Projects 1				
Interdisciplinary Projects	--	--	--	---
Industry sponsored	---	---	---	----
Projects sponsored by the University/ College	---	----	---	----
Students research projects (other than compulsory by the University)	-----	----	----	-----
Any other(Specify)	----	----	---	---
Total	01 project	01	2600008.00	675000.00

3.7 No. of books published: 07

(a) Pre-conference Proceedings : 04

i) With ISBN No.	00	ii) Without ISBN No.	00
------------------	----	----------------------	----

(b) Post-conference Proceedings: 01

i) With ISBN No.	01	ii) Without ISBN No.	01
------------------	----	----------------------	----

(c) Training Manual: 00

i) With ISBN No.	00	ii) Without ISBN No.	00
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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/
Seminars/H-o-T/ CME
organized by the Institution**

Level	International	National	State	University	College
Number	01	--	01	--	09
Sponsoring agencies	Garden City University, Bangalore	--	Uttarakhand Council for Biotechnology	--	Self

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	Controller General of Patents, Design & Trade Marks, New Delhi
	Granted	One. Patent application No.:127/DEL/2011 Dt. 19.01.2011 Patent No.: 284026 Title: "A Process for the Production and Antifungal Solution" Applicant: Urban Waste Management Laboratory.
International	Applied	Nil
	Granted	--
Commercialized	Applied	Nil
	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
03	-	03	-	-	-	-

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	01	SRF	00	Project Fellows	00	Any other	00
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3.21 No. of students Participated in NSS events:	University level	---	State level	---
	National level	100	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	17	NCC	0	NSS	02
Scouts & Guides	02	Youth Red Cross	03				

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

1. August, 21, 2016- Free Health/Physiotherapy camp was organised at Panchayati Bhawan, Suddhowala on the occasion of 70 years of India's Independence "JARA YAAD KARO KURBANI"

September, 3, 2016- Felicitated 81 toppers from 13 district of Uttarakhand with wrist watches, mementos and certificates and six economically weak meritorious girl students with of 8400/- each under the scheme Maa Mahamaya Devi Chatravriti Yojana run by the institute.

2. September, 6, 2016- Approximately 3000 saplings of 10 tree species were distributed at 8 points in Dehradun on the occasion of Van Mahotsava 2016.

3. September, 23-27, 2016- Physiotherapy assistance/treatment was provided by faculty and students Physiotherapy department in Dainik Jagran Cricket Premier League and Prizes were distributed to winners and extra ordinary players by Institute.

4. September, 24, 2016- Medical OPD camp was organised at Govt. Girls Intermediate College, Dehradun, 180 girl students were examined and treated.

October, 16-22, 2016- Four Scout Rangers from the Institute participated in Bharat Scouts and Guides International Event "Celebrate, Create and Change- 2" organised at Sangam World Centre, Pune (Maharashtra).

5. November, 5-6, 2016- Faculty and students from the Institute provided physiotherapy services to the participants in District Athletic Meet (2016- 2017) at RIMC, Dehradun.

6. November, 6, 2016- Faculty and students from the Institute organised cleanliness drive under 'Swacchha Bharat Abhiyan' on the occasion of "Uttarakhand UDAY".

7. November, 7, 2016- Free Health/Physiotherapy camp was organised in the Institute premises on the occasion of "Uttarakhand Uday".

8. November, 8, 2016- Faculty and students from the Institute distributed 150 saplings of different medicinal plants in the city on the occasion of "Uttarakhand Uday".

9. November, 9, 2016- The faculty and students from department of Physics organised one day field activity on the theme "Sharing- Concept of Physics with school students" at SVM Inter College, Manduwala.

November, 23, 2016- Dolphin Institute organised an awareness workshop on de-addiction by Neuropsychologist Dr. Sona Kaushal Gupta, Associate Professor of Doon Medical College.

10. November, 26, 2016- Health/Physiotherapy camp was organised by the institute at Panchayat Ghar, Badonwala Village, Sahaspur, Dehradun.

11. November, 28, 2016- Institute organised a voluntary blood donation camp at its premises in collaboration with Uttarakhand Voluntary Blood Donation Programme, AIDS Control Society of Uttarakhand, State Blood Collection Council of Uttarakhand and I. M. A. Blood Bank, Dehradun. On the occasion 134 Units of blood was collected. Students from YRC and NSS assisted in holding the blood donation camp.

November, 28, 2016- Shri Ranjeet Singh Verma, In charge, Red Cross Society, Uttarakhand delivered a lecture to the students of Youth Red Cross Society on the topic "Role of Red Cross Society" in the premises of the Institute.

12. December, 11, 2016- Uttarakhand Police organized a Half Marathon "Run against Corruption and Drugs" in Dehradun. Faculty of the Institute along with 25 physiotherapy students provided physiotherapy services to the participants at 5 points on the marathon route.

13. December, 18, 2016- Free Health/Physiotherapy camp was organised at Jagatpur, Tilwadi Village, Sahaspur, Dehradun.

14. December, 25, 2016- Free Health/Physiotherapy camp was organised at Doon Valley Public School, Dehradun.

15. February, 04, 2017- Career Manthan (Interaction of alumni with current students) was organized by Training & Placement Cell of the College.

16. February, 12, 2017- Free Health/Physiotherapy camp was organised at Panchayat Ghar, Naugaon Village, Sahaspur, Dehradun.

17. February, 26, 2017- Students of the Institute participated in “Walk Dehradun Walk” organised by Amar Ujala along with Max Healthcare Hospital, Dehradun.

18. March 4, 2017- The Uttarakhand Police launched Mission Sarvodaya, a campaign against drug menace and 50 Students from the Institute participated in the launch.

19. March, 17-26, 2017- Institute along with Punjab National Bank organized an awareness campaign on digital payments.

20. March, 26, 2017- Health/Physiotherapy camp was organised at Premnagar, Dehradun.

21. March 27, 2017- 50 students from Dolphin Students Welfare Committee participated in Hindu Nav Varsh Celebrations organized by Sajag Samaj Samiti at Dehradun.

22. July, 9, 2017- Institute felicitated 3 toppers each of High School and Intermediate from each of 13 districts (total 78) with wrist watches, mementos and certificates, and eight economically weak meritorious girl students with 8400/- each under the scheme Maa Mahamaya Devi Chatravriti Yojana run by the institute.

23. The College continued with its De-addiction programme “Nai Pahal”. Student of Dolphin Institute participated in a awareness campaign “ Say No to Drugs”, where in a poster competition was organised involving students from all departments. Of these 12 best posters on the above theme were selected. A **table calendar** on the above theme was printed for the year 2017. It was widely distributed among the students, visitors and the Govt. Departments to carry forward the message.

SSP Dehra Dun was invited to felicitate the poster prize winning students; she also educated the students on the ill effect of Drugs and other intoxicants.

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	4.5 acres (16888 sq. mt.) + Agri. farm land	New Block –C GF area 730.36, Sq Mts FF area 700.65 Sq Mts SF area 700.65 Sq Mts TF area 700.65 Sq Mts	Bank Loan & Own Margin	4.5 Acre 9 16880 Sq Mts) +Agri Farm Land
Class rooms	48	6	Rs 15128997.00	54
Laboratories	29	-		29
Seminar Halls	02	1		3
No. of important equipments purchased ($\geq$ 1-0 lakh) during the current year (2015-16)		I) Traction Unit Cervical & Lumber	38850.00.00	1
		ii)Seed Germinator	363113.00	1
		iii) Double Distillation Unit	111265.00	1
		iv) GM Counter	57372.00	1
		v) Wheel Chair	10805.00	1
		VI) Distillation Unit	419948.00	4
		vii) Microscope with MP Camera	47363.00	1.
		viii) Auto Clave	24500.00	1.
		ix) Tablet Friability app	14209.00	1
		x) Misc Lab Instruments	117800.00	8
Value of the equipment purchased during the year (Rs. in Lac)	1205225.00			
Others (furniture, office equipment, vehicle, etc)		1) EPBAX System 2))Furniture Fixtures, Chairs, Tables, Benches 3) Office Equipments (GPS System for Busses, Microphone, Speakers Voltage Stabilizers Transformers , CCTV Cameras,) 4) Vehicles (buses,	104370.00 882318.00 1383501.00 6427894.00	1

(2) Library:

1. Library is already computerized. Issue & collection through BAR Code system.
2. Whole campus is Wi-Fi.
3. Added Online Public Access Catalogue (OPAC).
4. Two dedicated nodes are being provided in the reading room for OPAC purposes, besides the facility being extended in the e-library nodes.
5. The Institute has introduced NLIST-INFLIBNET as additional e-library facility to its faculty and students.
6. Consequently the faculty and students get on-line access to more than 80000 books and about 4000 research journals from reputed publishers.
7. Unique digitized library id through ERP is in process.
8. e-book database access has been provided to every department.
10. Started planning a digitized repository in the central library.

		Cars 5) Computers	232800.00	2.
Value of the (furniture, office equipment, vehicles	9030883.00			

4.2 Computerization of administration and library.**(1) Administration:**

The following key features have been introduced in the day to day management and the overall administration in the Institute on installation of customized ERP system during 2015-16.

Student	Faculty	Admin	Library	Common features
i. Provision of online subject notes; question bank. ii. Student and parent panel iii. Performance monitoring system iv. e-assignment	i. Syllabus tracking system. iii. Timetable management system iv. Attendance tracker. v. Lecture plan. vi. Faculty panel. vii. Online leave management. viii. Lecture notes and question bank.	i. Inventory management system. ii. Transport management system. iii. Hostel and mess management system. iv. Online store requisition.	i. Library management system. ii. Web OPAC.	i. Syllabus tracker. ii. Circular/ notice management. iii. Examination management system. iv. leave management system. v. Biometric system for recording the daily attendance of faculty and staff.

4.3 Library Services (2016-17)

	Existing (2015-16)		Newly added (April 2016- march 2017)		Total	
	No.	Value	No.	Value in Rs.	No.	Value in Rs.
Text Books	19,415	Rs.7157807.47	2527	763795.00	21942	792160327.00
Reference Books	1014	Rs. 1714487.58	85	83750.00	1099	1798237.58
e-Books	182	-	-	-	-	-
Journals	49	Rs.156477.00	11	38768.00	60	195245.00
e-Journals	-	-	01	5000.00	01	5000.00
Digital Database	-	-	-	-	-	-
CD & Video	362	Rs. 9,682.00	42	-	404	9682.00
Others (Project reports)	1720		384	-	2104	-
Total				891313.00		

4.4 Technologies up gradation:

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

1. Faculty was provided training on ERP programme for its effective application.
2. Faculty was trained on using Open Source Software.
3. Faculty was also given a live demonstration of accessing the on line INFLIBNET data base. A unique email id was created for individual faculty in the college for this purpose.

	Total Computers	Computer Labs	Internet	Browsing Centers	Computer Centers	Office	Departments	Others
Existing	150	01	Yes with Wi-Fi.	01	02	01	All	ERP e-library
Added	13	nil	Band width increased to 07 mbps.	02 OPAC nodes	The computer lab has been modernised	Nil.	ERP Installed	INFLIBNET NPTEL
Total	163	01	07 mbps internet leased line	01+02	02	01	All	As above

4.6 Amount spent on maintenance in lac:

i) ICT	468005.00
ii) Campus Infrastructure and facilities	3052529.00
iii) Equipments	410354.00
iv) Others	4375607.00
Total:	8306495.00

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services.

- ❖ Through the CR's who update the IQAC about the teaching schedule followed during the day, and also the day to day problems about the teaching or any such issues which affects the teaching in their respective classes.
- ❖ The IQAC ensures immediate corrective measures to rectify the situation.
- ❖ IQAC also monitor and implements the changes through the monthly consultative committee meetings.
- ❖ It is also undertaken through internal mails, memos, circulars and notices by the coordinator IQAC.

- ❖ Through monthly consultative committee meetings between the Management, Principal, IQAC coordinator and the faculty, where in the following aspects of the student progression are monitored.
 - i. Teacher's diary
 - ii. Monthly progress reports
 - iii. Feedback from individual students of every class.
 - iv. To coordinate, moderate and compilation of the different stores requirement of the individual departments and take up the necessary steps for their sanctions by competent authority.
 - v. Coordination of various faculty meetings and their proceedings and monitoring of the implementation of the decisions taken.

5.3 (a) Total Number of students (2016-17)

UG	PG	Ph. D.	Others
1637	519		

(b) No. of students outside the state

1621

(c) No. of international students (Nepal & Bhutan)

194

Men

No	%
1219	56.53

Women

No	%
937	43.46

Category wise distribution of the students.

Last Year (2015-16)						This Year (2016-17)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
938	55	687	211	Nil	1891	1014	65	853	224	Nil	2156

Demand ratio: 3:2

Dropout %: 0.009

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

1. A batch of 27 students was provided coaching for NET exam by the faculty of Departments of Chemistry and Pathology.

No. of students beneficiaries

27

5.5 No. of students qualified in these examinations.

NET	--	SET/SLET	--	GATE		CAT	--
IAS/IPS etc	--	State PSC	---	UPSC	---	Others	---

5.6 Details of student counseling and career guidance (01/01/2015 to 31/12/2015).

The **Student Counselling Centre** extends counselling assistance to students regularly either in house or by arranging expert lectures from outside experts or arranging onsite training in the form of Industrial visits to various industries, etc.

The Training & Placement Cell (TPC) provides comprehensive services in the area of training, options regarding higher studies, internships and full-time placements for both undergraduate students and post-graduate students.

Training & Placement cell organized **07guest lecturers** from the experts from Industry under the 'Industry job orientation training programme' covering various aspects for the PDP for the students. Around 80 students were benefitted from these lectures.

As many as 07 industrial trainings were organised for about 31 students during the year.

Two industrial visits were organised for 51 students.

Dolphin Alumni holding senior positions in various Industries were invited as guest speakers to share their experiences with the current students during Annual Alumni meet-2016.

No. of students benefitted

258

5.7 Details of campus placement (1st January 2015 - 31st December 2015).

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations visited	Number of students participated	Number of students placed	Number of students placed
40 (11 in campus, 29 off campus)	64	27	16

5.8 Details of gender sensitization programmes.

- Awareness classes were held for the female students on their general health and hygiene.
- Women's day was celebrated in the college where in senior lady faculty discussed the social issues with the girl students.

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

* **Nishant Garg**, BPT 3rd year participated in Roller hockey National Championship at Nasik, Maharashtra in August 2016.

** **Nishant Garg**, BPT 2nd year participated in Roller World Hockey Championship 2016 held at Roana, Italy from June 11th to June 24th 2016.

** **Nishant Garg**, BPT 2nd year participated in 17th Asian Inline Hockey Championship 2016 held at Lishui, China October 23-November 1, 2016.

5.10 Scholarships and Financial Support (2016-17)

Scholarship	Number of students	Amount
Financial support from institution (Dolphin Educational Society)		
Financial support from government	Not known	Cannot be estimated since the scholarship is directly transferred in the account of the students.
Financial support from other sources (DSWC)/ 1. Special scholarship @ Rs. 5000/- p.a. 2. Contribution towards students fresher's party. 3. Stipend for Board topper girl students from other schools @Rs. 5000.00 p.a.	03 N/A 08	15000 52560.00 40000.00
Number of students who received International/ National recognitions	01	N/A

5.11 Student organized / initiatives

Fairs:	State/ University level	01	National level	---	International level	---
Exhibition:	State/ University level	---	National level	---	International level	---

5.12 No. of social initiatives undertaken by the students

08

1. De addiction workshop
2. Blood Donation camps
3. Health Camps
4. Participation in “Yad Karo Kurbani” fortnight.
5. Swatach Bharat abhiyan
6. Polythene Free Campus
7. Celebrate Deepawali and other festivals with under privileged children’s of Bal Vanita Ashram, Raffles home and other charitable homes.
8. Distributed dress and study materials to the needy 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 statement

Creation of an educated, ethical and prosperous society by imparting higher education to youth enabling them towards integral human and career development in industrial and human health sector.

Mission statement

Academic excellence, healthy standards in extracurricular practices, socially relevant activities, and courses leading to employment and entrepreneurship and continuous progress of the institution.

6.2

- The College ensures a system of participative management whereby information flow and decision making processes are systematized and channelled through all key constituents of the College. These are implemented through either the office of the Principal or the Director.
- The Heads of departments ensure the smooth functioning of the activities of the department in collaboration with other members of the department. Monthly meetings of the Staff Council are held to discuss and decide on matters relating to academics and administration.
- For the smooth and effective functioning of the College, interactions with stakeholders comprising faculty, parents, alumnae and the students, are regularly organised.
- Feedback received from faculty, students, alumnae and other stake-holders are considered for continuous review and revision which are relevant to the changing needs of higher education.

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

6.3.1 Curriculum Development.

Curriculum Development:

- ❖ The curriculum of the UG & PG courses is prepared and modified from time to time by the affiliating university, i.e., H.N.B. Garhwal Central University, Srinagar.
- ❖ However, the Institute's internal BOS takes place to suggest up gradation in the syllabi and desired changes as per the needs of the stake holders.
- ❖ An assessment of the effectiveness of the current curriculum is done through Feedback obtained from faculty, students, alumnae, subject experts, employers and members of the academic fraternity.
- ❖ It is communicated to the affiliating university for further reform in the curriculum of the concerned subjects.

6.3.2 Teaching and learning.

1. Use of ICT as effective teaching tools, interactive E-learning, smart class and modern teaching modules.
2. Teachers diary with teaching plans and its follow up. Teaching plan is also submitted to IQAC.
3. Monthly report department wise to IQAC to review and tally the teaching plan as per schedule.
4. Academic calendar for the each academic session is prepared.
5. Study material is provided to students by the subject teachers.
6. Monitoring of academic performance of students through class test, group discussion and assignments, etc.
7. Regular visiting/guest faculty for interactive teaching.
8. Providing opportunities to the students for internships and H-o-T in various Hospitals and Industries.
8. Exposing students for outdoor learning through educational trips, excursions, camps etc.
9. Motivating students for research activities by organizing workshops/seminars/conferences/ H-o-T and allowing them to participate in such activities conducted by other organizations.
10. Subject wise external experts are called to review the research proposal of M.Sc. dissertation and suggestions are incorporated accordingly.
11. Students centric teaching. Students are divided into A, B, C category as per academic performance and remedial classes are arranged to upgrade the weak students by subject teacher and class coordinator.

The College has several mechanisms in place to ensure that all stakeholders - students, parents, faculty members, administrative staff and the Management - are aware of the evaluation processes.

The internal examination schedule of all courses are included in the college Academic calendar and displayed on the notice board. The examination schedule includes following information:

1. Date of sessionals (First, second) for semester system.

2. Date of internal examination (First, second and pre-university examinations) for annual system.

The Evaluation processes consist of Continuous Assessment and End Semester Examinations (ESE), except few courses like BPT, MPT, B.Sc. MM, B.Sc. MLT, B.Sc. BT (under revision currently to semester system) and M.Sc. Agronomy where the University exams are held annually.

The distribution of marks between the two session tests and University exams for computation of grades are calculated as below:

i. UG Courses: 30% of total marks of the course. The end of the semester examination is of 2 hr. and carries 70% of total marks assigned for the course.

ii. PG Courses: 40% of total marks of the course. The end of the semester examination is of 2 hr. and carries 60% of total marks assigned for the course.

iii. Evaluation of Project Report/ Dissertation and viva-voce shall be of 100 marks.

- ❖ To improve the results, class tests (M.C.Q) are conducted after the completion of topic/unit.
- ❖ After completion of the theory examination, answer papers are assessed, by strictly following the rules and regulations laid down by the affiliating University, and result is declared in the stipulated time.
- ❖ A candidate who fails to obtain the minimum required marks to pass a semester may be allowed to appear only at the subsequent End of semester examination as an ex-student prescribed for that particular semester.
- ❖ The result of internal assessment is sent bi-monthly to the parents.

6.3.4 Research and Development

The college is a recognised research centre. A number of departments like Microbiology, Biochemistry, Biotechnology and Zoology are recognised centres for research by the Uttarakhand Technical University, Dehra Dun, Suresh Gyan Vihar University, Jaipur, IFTM University, Moradabad and ICFAI University, Dehra Dun.

There is a research committee, headed by the Director and comprises four senior faculties as members. The primary objective of the committee is,

- To create awareness in young faculty about various funding agencies, their thrust area, schemes and proforma for funding.
- To guide the young faculty in preparing research proposals, and
- To evaluate the quality of research publications /conference presentations made by the faculty and students of the institute.

Composition of Committee

1. Dr. Arun Kumar, Chair
2. Dr. Shailja Pant, Co-Chair
3. Dr. Sas Biswas, Member
4. Dr. K.P. Tripathi, Member
5. Dr. Shruti Sharma, Coordinator, IQAC
6. Dr. Shalini Singh, Member

The committee meets every quarter, wherein it monitors the progress of the research projects undergoing in the institute. It also guides the students for oral/poster presentations in seminars/conferences, etc.

Some of the major recommendations made by the committee to encourage the young faculty towards research have been:

1. *Creation of a corpus* comprising adequate seed money for carrying out the initial investigations, experimentation and data collection for a proposed research project by the faculty. A corpus of Rs. Ten Lac has been created by the management for the above purpose during the academic session 2016-17.
2. *Creating advanced ICT facilities* like NPTEL and INFLIBNET, NDL both for the faculty as well as the senior students.

ICT facilities are made freely available to the faculty. The college has dedicated lease line for internet connectivity. Every department has been provided with internet connected PC to the individual faculty with free printing facility to help them gain the required knowledge.

Departments subscribe to national and international journals. The college is also a member of UGC-NLIST-INFLIBNET through which e-journals are made available. This is in addition to the NPTEL facility for which the college is a local chapter.

6.3.5 Library, ICT and physical infrastructure / instrumentation.

Library: Completely computerized library. Issue and return through BAR code system. Library management through ERP system has been implemented. Library has OPAC facility. Library has advanced ICT facilities like INFLIBNET and NPTEL both for the faculty as well as the senior students.

A separate repository is being created in the library comprising the academic research outputs from students and faculty in the form of the dissertations from the PG students from various streams as well as the copy of the publications (books, manuals and research papers) from faculty and students. Separate racks have been provided for individual departments to display their student's dissertations, etc. in the Central Library.

ICT:

The institution adopts policies and strategies for adequate technology deployment and maintenance. The ICT facilities and other learning resources are adequately available in the institution for academic and administrative purposes. The computer lab has been upgraded and shifted into larger and spacious premises. Besides individual faculty have internet connected desk tops with facility of on-line access to NLIST-INFLIBNET on line data base.

There is a separate server room with 04 Servers, of these 01 is for application purposes, 2nd for storing the data of ERP, and the remaining 02 servers are for the computer lab. The college also has 20 MBPS dedicated cable line for ICT needs which is duly supported by 01 UPS of 20 KVA. There is an additional 6KVA UPS for the server room.

The staff and students have access to technology and information retrieval on current and relevant issues. The institution deploys and employs ICTs for a range of activities. In keeping with rapid advancements in technology, and for students to benefit from state-of-the-art equipment, the College has recently installed ERP system. Additionally, every department has been provided with a CPU class room with mounted LCD projector. A total of six overhead LCD have been added during the current year.

Physical Infrastructure/ Instrumentation:

Seminar halls, conference rooms, , classrooms (some equipped with ICT facilities like computers and overhead LCD), buildings to house administrative offices, faculty chambers within the Departments, well equipped laboratories, a video conferencing facility, library, Girl students' common room, visitors room, OPD, wellness centre, games field, browsing centre, DTP centre, a telephone kiosk with STD and ISD, a bank with ATM facility, canteen, parking area and hostel facilities both for girl and boy students and a few staff are provided.

Every Department has at least 02 well equipped laboratories with modern equipments like HPLC, Gel doc., PCR, Fermenter, UV Spectrophotometer etc. to carry out contemporary and advance research. A number of facilities are common and being utilized by other Departments as well.

Since the accreditation a central block has been constructed in with a number of key offices like Accounts, Examination cell, visitors room, Director's and OSD office have been created on the ground floor. Currently another block is coming up exclusively for the Department of Agriculture.

The first floor has exclusive chambers for senior faculty and admin. Officers, while the 3rd & 4th floors have the Central library, which now occupies middle position in the College. The auditorium on the 1st floor has been renovated and provided with UPS back up.

An additional modern auditorium is being constructed on the top floor of the new building.

Advertisements inviting applications from qualified candidates are published in leading newspapers. Applicants who meet the eligibility criteria lay down by the UGC and the Affiliating University are called for an interview cum trial teaching session.

The selection panel consists of the Principal, Director, Head of the concerned department, a senior member of the faculty and an external subject expert.

Candidates deemed suitable to meet the institutions requirements are appointed on probation for one year. They are given a permanent position by the Management after assessment of their performance. Similarly on need basis technical and administrative staff is recruited after placing advertisement in the local news papers.

6.3.8 Industry Interaction / Collaboration

- The institute has MOU with the Drug Manufacturers Association and Association of Industries of Uttarakhand for providing internships and H-o-T to its students in various industries of the State.
- The institute also has MOU with various hospitals in the city where in students of paramedical courses are attached for internships.
- Dept. of Microbiology has collaboration with Centre for Aromatic Plants.
- Regular guest lecture are arranged from the senior executives and HR personnel from various industries for the orientation of the students.
- Paid consultancy provided to the industry of the region as per their requirement.

6.3.9 Admission of Students

Admission conducted as per the Affiliating University norms, including the reservations for various categories.

College on its own has no quota.

The College website, prospectus and handbook contain information about the institution and the programmes offered. Online registration facility also co-exists on the College website.

The admission notice is also announced through local, regional and national news papers.

The prospectus that highlights the details of various programmes of the College is prepared every year prior to the commencement of admissions. The prospectus also gives details of eligibility norms for admission. It is given to the applicants along with the application form.

All information relating to admission processes is made known to the public by way of a Help Desk that is set up during admissions.

6.4 Welfare schemes for

1. Teaching staff	• Loan facilities • Medical facilities in the campus • Contributory Provident Fund for regular faculty • Advance to meet the emergency expenditure • Contribution towards medical insurance • Maternity leave • Transport facility • Accidental life insurance under Pradhan Mantri Suraksha Yojna. • Tea Club and subsidised lunch
2. Non teaching staff	• Loan facilities • Medical facilities in the campus • Contributory Provident Fund for regular faculty • Advance to meet the emergency expenditure • Contribution towards medical insurance • Maternity leave • Transport facility • Accidental life insurance under Pradhan Mantri Suraksha Yojna. • Tea Club and subsidised lunch • Admissions, scholarships and fee concessions for daughters of administrative and supportive staff • Transport facility • Accidental life insurance under Pradhan Mantri Suraksha Yojna.
3. Students	• The Training & Placement Cell provide guidance for students to enhance their Employability, in addition to providing information on job availability and arranging in campus and off campus placement opportunities. • It fosters partnerships and linkages with the industry and hospitals for placement and training opportunities. • OPD facility under the supervision of two doctors and medical attendants. • Free Ambulance facility to carry the students to the city for treatment. • The Deans of Student welfare: 1. Organise student welfare activities 2. Help in students counseling 3. Disburse scholarships, financial aid to the less privileged. 4. No. of students benefitted: 453 5. Organise social events like fresher and farewell parties. 6. Organise cultural events from Spic MacKay, etc. 7. Celebration of all religious and social festivals for the hostel students.

6.5 Total corpus fund generated

17. 95000.00

Reserve and Surplus

10.67000.00

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	NAAC peer team visited college from April 5-6, 2011	Yes	IQAC
Administrative	Yes	-Do-	Yes	IQAC

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?

The affiliating University remains well conversed with the advances notified by the UGC. They are being regularly implemented by the University and are also conveyed to the affiliated colleges for adoption.

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

N/A

6.11 Activities and support from the Alumni Association

1. The Institute has a Registered Alumni Association under the Society's Act.
2. Annual meeting of Alumni Association is held regularly.
3. The alumni of the institute working in diverse fields and having key positions are invited for seminars, lectures and they are honored for outstanding achievements.
4. Two alumni are also the members of IQAC.
5. Carrying on with a column on "Distinguished Alumnus" in the college quarterly news letter '*Dolphin Insight*'.
6. Our alumni are guiding star and role model for the students. A cordial relation with the industry and other employers is also one of the outcomes of our alumni.

6.12 Activities and support from the Parent – Teacher Association

1. The College does not have an established Parent – Teacher Association. However, there are activities organised by the college wherein parents are encouraged to attend. In the beginning of the academic year it is mandatory that parents of I yrs' students attend an Orientation on all academic programmes and student support services offered on campus.
2. Departments organise a one-on-one dialogue with parents whose wards need further support and counseling services to enhance performance.
3. The faculty members are provided with official phones to remain in touch with parents regarding the students related information like: attendance, campus discipline, dress code, academic results, Co-curricular and extra-curricular activities, etc. In critical cases letters are issued or the parents are advised to personally visit the college for consultations.
4. Parents are apprised with the bi-monthly progress report (attendance + marks obtained in internal tests) of their ward via class coordinators.
5. The parents are kept apprised with various activities in the college by being provided with the issues of the college quarterly magazine "*Dolphin Insight*".
5. ERP system is being introduced from academic session 2016-17 which will enable the parents to monitor the academic progress of their wards from their place of residence.

6.13 Development programmes for support staff

The supporting staff plays an important role in the development of the institution. For the development of support staffs following activities have been introduced:

- Time bound allotted duties.
- Free medical facility in the campus.
- Financial support during emergency.
- Support for outdoor sports participation.
- Annual social gathering for staff on various occasions.
- Participation in the training programmes like computer, fire fighting, laboratory safety and hazard management and traffic rules are undertaken regularly.

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

- College is sprawling in over 7 acres of pure lush greenery and surrounded by a thick forest cover of Sal, *Shorea robusta*, and captivating natural fauna and flora.
- The peaceful atmosphere and the salubrious climate provide a perfect setting for young minds to absorb knowledge.

Following initiatives have been undertaken to make the campus eco-friendly.

1. Faculty of Botany department has started developing a Botanical Garden. The garden would be both to make the campus more eco-friendly as well to develop it as a *ex-situ* conservation site for the propagation of rare and endangered Himalayan medicinal plant species.
2. The Management, faculty and students of forestry department have planted saplings in the campus as part of Van Mahotsava Programme.
3. Botanical names of all the plants within the campus have been displayed along the tree or plant.
4. Some of the other eco- initiatives are polythene free campus, segregation of waste, and “Green” lab-waste disposal of laboratory wastes, etc.
5. During the year initiative has been taken to install Solar panels in the college building.
6. Another initiative has been taken for rain water harvesting in the college 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.

- Soft as well as hard copies of the study material as per the syllabus both for the theory as well as practical classes have been prepared.
- A number of these have been uploaded in MSW format, through ERP so as to make it available to the concerned students any time anywhere.
- Faculty are also compiling the question bank for individual subject papers.
- The academic performance of the class students is monitored and the weak students are helped to improve through extra efforts in the form of tutorials.
- Further enhancement of ICT as effective teaching tool, interactive E-learning and modern teaching modules.
- Each faculty has been provided with a desktop linked to a dedicated 10 MBPS internet line, enabling the faculty to access the NLIST INFLIBNET on line as well as they have free access to the internet for searching and downloading the academic data.
- ERP System adopted to use ICT for creating paperless, but at the same time efficient and quick communication system and on-line data base regarding all activities and resources in the college for which each faculty has been provided with individual desk top.
- College functioning well as 'Local chapter' of NPTEL by IIT, Madras.
- Full complement of video lectures approx. 08 terabytes by NPTEL was obtained from IIT, Kanpur.
- An index of these lectures was prepared and provided to each department for conducting video lectures from their respective subjects.
- Students and faculty are encouraged to take up Add on on-line courses of NPTEL.
- NLIST-INFLIBNET on-line library services are available to the faculty and students.
- Each faculty can access the e-resources of INFLIBNET from their individual desk top.
- Creation of a repository in the central library of the college where in the copies of the academic and research contributions of the faculty and students are displayed.
- CCTV is effectively functioning in the campus with a centralised monitoring system to administer the day to day working and discipline in the college and the girls' hostel.
- In second phase CCTV have been installed in some class rooms during the concerned year. They will be further extended to all the class rooms next year, i.e., 2017-18.
- Facility of Biometric attendance has been installed in large class rooms to begin with, to be extended in all class rooms in the coming session.
- In a step towards making each class room ICT enabled a number of overhead LCD projectors have been installed, to be extended in all class rooms in the coming session.

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

The college IQAC has taken the decision that college will continue with the policy of upgrading the knowledge and skill of its students and faculty by regularly undertaking various academic and research oriented activities including the infrastructure and library development.

Some of the major heads under which substantial progress was made during the year,

- An amount of Rs. 1205225.00 was spent on procurement of various laboratory equipments.
- An expenditure of Rs. 9030883.00 was incurred on procurement of two buses, two staff cars, furniture and fixtures, computers, CCTV's etc.
- An amount of Rs. 929640.00 was incurred on purchase of books, journals etc in the college library.
- Following expenditures were made on the maintenance ICT, Infrastructure, equipments etc, namely,
 1. Rs. 468005.00 on ICT
 2. Rs. 305259.00 on campus infrastructure and facilities
 3. Rs. 410354 on equipments
 4. Rs. 4375607.00 on miscellaneous items.

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

Best Practice-I:

As stated in Mission statement of the college the main emphasis is on Academic excellence through student centric teaching and skill development leading to employment and entrepreneurship.

We are happy that to the large extent we could achieve all three objectives, as explained below.

For skill development of not only our own students but from other academic Institutions across the country the college conducted a number of Hands-on –trainings, CME and 'Startup India' Workshops throughout the year as detailed below:

1. Seminar on modern trends in applied plant biology was organised by Department of Botany on 03/12/2016.
2. Department of Physiotherapy organised a two days workshop on Integrated Manual Therapy on 13th and 14th December, 2017.
3. Hands-on-training on ELISA techniques was organised by department of Biochemistry on 21/12/2016.
4. Workshop-cum-Hands-on-Training on Molecular Docking, Virtual Screening and Computational Biology was conducted in Department of Biotechnology in collaboration with Uttarakhand Council for Biotechnology and Schrodinger INC from 10th to 12th January 2017.
5. CME on Dry Needling on 25th & 26th January 2017.
6. Workshop-cum-HOT on 'Research methodology' was held on 9th & 10th February 2017 in collaboration with State Nursing College, Dehra Dun.

7. Seminar on Forestry and “Allied Sciences Specific Popular Topics (FAST-2017) on 17th & 18th February 2017.
8. International conference on “Forestry and Tourism: The Future mantra for Sustainability” jointly organised by DIBNS and Garden City University, Bangalore 21-22, March 2017.
9. Seminar on Cancer Biology was organised by Department of Biochemistry on 08/04/2017.
10. Seminar on Water Resource management was organised by Department of Agriculture on 02/05/2017.
11. A Workshop on Social Entrepreneurship was organised by DSWC in collaboration with Dainik Jagran, news daily on 29/05/2017.

Best Practice-II

Enhancement in the applications of ICT in teaching and learning programmes.

- Each faculty has been provided with a desktop linked to a dedicated 10 MBPS internet line, enabling the faculty to access the NLIST INFLIBNET on line as well as they have free access to the internet for searching and downloading the academic data.
- OPAC facility available for library search.
- ERP System introduced primarily to make use ICT to create a paperless but at the same time efficient and quick communication system and on-line data base regarding all activities and resources in the college for which each faculty has been provided with individual desk top.
- College designated as ‘Local chapter’ of NPTEL by IIT, Madras.
- Full complement of video lectures approx. 08 terabytes by NPTEL has been obtained from IIT, Kanpur.
- Installation of over head LED projector in every class room has been started during the year.
- Biometric attendance for students and faculty has been started in selected class rooms.

7.4 Contribution to environmental awareness / protection

The College constantly seeks to promote the Care of Mother Earth initiative. One of the primary objectives of the institution is to sensitize students on environmental issues and to motivate them to promote ecological justice and sustainable development. The College, on a regular basis implements healthy ecological practices in water and energy conservation and waste management. Some of the eco initiatives of the campus include:

- Green cover with large number of trees both inside and outside the campus
- Installation of Solar energy over head water tanks
- Rain water harvesting
- Herbal garden
- Energy efficient lighting
- Safe disposal of laboratory wastes

7.5 Whether environmental audit was conducted?

Yes

☐

No

☒

7.6 Any other relevant information the Institution wishes to add (For example SWOT) STRENGTHS.

STRENGTHS	WEAKNESS
Campus – - Located in the SYLVAN surroundings away from the hustle bustle of the city. - Well maintained with necessary facilities and infrastructure. - Environment -friendly ambience with practical '0' noise and atmospheric pollution. Academics - High quality academic programmes at both graduate and PG levels. - Dedicated college for science stream both natural and paramedical. - A holistic educational experience. - Strong, inclusive, value based education offered to students. - Broad-based curriculum with emphasis both on skills development and knowledge building. - A strong focus on high quality, student-centered teaching-learning processes committed and dedicated faculty. - Well-equipped labs. - Strong commitment to community, health services and social justice. - Existence of a number of Physiotherapy health centers voluntarily attached with hospitals in the city to provide subsidized health care to needy patients. - Highly qualified faculty, committed to student welfare. - Support programmes for slow learners. - Mentoring system well structured. - Excellent reputation at both State & National level. - A large number of scholarships disbursed to students from marginalized and economically deprived section. - Well-established links with other higher education institutions, research institutes and industries. - Positive and sustained approach to research and related academic activities. - Excellent library facilities with a central repository. - Well maintained and safe residential facilities for students. - Several opportunities for students to develop and enhance their creative potential and individual talent. - Positive experience with external stakeholders. - Excellent placement opportunities offered. - Strong support staff.	Non grant of permanent affiliation by the affiliating University. Affiliation only under section 4(f) & 46 (2) of Central University Rules 2009. Partial grant of 2(f) status by UGC. It deprives the college from getting any grants from UGC. Non recognition of Departments by Affiliating University as research centers. Limited option by students to the number of on-line Courses by NPTEL. Slow progress in identifying funding Agencies for research projects. Lack of International linkages.

OPPORTUNITIES	CHALLENGES
- Increasing further possibilities for partnerships, networking and collaborations both at the national and International level. - Expanding opportunities for under taking multidisciplinary and interdisciplinary research activities at both national and global levels. - Increased opportunities to develop and establish new programmes to meet the new and growing demands of society. - Introduce add-on on-line courses offered by NPTEL. Expertise of faculty to tap the corporate sector for enhanced consultancy and funding for research projects. High levels of interest in agencies/corporate sector to tap student potential for internships, projects and research-related activities.	- Focus on vocationalization of higher education in future policy making. - Perception that all educational processes should be directed towards preparing students for jobs. - Focus on marks rather than holistic development.

8. Plans of institution for next year

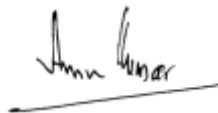
- Academic Audit
- Administration reforms
- Enhanced Research activities
- To develop more linkages both at National and international Level
- Distance learning programme for add on skill development
- Faculty development and exchange programme
- Enhance Consultancy Services
- Add on courses under IGNOU (could not be undertaken during current year)
- Create more infrastructures and a separate block for dept. of Agriculture Sciences.
- Completion of the 2nd State of the art college auditorium to accommodate about 300 persons.
- Complete renovation of college canteen and dining hall.
- Completion of the installation of solar heating system.

Name: **Dr. Shruti Sharma**



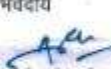
Signature of the Coordinator, IQAC

Name: **Dr. Arun Kumar**



Signature of the Chairperson, IQAC

Annexure 1. Affiliation letter from HNB Garhwal University, Srinagar for academic year 2015-16.

हेमवती नन्दन बहुगुणा गढ़वाल विश्वविद्यालय, श्रीनगर (गढ़वाल) उत्तराखण्ड – 246174 केन्द्रीय विश्वविद्यालय Hemwati Nandan Bahuguna Garhwal University, Srinagar (Garhwal), Uttarakhand-246174 (A Central University)	
	दूरभाष (01346)-252143, 252167, 252170 फैक्स (01346)-252174, 252247 वेबसाइट-Website www.hnbgu.ac.in
पत्रांक-मान्यता/ 5808	दिनांक 29-06-16
सेवा में प्राचार्य/निदेशक/सचिव डालफिन पी0जी0 इन्स्टीट्यूट ऑफ वायोमेडिकल एण्ड नेचुरल साइन्सेज, माण्डूवाला नियर सुद्धोवाला, देहरादून। महोदय,	
निरीक्षण समिति की संस्तुति दिनांक 18.06.2016 एवं निरीक्षण समिति को संस्थान द्वारा दिये गये 28 बिन्दुओं के शपथ पत्र के आधार पर कुलपति महोदय द्वारा केन्द्रीय विश्वविद्यालय अधिनियम 2009 के परिचयन की धारा 11 (3) में निहित अधिकारों का उपयोग करते हुए उपधारा 4 (f) एवं 46 (2) के अनुसार डालफिन पी0जी0 इन्स्टीट्यूट ऑफ वायोमेडिकल एण्ड नेचुरल साइन्सेज, माण्डूवाला नियर सुद्धोवाला, देहरादून को संचालित बी0एस-सी0 वानिकी-100 सीट, एम0एस-सी0 वायोटेक्नोलॉजी-33सीट, एम0एस-सी0 वायोकेमिस्ट्री-30सीट, एम0एस-सी0 फार्मास्यूटिकल केमिस्ट्री-27सीट, बी0एस-सी0 वायोटेक्नोलॉजी (सी0बी0जीड0)-80सीट, एम0एस-सी0 माइक्रोवायोलॉजी-33सीट, एम0एस-सी0 रसायनविज्ञान-40सीट, एम0एस-सी0 जनुविज्ञान-40 सीट, एम0एस-सी0 वनस्पतिविज्ञान-40 सीट, एम0एस-सी0 वानिकी-30 सीट, बी0एस-सी0 कृषि-120 सीट के अतिरिक्त 100 सीट की वृद्धि सहित कुल-220सीट, बी0एस-सी0 उद्यानिकी-100 सीट, एम0एस-सी0 एग्रोनॉमी-30 सीट एवं एम0एस-सी0 भौतिकविज्ञान पाठ्यक्रम में 30-सीट के साथ शैक्षणिक सत्र 2016-17 (एक वर्ष) के लिए अथर्थाई सम्बद्धता विस्तारण की स्वीकृति निम्न प्रतिबन्धों के साथ प्रदान की गयी है।	
- संस्थान को सभी पाठ्यक्रमों के लिए विश्वविद्यालय अनुदान आयोग/राज्य सरकार द्वारा निर्धारित शैक्षिक अर्हता धारक शिक्षकों की नियुक्ति करनी होगी। - शिक्षकों को यू0जी0सी0 द्वारा निर्धारित वेतन का भुगतान एकाउन्ट पे के माध्यम से करना होगा। - संस्थान को एस0सी0/एस0टी0/ओ0बी0सी0 के छात्रों को नियमानुसार आरक्षण देना होगा। - इस विश्वविद्यालय से सम्बद्धता के लिए निर्धारित परिसर में किसी अन्य विश्वविद्यालय के पाठ्यक्रम संचालित नहीं किये जायेंगे। - संस्थान को कुलपति महोदय के आदेश/निर्देशों का पूर्णतया पालन करना होगा। - संस्थान दूसरे विश्वविद्यालय का दूरस्थ शिक्षा अध्ययन केन्द्र संचालित नहीं करेगा। - संस्थान विश्वविद्यालय द्वारा मांगी गई सूचनाओं को उपलब्ध कराने हेतु बाध्य होगा।	
उपरोक्त प्रतिबन्धों का अनुपालन निम्नवत् करना होगा:-	
- एक माह के अन्तर्गत फौकल्टी के नियुक्ति पत्र एवं कार्यभार ग्रहण करने की सूचना विश्वविद्यालय को प्रेषित करनी होगी। - प्रत्येक तीन माह में फौकल्टी को किये गये वेतन भुगतान का बैंक स्टेटमेन्ट विश्वविद्यालय को प्रेषित करना होगा। - स्वीकृत सीटों पर दिये गये प्रवेशों में राज्य सरकार द्वारा निर्धारित आरक्षण सहित सूची विश्वविद्यालय को तीन माह के अन्तर्गत उपलब्ध करानी होगी। - उपरोक्त का अनुपालन न करने पर नियमानुसार कार्यवाही की जायेगी।	
प्रतिलिपि:- 1. उपकुलसचिव परीक्षा। 2. विशेष कार्याधिकारी, कुलपति सचिवालय को सादर सूचनाार्थ। 3. गार्ड फाइल।	भवदीय  डा0(ए. के. मोहन्ती) संयुक्त कुलसचिव, मान्यता
डा0(ए. के. मोहन्ती) संयुक्त कुलसचिव, मान्यता	

हेमवती नन्दन बहुगुणा गढ़वाल विश्वविद्यालय, श्रीनगर (गढ़वाल) उत्तराखण्ड – 246174

केन्द्रीय विश्वविद्यालय

Hemwati Nandan Bahuguna Garhwal University, Srinagar (Garhwal), Uttarakhand-246174
(A Central University)



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फैक्स (01346)-252174, 252247

वेबसाइट-Website www.hnbgu.ac.in

क्र.क-मान्यता/ 5830

दिनांक. 06-07-16

सेवा में

✓ प्राचार्य/निदेशक/सचिव

डालफिन पी0जी0 इन्स्टीट्यूट ऑफ बायोमेडिकल एण्ड नेचुरल साइन्सेज,
माण्डूवाला नियर सुझोवाला, देहरादून।

महोदय,

निरीक्षण समिति की संस्तुति दिनांक 13.06.2016 एवं निरीक्षण समिति को संस्थान द्वारा दिये गये 28 बिन्दुओं के शपथ पत्र के आधार पर कुलपति महोदय द्वारा केन्द्रीय विश्वविद्यालय अधिनियम 2009 के परिनियम की धारा 11 (3) में निहित अधिकारों का उपयोग करते हुए उपधारा 4 (f) एवं 46 (2) के अनुसार डालफिन पी0जी0 इन्स्टीट्यूट ऑफ बायोमेडिकल एण्ड नेचुरल साइन्सेज, माण्डूवाला नियर सुझोवाला, देहरादून को शैक्षणिक सत्र 2016-17 से बी0काम0-120 सीट (दो सैक्शन) एवं एम0काम0 पाठ्यक्रम में 40 सीट के साथ अस्थाई सम्बद्धता की स्वीकृति निम्न प्रतिबन्धों के साथ प्रदान की गयी है।

1. संस्थान को सभी पाठ्यक्रमों के लिए विश्वविद्यालय अनुदान आयोग/राज्य सरकार द्वारा निर्धारित शैक्षिक अर्हता धारक शिक्षकों की नियुक्ति करनी होगी।
2. शिक्षकों को यू0जी0सी0 द्वारा निर्धारित वेतन का भुगतान एकाउन्ट पे के माध्यम से करना होगा।
3. संस्थान को एस0सी0/एस0टी0/ओ0बी0सी0 के छात्रों को नियमानुसार आश्रय देना होगा।
4. इस विश्वविद्यालय से सम्बद्धता के लिए निर्धारित परिसर में किसी अन्य विश्वविद्यालय के पाठ्यक्रम संचालित नहीं किये जायेंगे।
5. संस्थान को कुलपति महोदय के आदेश/निर्देशों का पूर्णतया पालन करना होगा।
6. संस्थान दूसरे विश्वविद्यालय का दूरस्थ शिक्षा अध्ययन केन्द्र संचालित नहीं करेगा।
7. संस्थान विश्वविद्यालय द्वारा मांगी गई सूचनाओं को उपलब्ध कराने हेतु बाध्य होगा।

उपरोक्त प्रतिबन्धों का अनुपालन निम्नवत करना होगा:-

1. एक माह के अन्तर्गत कैकल्टी के नियुक्ति पत्र एवं कार्यभार ग्रहण करने की सूचना विश्वविद्यालय को प्रेषित करनी होगी।
2. प्रत्येक तीन माह में कैकल्टी को किये गये वेतन भुगतान का बैंक स्टेटमेन्ट विश्वविद्यालय को प्रेषित करना होगा।
3. स्वीकृत सीटों पर दिये गये प्रवेशों में राज्य सरकार द्वारा निर्धारित आश्रय सहित सूची विश्वविद्यालय को तीन माह के अन्तर्गत उपलब्ध करानी होगी।
4. उपरोक्त का अनुपालन न करने पर नियमानुसार कार्यवाही की जायेगी।

भवदीय

16/7

डा0(ए. के. मोहनती)

संयुक्त कुलसचिव, मान्यता

प्रतिलिपि:- 1. उपकुलसचिव परीक्षा।

2. विशेष कार्यधिकारी, कुलपति सचिवालय को सादर सूचनाार्थ।

3. गार्ड फाइल।

डा0(ए. के. मोहनती)

संयुक्त कुलसचिव, मान्यता

Annexure 2. Academic calendar of the Institute for the year 2016-17.

ACADEMIC PLANNER (2016-17)				
	S.No	Date (s)	Day(s)	Event
	1.	18 th July. 2016	Monday	Reporting of old students of all M.Sc. Courses & B.Sc. Agriculture, Forestry & Biotechnology
	2.	1 st Aug. 2016	Monday	Reporting of New students of B.Sc. Agriculture, Forestry & Horticulture
	3.	8 th Aug. 2016	Monday	Reporting of New students of all other courses
	4.	15 th Aug. 2016	Monday	Independence Day
	5.	13 th to 15 th October, 2016	Thursday to Saturday	1 st University Sessional exam for semester courses
	6.	28 th to 30 th November, 2016	Monday to Wednesday	2 nd University Sessional exam for semester courses; 1 st internal exams for Annual courses
	7.	15 th December, 2016 (Tentative)	Thursday	University Examination
	8.	16 th Jan. 2017 (Tentative)	Monday	New Semester Begins
	9.	26 th Jan 2017	Thursday	Republic Day Celebration
	10.	28 th Feb 2017 (tentative)	Tuesday	Annual Day Celebration
	11.	1 st to 3 rd March, 2017	Wednesday to Friday	1 st University Sessional exam for semester courses; 2 nd internal exams for Annual courses
	12.	24 th to 26 th April, 2017	Monday to Wednesday	2 nd University Sessional exam for semester courses; pre-university exams for Annual courses
	13.	15 th to 20 th May, 2017	Monday to Saturday	Annual Pre University Examinations
	14.	25 th May, 2017 (Tentative)	Thursday	University Examination

LIST OF HOLIDAYS (2016-17)

S.No.	Date	Day	Holiday on Occasion of
1.	18 th Aug. 2016	Thursday	Raksha Bandhan
2.	25 th Aug. 2016	Thursday	Janamashtami
3.	12 th Sept. 2016	Monday	Id-ul-Zuha
4.	2 nd Oct. 2016	Sunday	Gandhi Jayanti
5.	10 th Oct. 2016	Monday	Ram Navami
6.	11 th Oct. 2016	Tuesday	Dussehra
7.	27 th Oct. to 2 nd Nov. 2016	Thursday-Wednesday	1 st Term Break (Including Deepawali)
8.	14 th Nov. 2016	Monday	Guru Nanak Birthday
9.	25 th Dec. 2016	Sunday	Christmas Day
10.	14 th January 2017	Saturday	Makar Sankranti
11.	25 th February, 2017	Saturday	Maha Shivratri
12.	12 th to 14 th March 2017	Sunday to Tuesday	2 nd Term Break (Including Holi)
13.	14 th April 2017	Friday	Ambedkar Jayanti
14.	5 th April 2017	Wednesday	Ram Navami
15.	26 th June, 2017	Wednesday	Idul Fitr*

NOTE: 1. All 2nd Saturdays will be closed holidays.

2. The above calendar is subject to change on prior notice from the Principal Office.

Annexure – 3: Summary of UG students' feedback for the academic session 2016-17

S. No.	Course	Feedback	Action Recommended (Y/N)
1	B.Sc. Med. Micro 1 st year	Good	No
2	B.Sc. Med. Micro 2 nd year	Good	No
3	B.Sc. Med. Micro 3 rd year	Good	No
4	BPT 1 st year	Good	No
5	BPT 2 nd year	Good	No
6	BPT 3 rd year		Based on feedback Dr. RK Srivastava was assigned to teach General Medicine instead of Dr. Richa Agarwal.
7	BPT 4 th year	Good	No
8	B.Sc. MLT 1 st year	Good	No
9	B.Sc. MLT 2 nd year	Good	No
10	B.Sc. MLT 3 rd year	Good	No
11	B.Sc. Biotech 1 st year	Good	No
12	B.Sc. Biotech 2 nd year	Good	No
13	B.Sc. Biotech 3 rd year	Good	No
14	B.Sc. Forestry 1 st year	Good	No
15	B.Sc. Forestry 2 nd year		Ms. Hemlata Bhatt and Dr. Rashmi Chamoli were asked to focus on student centric teaching.
16	B.Sc. Forestry 3 rd year	Good	No
17	B.Sc. Forestry 4 th year	Good	No
18	B.Sc. Agriculture 1 st year	Good	No
19	B.Sc. Agriculture 2 nd year	Good	No
20	B.Sc. Agriculture 3 rd year	Good	No
21	B.Sc. Agriculture 4 th year	Good	No
22	B.Sc. Horticulture 1 st year	Good	No
23	B.Sc. Horticulture 2 nd year		Ms. Beena Pathak and Mr. Arjun Singh were asked to improve their explanation skills.
24	B.Sc. Horticulture 3 rd year	Good	No
25	B.Com 1 st year	Good	No

Annexure 4: Summary of PG students' feedback for the academic session 2016-17.

S. No.	Course	Feedback	Action Recommended (Y/N)
1	M.Sc. Micro 1 st year		
2	M.Sc. Micro 2 nd year		
3	M.Sc. Biochemistry 1 st year		
4	M.Sc. Biochemistry 2 nd year		
5	M.Sc. Chemistry 1 st year		
6	M.Sc. Chemistry 2 nd year		
7	M.Sc. Pharnachemistry 1 st year		
8	M.Sc. Pharnachemistry 2 nd year		
9	M.Sc. Zoology 1 st year		
10	M.Sc. Zoology 2 nd year		
11	M.Sc. Botany 1 st year		
12	M.Sc. Botany 2 nd year		
13	M.Sc. Forestry 1 st year		
14	M.Sc. Forestry 2 nd year		
15	M.Sc. Biotechnology 1 st year		
16	M.Sc. Biotechnology 2 nd year		
17	M.Sc. MLT 1 st year		
18	M.Sc. MLT 2 nd year		
19	MPT 1 st year		
20	MPT 2 nd year		
21	M.Sc. Agronomy 1 st year		
22	M.Com 1 st year		

Annexure 5. Participation Certificate of NISHANT GARG, BPT 2nd year as Member Team India (2016-17).

	भारतीय रोलर स्केटिंग महासंघ ROLLER SKATING FEDERATION OF INDIA भारत सरकार द्वारा मान्यता प्राप्त: RECOGNISED BY GOVERNMENT OF INDIA AFFILIATED TO: FEDERATION INTERNATIONALE DE ROLLER SKATING (RECOGNISED BY: INTERNATIONAL OLYMPIC COMMITTEE) FOUNDER MEMBER: CONFEDERATION ASIAN ROLLER SKATING
<u>TO WHOM IT MAY EVER CONCERN</u>	
It is to certify that Mr Nishant Garg Age group Senior Men year 2016 representing INDIA in the following championships:-	
1. The 17th Asian Inline hockey Championship 2016 held at Lishui China	
2. Roller World Hockey Championship 2016 held at Asiago, Roana Italy	
The Championships was conducted by (CARS). The above mentioned player participated in the said championship.	
 GS Rathore Chairman (RHTC) RS FI	
HNNo. 154, Lane No. -7 Vijay park Extension Dehra dun -248001 India Mobile no. 9899299200 mail :-rathore1962@gmail.com	

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission
