

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

Annual Quality Assurance Report (AQAR) of the IQAC *(Year of Report: 2017-18)*

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

Tel. No. with STD Code:

0135-2694547

Mobile:

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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): **UACOGN 14379**

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/aqar2017-18.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)

2017-18

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	<input checked="" type="checkbox"/>	Central	<input checked="" type="checkbox"/>	Deemed	<input checked="" type="checkbox"/>	Private	<input checked="" type="checkbox"/>
Affiliated College	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Constituent College	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Autonomous college of UGC	Yes	<input checked="" type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Regulatory Agency approved Institution (eg. AICTE, BCI, MCI, PCI, NCI)	Yes	<input type="text" value="N/A"/>			No	<input type="text" value="----"/>		
Type of Institution	Co-education	<input checked="" type="checkbox"/>	Men	<input checked="" type="checkbox"/>	Women	<input checked="" type="checkbox"/>		
	Urban	<input checked="" type="checkbox"/>	Rural	<input checked="" type="checkbox"/>	Tribal	<input checked="" type="checkbox"/>		
Financial Status	Grant-in-aid	<input checked="" type="checkbox"/>	UGC 2(f)	<input checked="" type="checkbox"/>	UGC 12B	<input checked="" type="checkbox"/>		
	Grant-in-aid + Self Financing	<input checked="" type="checkbox"/>	Totally Self-financing	<input checked="" type="checkbox"/>				

1.10 Type of Faculty/Programme

Arts	<input checked="" type="checkbox"/>	Science	<input checked="" type="checkbox"/>	Commerce	<input checked="" type="checkbox"/>	Law	<input checked="" type="checkbox"/>	PEI (Phys Edu.)	<input checked="" type="checkbox"/>
TEI (Edu)	<input checked="" type="checkbox"/>	Engineering	<input checked="" type="checkbox"/>	Health Science	<input checked="" type="checkbox"/>	Management	<input checked="" type="checkbox"/>		
Others (Specify)	<input type="text" value="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

01

2.4 No. of Management representatives

01

2.5 No. of Alumni

01

2.6 No. of any other stakeholder and community representatives

03

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.

09

Faculty

04

Non-Teaching Staff /Students

03

Alumni

02

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.	12	International	--	National	01	State	04	Institution Level	08
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(ii) Themes

Titles of workshops/ h-o-t / CME conducted during the year.

1. Entrepreneurship Development Programme on Agriculture Based Start-Ups was conducted from 18th to 23rd, September 2017.
2. Organised a Hands-on-training Workshop on " Forest Logging operation" on 28th October for B.Sc. Forestry Students in Aduwala 2B, Timli Forest Range, Kalsi Forest Division, Dehradun.
3. Organised a workshop on road safety and driving discipline on December, 8, 2017 in collaboration with the Uttarakhand Police.
4. Symposium on 'Food safety and Quality assurance' was conducted on 18.11.2017.
5. One day seminar on stress management was conducted on 01.12.2017.
6. Three days National Conference on ' Dragonfly (Insecta: Odonata) bioecology and distribution dynamics v/s environment amelioration, with special reference to Global warming and Climate change' was jointly held with Indian Dragonfly Society from 21st to 23rd March 2018.
7. Two days Hands-on-workshop on Kinesio taping was conducted on 13th and 14th March 2018.
8. Six days EDP on 'Food processing industries' was conducted from 2nd to 8th April 2018.
9. Two days Hands-on-workshop on 'Neuro Developmental theory' was conducted on 2nd and 3rd June 2018.
10. One week FDP on 'Use of ICT in Education and Research Methodology' was organised from 11th to 17th June 2018 in collaboration with Teaching Learning Centre, Ramanujan College, University of Delhi.
11. One day seminar on "National integration – need of the day' was conducted on 05/05/2018.
12. One day seminar on 'Women empowerment and legal awareness' was jointly organised with the District Legal Authority, Dehra Dun on 06/06/2018.

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, staff, Alumni and various stake holders of the college in connection with the functioning of the college and planning for various activities and developments in various disciplines. Meetings were also held for preparation of SSR for 2nd cycle of NAAC accreditation.

IQAC took initiative in organizing FDP, EDP, 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.

The College also brought out a table calendar for the year 2018 on the theme "Wildlife of India" based on the photographs taken by Dolphinites.

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.

Solar panels have been installed. An additional auditorium has been created.

The facility of biometric attendance extended for students in all class rooms and labs.

The installation of Biometric attendance machine has also been completed in Manduwala GH.

IQAC also ensured the installation of CCTV in all class rooms and labs.

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. One week FDP was conducted in collaboration with Teaching Learning Centre, Ramanujan College, University of Delhi.

The IQAC, through its activities, has been an agent of change in the institution ensuring efficient performance of academic and administrative tasks.

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. The Entrepreneur Development Cell organised two EDPs of one week each. 2. FDP of one week duration was conducted in collaboration with Teaching Learning Cent, Ramanujan College, University of Delhi.
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. Continuous medical Education Programme	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. 1. Two days Hands-on-workshop on Kinesio taping was conducted on 13th and 14th March 2018. 2. Two days Hands-on-workshop on 'Neuro Developmental theory' was conducted on 2nd and 3rd June 2018.
Increasing the role of faculty in advisory capacity outside the premises of the institute.	Faculty of the Institute act as resource persons in various capacities both in Govt. Research Institutions, Universities and other organisations. Dr. Arun Kumar functioned as member Biodiversity in the monitoring committee of National Mission for Clean Ganga with Wildlife Institute of India Dr. Arun Kumar also acted as external expert in the selection committee for the Research and Project Fellows in Wildlife Institute of India. Dr. Arun Kumar, Director, Dolphin Institute acted as Sessional Chairperson in the technical session of Workshop on "Launching of Projects under National Mission on Himalayan Studies cum Stakeholder Consultation Workshop" organised by Zoological Survey of India, Kolkata on 26th April 2018. He headed the panel for discussion with stake holders regarding the project on "Conservation of Threatened Vertebrate Fauna in Indian Himalayan Region through Long-term Monitoring and capacity building" funded by MOEF &CC, GOI, New Delhi.
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. Corrective actions are implemented through IQAC.
Implementation of ERP	Implemented mobile App for mobile devices. Facility for accessing ERP enabled via mobile for registered users. Minor part of accounting software, Tally, has been incorporated with ERP system. Library package brought on line. Departmental library has been formed in the ERP package. Serial control system implemented.

Additional Class rooms and laboratories	A block of class rooms is under construction.
Provision of PAS in class rooms	All class rooms have been provided biometric attendance, LCD projector and PAS.
D. Co-curricular activities: Encourage the students to participate in various sports/ cultural activities outside campus.	Dolphinites stood 1 st in Intercollegiate academic and cultural competition (2017-8) conducted by HN BG Central university, Srinagar-Garhwal from 13 th to 15 th march 2018.
Alumni Association	1. The Alumni Association conducted its annual meet on 25 th February 2018. 2. More than 100 alumni attended the meet as well as college annual day programme in the evening. 3. Five outstanding alumni were felicitated by the Chief guest of the Annual day.

* 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

<p>The suggestions recommended in the future plans of the previous AQAR (2016– 2017) were implemented over this academic year, such as:</p> <ul style="list-style-type: none"> • Completion of the ERP panel. • Installation of biometric attendance facility in all class rooms. • Complete reconstruction and expansion of the college canteen providing State of art catering and dining facilities. • Completion of an additional state of art auditorium with sitting capacity for 250 persons. • Installation and commissioning of 100 Kw roof top solar plant, a step towards Green building concept. • Two additional buses have been provided for the transportation of students and staff.

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	12	-----	12	--
UG	06	-----	06	---
PG Diploma	00	---	---	---
Advanced Diploma	00	--	---	---
Diploma	00	--	---	---
Certificate	00	---	---	---
Others: Paramedical Sciences:				
PG	02	---	02	
UG	03	--	03	
Total	24	02	24	---
Interdisciplinary	19	---	---	---
Innovative	00	---	---	---

- 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	19
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 – 4&5

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.

Nil

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of Permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
102	70	26	03	03

2.2 No. of permanent faculty with Ph.D.

51

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
16	11	01	-	-	-	03	-	20	11

2.4 No. of Guest/ visiting faculty and Temporary faculty

35

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Conferences	03	07	01
Presented papers	03	02	---
Resource persons in Conferences	01	02	---
Resource persons in Hands-on-training	----	---	---

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.
 - Each faculty has been linked department wise by creation of departmental Whatsapp groups. The members of the management committee are by default linked to all groups.
 - The primary purpose of the above groups is quick dissemination of information regarding academics and curricular activities.
 - At department level the HOD/ Class Coordinator are also linked to their respective students with Whatsapp. It has proved very successful in increasing the working efficiency at all levels.
- * 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 'on line' courses.

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

243

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

82.50

2.11 Course/Programme wise distribution of pass percentage:

University result at a Glance: Session 2017-2018 (U.G.) (Final Year)

S. No	Class	Enrolled Students		Passed with distinction				Pass with 1 st Div.				Pass with 2 nd Div.				Pass with 3 rd Div.				Fail			
		M	F	M	% age	F	% age	M	% age	F	% age	M	% age	F	% age	M	% age	F	% age	M	% age	F	% age
1.	B.Sc. Biotechnology	13	29	-	-	-	-	02	15.39	16	55.17	10	76.92	12	41.38	-	-	-	-	1	7.69	1	3.45
2.	B.Sc. MLT	39	11	-	-	6	54.55	35	89.74	5	45.45	4	10.26	-	-	-	-	-	-	-	-	-	-
3.	B.Sc. Medical Microbiology	21	27	7	33.33	7	25.93	14	66.64	20	74.07	-	-	-	-	-	-	-	-	-	-	-	-
4.	B.P.T.	15	33	-	-	2	6.06	12	80.00	31	93.94	2	13.33	-	-	-	-	-	-	01	6.67	-	-
5.	B.Sc. Forestry	46	32	3	6.52	4	12.50	32	69.57	27	84.38	11	23.91	1	3.12	-	-	-	-	-	-	-	-
6.	B.Sc. Agriculture	37	21	7	18.92	6	28.57	30	81.08	15	71.43	-	-	-	-	-	-	-	-	-	-	-	-

University Result as a Glance: Session 2017-2018 (P.G.) (Final Year) (Semester System)

S. No	Class	Enrolled Students		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	% age	F	% age	M	% age	F	% age	M	% age	F	% age	M	% age	F	% age	M	% age	F	% age	M	% age	F	% age
1.	M.Sc. Microbiology	10	22	-	-	-	-	1	10.00	-	-	1	10.00	13	59.09	8	80.00	9	40.91	-	-	-	-	-	-	-	-
2.	M.Sc. Biochemistry	18	4	-	-	-	-	2	11.11	1	25.00	13	72.22	3	75.00	3	16.67	-	-	-	-	-	-	-	-	-	-
3.	M.Sc. Biotechnology	8	9	-	-	-	-	1	12.50	-	-	2	25.00	5	55.56	4	50.00	4	44.44	1	12.50	-	-	-	-	-	-
4.	M.Sc. Botany	16	23	-	-	-	-	1	6.25	3	13.04	15	93.75	20	86.96	-	-	-	-	-	-	-	-	-	-	-	-
5.	M.Sc. Chemistry	12	17	-	-	-	-	-	-	1	5.88	7	58.33	12	70.59	5	41.67	4	23.53	-	-	-	-	-	-	-	-
6.	M.Sc. Pharma Chemistry	6	4	-	-	-	-	2	33.33	-	-	4	66.67	3	75.00	-	-	1	25.00	-	-	-	-	-	-	-	-
7.	M.Sc. Zoology	14	25	-	-	-	-	1	7.14	7	28.00	12	85.72	18	72.00	1	7.14	-	-	-	-	-	-	-	-	-	-
8.	M.Sc. Forestry	8	4	-	-	-	-	-	-	-	-	1	12.50	1	25.00	1	12.50	2	50.00	6	75.00	1	25.00	-	-	-	-
9.	M.Sc. Physics	8	3	-	-	-	-	1	12.50	-	-	5	62.50	1	33.33	2	25.00	2	66.60	-	-	-	-	-	-	-	-

Session 2017-2018 (P.G.) (Annual System)

S. No	Class	Enrolled Students		Passed with distinction				Pass with 1 st Div.				Pass with 2 nd Div.				Pass with 3 rd Div.				Fail			
		M	F	M	% age	F	% age	M	% age	F	% age	M	% age	F	% age	M	% age	F	% age	M	% age	F	% age
1.	M.P.T.	9	11	-	-	-	-	6	66.67	9	81.82	2	22.22	-	-	-	-	-	-	1	11.11	2	18.18
2.	M.Sc. MLT	3	5	2	66.66	3	60.00	1	33.34	2	40.00	-	-	-	-	-	-	-	-	-	-	-	-
3.	M.Sc. Agronomy	18	9	-	-	-	-	9	50.00	4	44.44	8	44.44	5	55.56	1	5.56	-	-	-	-	-	-

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 coordinator IQAC is the member of College management committee. The CMC is the policy and planning making body which meets periodically to plan policies relating to admissions, academic programmes, etc. it also evaluates the academic progress, administrative processes and different matters related to co-curricular, extracurricular and extension activities of the college.
- The IQAC initiate and implements quality enhancement and assurance measures for all constituencies of the college and is headed by the Director.

2.13 Initiatives undertaken towards faculty development:

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	----
UGC – Faculty Improvement Programme	-----
HRD programmes	One FDP sponsored by Ministry of Human Resource Development under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching. 53 faculties were benefitted.
Orientation programmes	---
Faculty exchange programme	---
Staff training/ conference/ seminars conducted by the University	----
Staff training/ conference/ seminars conducted by other Institutions	-----
Conference/ Workshop/ Seminars conducted by the Institution	12
Summer / Winter schools, Workshops, etc.	6
Others (preparing for conducting NPTEL video lectures and INFLIBNET data base on e-journals and books)	4

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.
- Conducting research conferences and seminars and encouraging faculty and students to participate in such activities conducted by other institutions in and outside Dehra Dun.
- 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.
 - By encouraging faculty to take up collaborative research programme with Institutes of excellence.
 - On duty leave granted to the faculty for attending research seminars, conferences, and workshops, etc. Reimbursement of the registration fee to the faculty for attending the above events.

3.2 Details regarding major projects:

	Completed	Ongoing	Sanctioned	Submitted
Number	01
Outlay in Rs. Lakhs	6.38

3.3 Details regarding minor projects:

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

3.4 Details on research publications

Category	International	National	Others
Peer Review Journals	26	02	----
Non-Peer Review Journals	---		----
e-Journals	07	01	----
Conference proceedings	---	01	

3.5 Details on Impact factor of publications:

Range 0.534-5.807 Average 0.616 h-index 639 Nos. in SCOPUS 11

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

3.7 No. of books published: 04

(a) Pre-conference Proceedings :

i) With ISBN No.	02	ii) Without ISBN No.	02
------------------	----	----------------------	----

(b) Post-conference Proceedings:

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

(c) Training Manual: 00

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

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

Nil

**3.11 No. of conferences/ Seminars/H-o-T/ CME
organized by the Institution**

	International	National	State	University	College
Number	---	01	05	----	06
Sponsoring agencies	----	Self	Self	-----	Self

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

04

3.13 No. of collaborations

International

00

National

01

Any other

00

3.14 No. of linkages created during this year

....

3.15 Total budget for research for current year in Lakhs:

From funding agency

Nil

From Management of University/College

Nil

Total:

Nil

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
	01	01	02	-	-	05

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

04

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

04

01

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

JRF	<input type="text" value="00"/>	SRF	<input type="text" value="00"/>	Project Fellows	<input type="text" value="00"/>	Any other	<input type="text" value="00"/>
-----	---------------------------------	-----	---------------------------------	-----------------	---------------------------------	-----------	---------------------------------

3.21 No. of students Participated in NSS events:	University level	<input type="text" value="02"/>	State level	<input type="text" value="01"/>
--	------------------	---------------------------------	-------------	---------------------------------

National level	<input type="text"/>	International level	<input type="text" value="---"/>
----------------	----------------------	---------------------	----------------------------------

3.22 No. of students participated in NCC events:	University level	<input type="text" value="---"/>	State level	<input type="text" value="---"/>
--	------------------	----------------------------------	-------------	----------------------------------

National level	<input type="text" value="---"/>	International level	<input type="text" value="---"/>
----------------	----------------------------------	---------------------	----------------------------------

3.23 No. of Awards won in NSS:	University level	<input type="text" value="---"/>	State level	<input type="text" value="---"/>
--------------------------------	------------------	----------------------------------	-------------	----------------------------------

National level	<input type="text" value="---"/>	International level	<input type="text" value="---"/>
----------------	----------------------------------	---------------------	----------------------------------

3.24 No. of Awards won in NCC:	University level	<input type="text" value="---"/>	State level	<input type="text" value="---"/>
--------------------------------	------------------	----------------------------------	-------------	----------------------------------

National level	<input type="text" value="---"/>	International level	<input type="text" value="---"/>
----------------	----------------------------------	---------------------	----------------------------------

3.25 No. of extension activities organized

University forum	<input type="text" value="03"/>	College forum	<input type="text" value="65"/>	NCC	<input type="text" value="0"/>	NSS	<input type="text" value="02"/>
------------------	---------------------------------	---------------	---------------------------------	-----	--------------------------------	-----	---------------------------------

Scouts & Guides	<input type="text" value="01"/>	Youth Red Cross	<input type="text" value="01"/>
-----------------	---------------------------------	-----------------	---------------------------------

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

July, 9, 2017- Felicitated 78 toppers from 13 district of Uttarakhand with wrist watches, mementos and certificates and six economically week meritorious girl students with of 8400/- each under the scheme Maa Mahamaya Balasundari Devi Chatravriti Yojana run by the institute.

August, 6, 2017 – The new academic session (2017-8) in the Institute started with the recital of Sundarakand and the Bhandara.

August, 15, 2017 – 71st Independence Day was celebrated with full enthusiasm in the Institute. The flag hoisting ceremony was followed by cultural programme.

August, 21, 2017- World Mosquito Day was celebrated by Department of Zoology for spreading the awareness about malaria and its control.

September, 8, 2017- World physiotherapy day was celebrated by the Department of Physiotherapy.

September, 12, 2017- The news daily 'Dainik Jagran' along with DSWC organised the "youth Parliament" in the campus in which about 150 students participated.

September, 18-23, 2017- Institute organised Entrepreneurship Development programme on Agriculture based startups.

September, 14, 2017- The Hindi Divas was celebrated by organizing a Hindi literary meet.

September, 28 to October, 06, 2017- was celebrated as a week to commemorate the birth centenary celebrations Mahatma Gandhi and Lal Bahadur Shastri. Many cultural and educational activities were undertaken by the students and faculty.

October, 6, 2017- Poster presentations were made by the students on role of Mahatma Gandhi in India's independence movement.

October, 8-9, 2017- The College hosted HNBG University Inter – college Girls football tournament in which 05 teams from various colleges of the University participated.

October, 11-12, 2017- The College hosted the fresher's party for the academic session 2017-18 was organized by DSWC in which students from all 14 departments welcomed the fresher's. Old as well as new students participated in various cultural events.

October, 28 –November, 4, 2017- The Physiotherapy department provided physio services at Uttarakhand Open ITF Veteran's tennis tournament 2017.

November, 3, 2017- The Institute organised an art competition to commemorate "Uttarakhand Uday" for the students from class VI to XII, in which more than 2200 students from 30 local schools participated. Prizes were given in cash and kind to the winners in various categories.

November, 4, 2017- The faculty and students from the institute participated in 'Swatchtha Abhiyan' while celebrating the 18th Founders Day of the State.

November, 6, 2017- The students of Forestry department distributed complimentary saplings to the citizens of Doon under the scheme of making the city green.

November, 7, 2017- Free Health/Physiotherapy camp was organised in the Institute premises on the occasion of "Uttarakhand Uday".

November, 7, 2017- A special guest lecture was organised on "Say No To Drugs" by a well-known clinical Psychologist.

November, 8, 2017- In commemoration of the State day the Institute organised a function to honour the 68 outstanding teachers from various Government schools of the State. Shri Arvind Pandey, Education Minister, Uttarakhand was the Chief Guest.

November, 8, 2017- In commemoration of the honour of the Indian war heroes the college created a gallery of recipients of Param Vir Chakra "Entitled Shaurya-ki-Deewar".

November, 14, 2017- Sweaters and stationary items were distributed gratis to the needy and poor children from more than 17 Primary and Junior High Schools in the villages around Dehradun.

November, 27, 2017- Institute organised a voluntary blood donation camp at its premises in collaboration with I. M. A. Blood Bank, Dehradun. On the occasion 75 Units of blood was collected. Students from YRC and NSS assisted in holding the blood donation camp.

December, 8, 2017- A workshop on “Road safety and driving discipline” was organised by DSWC in collaboration with Uttarakhand Police. Ms Nivedita Kukreti, SSP Dehra Dun was the Chief Guest.

December, 9th-10th, 2017- Physiotherapy services were provided for Para athletes meet at Dehradun.

December, 17th, 2017- Physiotherapy services were provided to the annual ‘Dehradun Half Marathon Race’ in which thousands of participants took part.

December 26th – 30th, 2017- Extensive Physio services were provided to the participants of 66 Annual police Athletic Championship.

January, 22nd, 2018 – Sarswati Pooja was conducted in the institute on the occasion of Basant Panchami.

January, 23rd, 2018- DSWC organised a cultural programme to celebrate 121st birth anniversary of Neta Ji Subash Chandra Bose. The role of INA during the freedom struggle was highlighted.

February, 28th, 2018- Department of Physics participated in “Innovative Science Model Exhibition’ at Raj Bhawan, Dehra Dun to Commemorate the National Science Day. Students and faculty from the department exhibited two working models based on the principles of ‘ Remote Voice sensing Switching Device (RVSSD)’ and ‘ Optically Character recognition based Assistive reading system (OCRBARS)’.

The exhibition was inaugurated by Honb’le Governor of Uttarakhand and the Former Chairman, AEC India.

June, 6th, 2018- Seminar on Women Empowerment and legal awareness was jointly organised with District Legal Authority, Dehra Dun. Students and local residents participated in the seminar in which Govt. Officials from departments like Health, Social Welfare, Women and Child Development, UREDA, Agriculture and Revenue also enlightened the participants. Shri Abdul Qayum, PCJS, Civil Judge, Secretary District Legal Authority delivered the inaugural address.

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 (16880 m ²)+ Agri farm land. Total covered area of campus: 10722.15 m ² .		Bank Finance and society's own resources	4.5 Acre (16880 mt ²) +Agri Farm Land; total covered area campus; 11957.75 m ²
Class rooms	51	12 Class Rooms (7800 ft ² Area)		63
Laboratories	29	2 Labs (200 ft ² Area)		31
Seminar Halls	1	Extended 3500 ft ² Area		1
No. of important equipments purchased (≥ 1-0 lakh) during the current year (2017-18)				
Name of the equipment			Amount in Rs.	Quantity
i) Projector & supporting unit			349828.00	1
ii) Epson LCD Projector and kit			686720.00	1
iii) Pateint stools/ lab stools			326400.00	300
iv) Harrow/ land leveler and seed fertilizer instruments			119420.00	1
v) Tractor Trolley			49000.00	1
x) Misc Lab Instruments			46989.00
Value of the equipment purchased during the year (Rs. in Lac)			1578357.00	
Others (furniture, office equipment, vehicle, etc)				
Name of the equipment			Amount in Rs.	Quantity
i) Luminous battery			22949.00	1
ii) 15 KVA UPS			529820.00	1
iii) TT table			40852.00	1
iv) Solar Plant 100 KVA			2431641.00	1
v) CCTV Cameras with accessories/ biometric machines			1944635.00	
vi) Air Conditioners			975718.00	10
vii) Water coolers			230900.00	5
viii) Fire extinguishers			20674.00	3
ix) ACE Camera HDD			437310.00	1
x) Vehicles/ Buses/ tanker			3914000.00	01 each
xi) Expenditure on furnishing/ furniture etc.			4092087.00
xii) Computers			497312.00	
xiii) Other misc. items			434234.00	
Value of the furniture, office equipment, vehicles, etc			17076247.00	

(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 has been provided to the students, faculty and staff.
8. e-book database access has been provided to every department.
10. Digitized repository in the central library is in progress.

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

The following key features have been updated in the day to day management and the overall administration in the Institute on installation of customized ERP system during 2017-18.

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 (2017-18)

	Existing (2016-17)		Newly added (April 2017- March 2018)		Total (in Rs.)	
	No.	Value	No.	Value	No.	Value
Text Books	21942	7921602.47	4038	1316714.00	25,980	9238316.00
Reference Books	1099	1798237.58	35	79,852.00	1134	1878,089.58
e-Books	182	--	--	---	---	----
Journals	60	195245.00	11	143770.00	71	339015.00
e-Journals	01	5000.00	8	N/A	09	5000.00
Digital Database	N-List	--	--	---	---	---
CD & Video	404	9682.00	6	N/A	410	9682.00
Others (Project reports)	2104		82	---	2186	----

4.4 Technologies up gradation:

1. All classrooms and some labs have been equipped with LCD multimedia projectors.
2. Surveillance system via CCTV cameras has been implanted in the college campus as well as all the hostels.
3. Biometric attendance system has been installed in each class room and lab.
4. A 10 megawatt solar system has been installed.

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 one week FDP under MHRD on 'Application of ICT in teaching and learning'.
2. Faculty was trained on using ERP.
3. Faculty was also given a live demonstration of accessing the on line INFLIBNET data base.

	Total Computers	Computer Labs	Internet	Browsing centers	Computer centers	Office	Departments	Others
Existing	163	01	Yes with Wi-Fi	01+02	02	01	All	ERP e-library
Added	10	-	-	-	-	-	-	-
Total	173	-	-	-	-	-	-	completed

4.6 Amount spent on maintenance in lac:

i) ICT	0.86 lac
ii) Campus Infrastructure and facilities	59.03 lac
iii) Equipments	1.53 lac
iv) Others	12.64 lac
Total:	74.06 lac

Criterion – V

5. Student Support and Progression

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

5.2 Efforts made by the institution for tracking the progression.

- ❖ 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 (2017-18)

UG	PG	Ph. D.	Others
586	1882	-----	Nil

(b) No. of students outside the state

2135

©

277

Men

No	%
1464	59.31

Women

No	%
1004	40.68

Category wise distribution of the students.

Last Year (2016-167)						This Year (2017-18)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1014	65	853	224	Nil	2156	1069	129	959	311	Nil	2468

Demand ratio: 3:2

Dropout %: 0.008

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

1. A batch of 40 students was provided coaching for NET exam by the faculty of Department of Pathology.

No. of student's beneficiaries:

40

5.5 No. of students qualified in these examinations.

NET

06

SET/SLET

--

GATE

02

CAT

--

IAS/IPS etc

--

State PSC

UPSC

Others

04 students cleared HNBGU M.Sc. entrance exam.

5.6 Details of student counseling and career guidance (2017-18).

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 **02 guest 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 04 industrial trainings were organised for about 24 students during the year.

Two industrial visits were organised for 28 students.

"Start-Up Seminar" was organised in collaboration with PHD Chamber of Commerce & Industry- State Chapter of Uttarakhand and Directorate of Industry, Govt. of Uttarakhand in which 60 students took part & were benefitted.

No. of students benefitted

232

5.7 Details of campus placement (2017-18)

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations visited	Number of students participated	Number of students placed	Number of students placed
01	14	00	37

5.8 Details of gender sensitization programmes.

- Women's day was celebrated in the college where in senior lady faculty discussed the social issues with the girl students.
- One day seminar on 'Women empowerment and legal awareness' was jointly organised with the District Legal Authority, Dehra Dun on 06/06/2018. Large number of students and local residents of adjoining rural areas participated.
- Secretary, District Legal Authority highlighted various laws to protect women from exploitation and to safeguard their interest.
- Govt. Officials from various departments like Health, Social Welfare, Women & Child Development, UREDA, Agriculture and Revenue also interacted with participants.

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 (2017-18)

Scholarship	Number of students	Amount
Financial support from institution (Dolphin Educational Society) in the form of free ships and scholarships		3212767.090
Financial support from government		Cannot be estimated since the scholarship is directly transferred in the bank account of the students.
Financial support from other sources (DSWC)/ 1. Special scholarship @ Rs. 5000/- p.a. 2. Contribution towards students fresher's party	03	15000.00 52000.00
Number of students who received International/ National recognitions	--	--

5.11 Student organized / 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

1. Say no to drugs campaign.
2. Blood Donation camps.
3. Physiotherapy Camps and services were provided to a number of GOs & NGOs.
4. Swatch Bharat Abhiyan.
5. Felicitated the all 78 Uttarakhand board toppers with mementos and certificates.
6. Organised a drawing competition for class VI to XII in which 2200 students from 30 local schools participated.

7. Forestry department students organised the distribution of 10 species of timber plants to citizens of Doon.
8. Felicitated the all 68 outstanding school teachers from various govt. Schools of Uttarakhand with mementos and certificates.
9. Celebrate Deepawali and other festivals with under privileged children's of Bal Vanita Ashram, Raffles home and other charitable homes.
10. Distributed dress and study materials to the needy students of various schools in the villages.

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 Does the Institution has a management Information System

- 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 rooms 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. Deepak Kumar, Member
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 storing the data of ERP and web application, 2nd one is for LTSP purpose, and the remaining 02 servers are for the computer lab. The college also has 20 MBPS dedicated Internet leased line for ICT needs which is duly supported by 01 UPS of 20 KVA. There are two UPS of 15 KVA each for class rooms and labs in either block. There is an additional 5 KVA 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 thirty 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.

6.3.6 Human Resource Management

- At the end of each academic year the Management Committee reviews the existing positions and identifies personnel for various teaching and non-teaching positions. However, in case of need appointments are also made during the academic session. The management makes appointments through prescribed norms.
- At least four teachers for one course have been maintained throughout the academic year (4:1:1). However, more teachers are entrusted with the responsibility of sharing one paper owing to vast syllabus.
- Teachers are given additional responsibilities for various extra-curricular and co-curricular activities.
- Visiting and Guest faculty are engaged from other Institutes/ Universities to teach highly specialised subjects in a number of courses.
- In order to enhance capacities of staff need-based training/workshops are organised for faculty, administrative, and supportive staff.
- Recreation programmes are also organized for teaching, non-teaching and supportive staff.

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.

- 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.

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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none"> 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: <ol style="list-style-type: none"> Organise student welfare activities Help in students counseling Disburse scholarships, financial aid to the less privileged. No. of students benefitted: 453 Organise social events like fresher and farewell parties. Organise cultural events from Spic MacKay, etc. Celebration of all religious and social festivals for the hostel students.
--------------------	---

6.5 Total corpus fund generated

14, 62000.00

Reserve and Surplus as on 31/03/2018

17, 95000.00

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 counseling of the students. 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 organize 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 has been introduced from academic session 2016-17; it enables 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.

- 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 developed 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 every year plant saplings in the campus as part of Van Mahotsava Programme. These are also being distributed freely to the citizens of Doon.
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. Solar panels have been installed in the college building.
6. Initiative has been started for rain water harvesting in the college campus.
7. Campus is being converted into LED lights 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.

- The lectures of the faculty who were on leave were always substituted by another faculty of the department identified by the HOD/ Course coordinator under intimation through the Whatsapp group.
- Facility of Biometric attendance has been installed in each class room and the laboratory.
- Individual class rooms have been provided with over head LCD projection system.
- Department wise Whatsapp groups have been created. Every faculty who teaches in the department is linked in the respective groups. In addition there is one group of HOD/ Course coordinators. The Admin staff is linked in a separate group, while all Physiotherapy centres have a common group.
- The Principal, Director and the Coordinator IQAC are linked with every group.
- The above facility enables a very effective and quick sharing of information and updates on the lectures delivered and for the day to day smooth functioning of the college.
- Similarly the class coordinators have created students groups for quick dissemination of information.
- CCTV has been extended to every class room and labs.
- To inculcate the feeling of patriotism following steps have been initiated, viz.,
 1. A 'Shaurya-ki-Deewar' has been created to commemorate the PVC awardees from Indian Armed Forces,
 2. Flag post has been installed; where in the National Flag is hoisted every day,
 3. the College starts with the playing of National anthem and all religious hymns through PAS.

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

In accordance with the policy of regular up gradation of infrastructure and knowledge skills to the students and faculty the college undertook various activities in the above context,

1. 12 Class rooms have been added
2. 02 labs have been added
3. One State of art auditorium covering an area of 3500 sq ft has been constructed.
4. Books and journals worth Rs 1540336 have been added during the current year.
5. An amount of 0.86 lac has been spent on ICT
6. Rs. 59.03 lac have been spent on campus infrastructure and facilities
7. Rs. 1.53 lac has been spent for procurement of equipment
8. Rs. 12.64 lac has been spent 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.

The college management is committed for the empowerment of rural women through skill development. In this context college has successfully started a training centre in the vicinity to where women are provided the following skill development training by professionals, namely: stitching, knitting, handicraft, computer operation, beautician's course, etc. The duration of the training is six months and preference is given to the trainees from neighboring Panchyats and villages.

During the year two batches of 30 trainees each passed out successfully and many are gainfully employed.

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 completed during the year.
- Biometric attendance for students and faculty has been installed in all 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 panels
- Rain water harvesting
- Herbal garden
- Energy efficient lighting
- Safe disposal of laboratory wastes through biodegradable/ non degradable sorting and collection processes.

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
<p>Campus –</p> <p>a. Located in the SYLVAN surroundings away from the hustle bustle of the city.</p> <p>b. Well maintained with necessary facilities and infrastructure.</p> <p>c. Environment -friendly ambience with practical '0' noise and atmospheric pollution.</p> <p>Academics</p> <ul style="list-style-type: none"> • 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. 	<p>Non grant of permanent affiliation by the affiliating University. Affiliation only under section 4(f) & 46 (2) of Central University Rules 2009.</p> <p>Partial grant of 2(f) status by UGC. It deprives the college from getting any grants from UGC.</p> <p>Non recognition of Departments by Affiliating University as research centers.</p> <p>Limited option by students to the number of on-line Courses by NPTEL.</p> <p>Slow progress in identifying funding Agencies for research projects.</p> <p>Lack of International linkages.</p>

OPPORTUNITIES	CHALLENGES
<ul style="list-style-type: none"> 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. <p>Expertise of faculty to tap the corporate sector for enhanced consultancy and funding for research projects.</p> <p>High levels of interest in agencies/corporate sector to tap student potential for internships, projects and research-related activities.</p>	<ul style="list-style-type: none"> 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

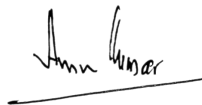
- Additional number of Workshops and conferences in different disciplines.
- Enhanced Research activities
- To develop more linkages both at National and international Level
- Strengthening NPTEL and Ag Moocs on line activities.
- Faculty development and exchange programme
- Enhance Consultancy Services
- Add on courses under IGNOU (could not be undertaken during current year)
- Create more infrastructures and a separate block for dept. of Agriculture Sciences.
- Special efforts for gainful disposal of plastic waste and its recycling.

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)



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 वेबसाइट—Website www.hnbgau.ac.in

पत्रांक:-मान्यता/7006 दिनांक.17/10/17

सेवा में,
 प्राचार्य/निदेशक/सचिव
 डालफिन पी0जी0 इन्स्टीट्यूट ऑफ वायोमेडिकल एण्ड नेचुरल साइन्सेज,
 माण्डूवाला नियर सुद्धोवाला, देहरादून।

महोदय,

निरीक्षण समिति की संस्तुति दिनांक 10.09.2017 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 (1) 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 कैमिस्ट्री-27सीट, बी0एस-सी0 वायोटेक्नोलॉजी (सी0बी0जैड0)-60सीट, 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-220सीट, बी0एस-सी0 उद्यानिकी-100 सीट, एम0एस-सी0 एग्रोनामी-30 सीट, एम0एस-सी0 भौतिकविज्ञान-30सीट, बी0काम0-120सीट एवं एम0कॉम0 पाठ्यक्रम में 40 सीट के साथ शैक्षणिक सत्र 2017-18 (एक वर्ष) के लिए अस्थाई सम्बद्धता विस्तारण की स्वीकृति निम्न प्रतिबन्धों के साथ प्रदान की गयी है।

- सभी पाठ्यक्रमों के लिए यू0जी0जी0/राज्य सरकार द्वारा निर्धारित शैक्षिक अर्हता धारक शिक्षकों की नियुक्ति करनी होगी।
- शिक्षकों को यू0जी0सी0 द्वारा निर्धारित वेतन का भुगतान एकाउन्ट पे माध्यम से करना होगा।
- 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 तथा दूसरे विश्वविद्यालय का दूरस्थ शिक्षा अध्ययन केन्द्र संचालित नहीं करेगा।
- कुलपति महोदय के आदेश/निर्देशों का पूर्णतया पालन करना होगा।
- विश्वविद्यालय द्वारा मांगी गई सूचनाओं को उपलब्ध कराने हेतु बाध्य होगा।
- निरीक्षण के समय सभी शिक्षकों/शिक्षणत्तर कार्मिकों के फार्म-16 देने होंगे।

उपरोक्त प्रतिबन्धों का अनुपालन निम्नवत करना होगा:-

- एक माह के अर्न्तगत फैंकल्टी के नियुक्ति पत्र एवं कार्यभार ग्रहण करने की सूचना विश्वविद्यालय को प्रेषित करनी होगी।
- प्रत्येक तीन माह में फैंकल्टी को किये गये वेतन भुगतान का बैंक स्टेटमेंट विश्वविद्यालय को प्रेषित करना होगा।
- स्वीकृत सीटों पर दिये गये प्रवेशों में राज्य सरकार द्वारा निर्धारित आरक्षण सहित सूची विश्वविद्यालय को तीन माह के अर्न्तगत उपलब्ध करानी होगी।
- उपरोक्त का अनुपालन न करने पर नियमानुसार कार्यवाही की जायेगी।

भवदीय
 डा0(ए. के. मोहन्ती)
 संयुक्त कुलसचिव, मान्यता

प्रतिलिपि:- 1. उपकुलसचिव परीक्षा।
 2. प्रति कुलपति, कुलपति महोदय के सादर सूचनार्थ।
 3. गार्ड फाइल।

डा0(ए. के. मोहन्ती)
 संयुक्त कुलसचिव, मान्यता

22-37

Annexure 2 letter for all courses from the affiliating university.

हेमवती नन्दन बहुगुणा गढ़वाल विश्वविद्यालय, श्रीनगर (गढ़वाल) उत्तराखण्ड – 246174
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पत्रांक: मान्यता/7006 दिनांक: 17/10/17

सेवा में,
 प्राचार्य/निदेशक/सचिव
 डालफिन पीजीओ इंस्टीट्यूट ऑफ वायामेडिकल एण्ड नेचुरल साइंसेज,
 गम्कूवाला निबर बुद्धोवाला, देहरादून।

महोदय,

निर्देशक समिति की संसृति दिनांक 10.08.2017 एवं निर्देशक समिति को संस्थान द्वारा दिये गये 28 बिन्दुओं के शपथ पत्र के आधार पर कुलपति महोदय द्वारा केंद्रीय विश्वविद्यालय अधिनियम 2009 के परिनिर्णय की धारा 11 (3) में निर्दिष्ट अधिकारों का उपयोग करते हुए अध्याय 4 (i) एवं 48 (2) के अनुसार डालफिन पीजीओ इंस्टीट्यूट ऑफ वायामेडिकल एण्ड नेचुरल साइंसेज, गम्कूवाला निबर बुद्धोवाला, देहरादून को संचालित बीएस सी 100 वनिजी 100 सीट, एमएस-सी 100 वायोटेक्नोलॉजी-33सीट, एमएस-सी 100 वायोमैनिट्री-30सीट, एमएस-सी 100 फार्मास्यूटिकल कैमिस्ट्री-27सीट, बीएस-सी 100 वायोटेक्नोलॉजी (सीओपीएडो)-60सीट, एमएस-सी 100 माइक्रोबायोलॉजी-33सीट, एमएस-सी 100 रसायन विज्ञान-40सीट, एमएस-सी 100 जलविज्ञान-40 सीट, एमएस-सी 100 वनस्पतिविज्ञान-40 सीट, एमएस-सी 100 जलविज्ञान-30 सीट, बीएस-सी 100 कृषि-22सीट, बीएस-सी 100 सहायिका-100 सीट, एमएस-सी 100 एगोवानी-30 सीट, एमएस-सी 100 भौतिक विज्ञान-30सीट, बीएस-सी 100 एमएस-सी 100 नव्युजम में 40 सीट के साथ शैक्षणिक सत्र 2017-18 (एक वर्ष) के लिए अर्धवर्षीय सम्बद्धता विवरण की स्वीकृति निम्न प्रतिबन्धों के साथ प्रदान की गयी है।

1. सभी पाठ्यक्रमों के लिए यूजीसी/राज्य सरकार द्वारा निर्धारित शैक्षणिक अर्हता धारक शिक्षकों की नियुक्ति करनी होगी।
2. शिक्षकों को यूजीसी/राज्य सरकार द्वारा निर्धारित वेतन का भुगतान एकाउंट पे माध्यम से करना होगा।
3. एमएस/एमएस/एमएस/एमएस/एमएस के छात्रों को निरन्तर आवास देना होगा।
4. इस विश्वविद्यालय से सम्बद्धता के लिए निर्धारित परिसर में किसी अन्य विश्वविद्यालय के पाठ्यक्रम संचालित नहीं किये जायेंगे तथा दूसरे विश्वविद्यालय का दूरस्थ शिक्षा आयोजन केंद्र संचालित नहीं करेगा।
5. कुलपति महोदय के आदेश/निर्देशों का पूर्णतया पालन करना होगा।
6. विश्वविद्यालय द्वारा मांगी गई सूचनाओं को उपलब्ध करने हेतु बाध्य होगा।
7. निर्देशक को समय सभी शिक्षकों/शिक्षणोत्तर कार्मिकों के फार्म-18 देने होंगे।

उपरोक्त प्रतिबन्धों का अनुपालन निम्नवत करना होगा:-

1. एक माह के अन्तर्गत पीपीटी को नियुक्ति पत्र एवं कार्यभार ग्रहण करने की सूचना विश्वविद्यालय को प्रेषित करनी होगी।
2. प्रत्येक तीन माह में फैकल्टी को किये गये वेतन भुगतान का बैंक स्टेटमेंट विश्वविद्यालय को प्रेषित करना होगा।
3. सर्वोद्वृत्त सीटों पर दिये गये प्रवेशों में राज्य सरकार द्वारा निर्धारित आरक्षण सहित सभी विश्वविद्यालय को तीन माह के अन्तर्गत उपलब्ध करानी होगी।
4. उल्लेखित का अनुपालन न करने पर नियमानुसार कार्यवाही की जायेगी।

प्रतिनिधि:- 1. उपकुलसचिव पत्रिका।
 2. प्रति कुलपति, कुलपति नन्दन के सदर सचिव।
 3. गार्ड फाइल।

संयुक्त कुलसचिव, मान्यता

संयुक्त कुलसचिव, मान्यता

Annexure 3. Academic calendar of the Institute for the year 2017-18.

**DOLPHIN (PG) INSTITUTE OF BIO-MEDICAL & NATURAL SCIENCES
MANDUWALA, DEHRA DUN, UTTARAKHAND, INDIA**

ACADEMIC PLANNER (2017-18)			
S.No	Date (s)	Day(s)	Event
1.	20 th July. 2017	Thursday	Commencement of Classes (UG/PG) Courses
2.	2 nd August, 2017	Wednesday	Reporting of New students of B.Sc. Agriculture
3.	15 th Aug. 2017	Tuesday	Independence Day
4.	16 th August, 2017	Wednesday	Reporting of New students of all other courses
5.	9 ^h to 11 th October, 2017	Monday to Wednesday	1 st University Sessional exam for semester courses
6.	27 th to 30 th November, 2017	Monday to Thursday	2 nd University Sessional exam for semester courses; 1 st internal exams for Annual courses
7.	12 th December, 2017 (Tentative)	Thursday	University Examination
8.	15 th Jan. 2018 (Tentative)	Monday	New Semester Begins
9.	26 th Jan 2018	Friday	Republic Day Celebration
10.	17 th Feb 2018 (Tentative)	Saturday	Annual Day Celebration
11.	5 th to 8 th March, 2018	Monday to Thursday	1 st University Sessional exam for semester courses; 2 nd internal exams for Annual courses
12.	23 rd to 25 th April, 2018	Monday to Wednesday	2 nd University Sessional exam for semester courses
13.	14 th to 19 th May, 2018	Monday to Saturday	Pre University Examinations (Annual Courses)
14.	25 th May, 2018 (Tentative)	Thursday	University Examination

LIST OF HOLIDAYS (2017-18)

S.No.	Date	Day	Holiday on Occasion of
1.	7 th Aug. 2017	Monday	Raksha Bandhan
2.	15 th Aug. 2017	Tuesday	Janamashtami
3.	2 nd Sept. 2017	Saturday	Id-ul-Zuha
4.	30 th Sept. 2017	Saturday	Dussehra
5.	2 nd Oct. 2017	Monday	Gandhi Jayanti
6.	16 th to 21 st Oct. 2017	Monday to Saturday	1 st Term Break (Including Deepawali)
7.	4 th Nov. 2017	Saturday	Guru Nanak Birthday
8.	25 th Dec. 2017	Monday	Christmas Day
9.	14 th January 2018	Sunday	Makar Sankranti
10.	13 th February, 2018	Tuesday	Maha Shivratri
11.	1 st to 3 rd March 2018	Thursday to Saturday	2 nd Term Break (Including Holi)
12.	25 th March 2018	Sunday	Ram Navami
13.	14 th April 2018	Saturday	Ambedkar Jayanti
14.	15 th June, 2018	Friday	Idul Fitr* *Subject to appearance of Moon

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

2. Summer vacation can be availed between 1st June, 2018 to 15th July, 2018 (20 days on rotation).

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

Annexure – 4: Summary of UG students' feedback for the academic session 2017-18

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	1. Dr. Richa Agarwal was advised to improve her explanation skills and also to increase interaction with the students.
5	BPT 2 nd year	Good	No
6	BPT 3 rd year	Good	No
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	1. Mr. Kuldeep Joshi was asked to improve his interaction with the students. 2. Dr. Rashmi Chamoli was advised to improve the explanation skills as students found it difficult to understand the content. 3. Students were not satisfied by the teaching of Ms. Hemlata Bhatt. She was asked to improve her teaching skills.
15	B.Sc. Forestry 2 nd year	Good	No
16	B.Sc. Forestry 3 rd year	Good	1. Ms. Hemlata Bhatt was asked to improve her communication and explanation skills as students were not satisfied by her teaching.
17	B.Sc. Forestry 4 th year	Good	No
18	B.Sc. Agriculture 1 st year	Good	1. Students were unsatisfied by the teaching of Dr. Anil Panwar. He was advised to bring changes in his teaching. Also Mr. Upendra Dwivedi was assigned to take tutorials.
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	Good	1. Dr. Anil Panwar's teaching was not satisfactory so Dr. Pallavi was asked to take tutorials to improve the understanding of the topics taught. 2. Dr. C. S. Pandey took tutorial classes to clear the doubts of the students as Dr. A.K. Yadav's teaching was not being understood by the students.
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 2017-18.

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

Annexure

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
