

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

**Annual Quality Assurance Report
(AQAR) of the IQAC
(Year of Report: 2015-16)
(01/08/2015-31/07/2016)**

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:

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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)

2015-16

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)

1.9 Institutional Status

University	State	<input type="checkbox"/>	Central	<input checked="" type="checkbox"/>	Deemed	<input type="checkbox"/>	Private	<input checked="" type="checkbox"/>
Affiliated College	Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>				
Constituent College	Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>				
Autonomous college of UGC	Yes	<input 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 type="checkbox"/>	Women	<input type="checkbox"/>		
	Urban	<input type="checkbox"/>	Rural	<input checked="" type="checkbox"/>	Tribal	<input type="checkbox"/>		
Financial Status	Grant-in-aid	<input type="checkbox"/>	UGC 2(f)	<input checked="" type="checkbox"/>	UGC 12B	<input type="checkbox"/>		
	Grant-in-aid + Self Financing	<input type="checkbox"/>	Totally Self-financing	<input checked="" type="checkbox"/>				

1.10 Type of Faculty/Programme

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

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.

02

Faculty

08

Non-Teaching Staff /Students

04

Alumni

01

Representative from Industry

02

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.	08	International	x	National	01, Sponsored by NAAC	State	x	Institution Level	07
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(ii) Themes

1. The IQAC conducted a 2-day NAAC sponsored National Seminar on “*Quality Enhancement through Innovative Practices in Teaching, Learning and Evaluation*” on **23rd - 24th November 2015**. Numbers and diversity of participants: Total participants: 149; Participants from outside Uttarakhand: 23. States: 05; Universities: 19; Colleges: 50.

Education is the key to the task of nation building as well as to provide requisite knowledge and skills required for sustained growth of the economy and to ensure overall progress. Our Vision is to realize India’s human resource potential to its fullest, with equity and excellence. Three pillars of education are expansion, inclusion and excellence. It aims at creating citizens equipped with necessary knowledge, skills and values to build an inclusive, just and progressive scythe.

The quality of a higher education system may be seen from the point of view of norms and standards, which may evolve depending on the need of the hour. The alternative dynamics for teacher preparation and the sustaining quality in teacher input, like: Curriculum design and development; Curricular practices vis-à-vis Evaluation of learner’s performance and progress vis-à-vis curriculum evaluation; and, Quality management practices become crucial.

The quality of these components may also differ from institution to institution. Therefore, sharing of the experiences among institutions on quality issues may generate ideas for evolving norms and strategies for their quality assurance of management processes, curricular inputs and practices and the evaluation system as well.

Hence, the present Seminar, which has been organized by the IQAC of this Institute under the auspices of NAAC, Bangalore truly fulfils the above requirements and expectations for moving forward in improving the quality of Higher Education System- the preamble to the aims and objectives of all the HEI in our country.

2. One day seminar for sensitization of hostel staff including wardens towards the handling of student’s day to problems.

3. 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.

4. Conducted two one day Faculty and staff development programme.

6. Conducted one day seminar each to acquaint the faculty the newly introduced ICT programme, namely, NPTEL video lectures database, conducting of on-line video lectures and their add on on-line courses.

7. Another one day seminar was held for faculty to apprise them with the procedural details of accessing INFLIBNET database of books and journals.

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 through the year.

In light of the suggestion by IQAC regarding the incentive to young faculty to engage them in more extensive research the Management Committee created a seed fund of approx. Rs. Ten lac for faculty to initiate the research projects within various departments.

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 2016.

The IQAC conducted a 2-day NAAC sponsored National Seminar on “**Quality Enhancement through Innovative Practices in Teaching, Learning and Evaluation**” on 23rd and 24th November 2015. **Numbers and diversity of participants:** Total participants: 149; Participants from outside Uttarakhand: 23. States: 05; Universities: 19; Colleges: 50.

IQAC took initiatives to create more avenues for students to engage in community services by introducing programme Scouts & Guides and Youth red Cross (a wing of Red Cross Society of India for the youth). It also took initiative in organizing health camps, Physiotherapy camps, etc. in the neighboring villages and Gram Panchyats.

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 an NGO from Delhi.

Creating awareness among students to ecological and environmental issues through celebrations of Environment & Biodiversity Day, and Wildlife week.

The IQAC also took keen initiative for honoring the outstanding faculty in various academic and research fields annually on teachers’ day.

Seminars and invited talks arranged on contemporary topics.

Encouraged the faculty members to pursue research in their respective field of study.

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.

The IQAC took keen initiative in taking action for set up of subsidized Pathology Laboratory in the campus for the benefit of the residents of the neighboring Gram Panchayats), which shall be jointly managed by the faculty and students to inculcate the concept of ‘earn while learn’.

The IQAC also explored the proposal for enhancing the ‘consultancy’ for the Institute from various Industries.

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
<p>A. Enhancing skill development of the students and faculty.</p> <p>i. NAAC sponsored National Seminar on “<i>Quality Enhancement through Innovative Practices in Teaching, Learning and Evaluation</i>”</p>	<p>A 2-day NAAC sponsored National seminar on “<i>Quality Enhancement through Innovative Practices in Teaching, Learning and Evaluation</i>” was conducted by the IQAC of the college under the auspices of NAAC, Bangalore on 23rd and 24th Nov, 2015.</p> <p>Numbers and diversity of participants: Total participants: 149; Participants from outside Uttarakhand: 23. States: 05; Universities: 19; Colleges: 50.</p> <p>DAY-1: Besides the Key note address by Prof. Aiejaz Masih, Department of Education, Jamia Millia Islamia University, Okhla, New Delhi, a total of four guest lecturers were delivered by eminent educationists from across the country and covering varied topics under the seminar theme. The key note address focused on individual teacher’s role in teaching, learning and evaluation. While Prof. Arya Kumar in his lecture emphasized on the challenges phased in higher education.</p> <p>DAY-2: A Highly innovative and informative Quiz through software was organized by Prof. D.N. Sansanwal on “<i>Research methodology</i>”. The competition included various topics like hypothesis, statistical analysis, tools etc. all participants were encouraged to participate in it. Lecture on “<i>Role of IQAC</i>”, by Dr. C.D. Suntha, Principal, Government P.G. College, Champawat, and Coordinator, State Level Quality Assurance Cell (SLQAC), Uttarakhand was very popular with participants. He also touched on the subject of how to prepare for NAAC accreditation and the SSR.</p> <p>Poster presentation by the participants was organized and 1st & 2nd prizes were awarded.</p> <p>The seminar concluded with the distribution of Certificates to the participants.</p> <p>The programme was designed to develop ideas on innovation based industries among the participants, which numbered 54.</p>
<p>ii. The EDP Cell of the Institute in association with (a) Industries Association of Uttarakhand, & (b) Drug Manufacturing Association, Uttarakhand undertook a six days workshop on “Startup India” from 25th to 30th April 2016.</p>	<p>37 participants from various Colleges, Universities and Industries from Uttarakhand attended the training. The event was divided into four lectures and three practical sessions.</p> <p>A preconference training manual for the participants was released in the inaugural of the workshop.</p>

iii. Departments of Chemistry & Pharmaceutical Chemistry together organized two days ' <i>Workshop cum Hands-on Training on HPLC & Column Chromatography</i> ', on 6th and 7th May, 2016.	
iv. National symposium on "Advances in Zoology & Applied Sciences" organized by the Department of Zoology on 7th & 8th April 2016.	The major objective of this symposium was to provide platform and an opportunity to post graduate students, young researchers and faculty of the concerned area to interact with senior scientists and academicians and exchange views. The symposium covered the molecular and taxonomic aspects, faunal biodiversity assessment and formulation of conservation priorities and policies. The symposium led up gradation of knowledge of the students on various frontiers of zoology, idea generation for research in the field of zoology by active discussion among the students and the academicians.
iii. Through Continuous medical Education Programme (CME)	Three workshops of 02 days each and one of one day duration were conducted by Department of Physiotherapy under the CME programme.
B. Enhancing Research Activities	
i. To encourage various departments to apply for major and minor projects.	Various departments are undertaking funded research projects from GOI & State Govt. individually, as well as in collaboration with other Govt. organisations.
ii. To publish research papers, books and conference proceedings of the teachers belonging to various disciplines.	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.
iii. To provide financial incentives to the faculty for publishing quality research papers and books.	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.
iv. 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.	An amount of Rs. 30000.00 was disbursed to the faculty during 2015-16 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	The ERP has been implemented in the college during the current academic year (2015-16). Individual desk top computers with internet connectivity have been provided to every faculty.

Installation of CCTV camera's in the Girls hostel and college premises.	The CCTV cameras have been installed in the Manduwala GH and the College building during the current academic year.
Extension and strengthening of computer lab and Wi-Fi net work.	The Wi-Fi network has been provided in the whole campus as well as to the Manduwala GH. The dedicated internet line has been enhanced to 07 MBPS.
Provision of INFLIBNET facility	The college has become a member of this ICT facility. Every faculty has been provided access to the INFLIBNET on line data base by providing them direct connectivity to INFLIBNET data base especially a large number of e-journals and e- books.
Extension of the Stack room and the reference section in the central library.	The work has been completed. The stack room has been extended and 10 additional book racks have installed.
C. Co-curricular activities: Encourage the students to participate in various State/ National/ International sports events.	NISHANT GARG, B.PT. 2nd year made all of us proud when he was selected as member Indian Team (Men) for the World Inline Hockey Championship in Italy from 19th to 25th June 2016. He brought laurels not only to the Institute but to the whole country.
Bharat Scouts and Guides Workshop	3-day workshop of Bharat Scouts & Guides on "State Strategic Plan Vision 2024" was conducted in the Institute from 18th to 20th June 2016. 37 Trainers and Guides from 13 different districts of the State participated on the workshop.
Bharat Scouts and Guides International Meet	Bharat Scouts & Guides is organizing their Golden Jubilee International meet to be held at Pune from 16th to 22nd October 2016. In this event participants of 29 countries will take along with participants from India. Four girl students (Scout Rangers) from Dolphin Institute have been selected to attend the above meet, 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. These students have been sponsored by Bharat Scout & Guides for participation in the meet.
Alumni Association	1. Elections for the new office bearers of Dolphin Alumni Association were held during the current session. 2. The Alumni association conducted its annual meet on 4 th June 2016. 3. More than 150 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-1).

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 2014 – 2015 were implemented over this academic year, such as:

- The installation of ERP system has set the tone for an enhanced and efficient output in communication, academic tie-ups and collaborative knowledge development and would generate greater academic rigor on campus.
- The college has taken up the membership of NLIST-INFLIBNET to provide adequate access to the faculty and students to the e-journals and e-books.
- By obtaining the status of Local chapter NPTEL-IIT Madras the college has taken a major leap forward in introducing ICT learning in a big way for its students,
 - ❖ The college has created a huge data base of the video lectures provided by IIT Kanpur. It is being updated via SPOCH at the College. The lectures are being delivered in the class rooms of the concerned departments and respective courses.
 - ❖ The college is also offering the facility of add on on-line courses offered by NPTEL from time to time.
- Training programmes/capacity building sessions for faculty and non-teaching staff create an efficient and smooth functioning of the respective offices.

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	08	-----	10	--
UG	03	---	04	---
PG Diploma	00	---	----	----
Advanced Diploma	00	--	----	---
Diploma	00	--	----	---
Certificate	00	---	---	----
Others	Paramedical Sciences: 05 (02 PG & 03 UG)	---	05	---
Total	19	03	22	---

Interdisciplinary	19	02	21	---
Innovative	00	01	---	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	13
Trimester	00
Annual	06

1.3 Feedback from stakeholders*

(On all aspects)

Alumni ☒ Parents ☒ Employers ☒ Students ☒

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

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

Annexure – 5 & 6.

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
71	42	24	04	01

2.2 No. of permanent faculty with Ph.D.

38

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	10	--	---	---	03	---	01	15	14

2.4 No. of Guest/ visiting faculty and Temporary faculty

11

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Conferences	04	27	16
Presented papers	--	02	----
Resource persons in Conferences	01	01	----
Resource persons in Hands-on-training	---	01	--

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.
- * 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.
- * Enhancement in ICT learning by starting NPTEL programm and add on courses.

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

223

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

- Examination & evaluation conducted as per University norms.
- However, for evaluation in internal marks allotted to the College different methods of assessing the students are adopted – 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

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2.10 Average percentage of attendance of students

81.00

2.11 Course/Programme wise distribution of pass percentage:

University result at a Glance: Session 2014-2015 (U.G.) (Final Year)

S. NO.	Class	Total no. of students appeared	Passed with Distinction	%age	Pass with 1 st Div. Students	%age	Pass with 2 nd Div. Students	%age	Pass with 3 rd Div. Students	%age	F a i l	%age	Result Awaited / Result Late
1.	B.Sc. Biotechnology	26	03	11.54	10	38.46	05	19.23	01	3.85	-	-	07 Back
	B.Sc. Medical Lab Technology	48	08	16.67	33	68.75	07	14.58	-	-	-	-	-
3.	B.Sc. Medical Microbiology	29	11	37.93	18	62.07	-	-	-	-	-	-	-
4.	Bachelor of Physiotherapy	31	-	-	11	35.48	07	22.58	-	-	06	19.35	01 R.L. 06 Back
5.	B.Sc. Forestry	79	20	25.32	55	69.62	04	5.06	-	-	-	-	-
6.	B.Sc. Agriculture	54	27	50.00	27	50.00	-	-	-	-	-	-	-

University Result as a Glance: Session 2014-2015 (P.G.) (Final Year)

S.No.	TITLE OF THE PROGRAMME	TOTAL NO. OF STUDENTS APPEARED	OUT STANDING	MIDDLE FIRST	LOWER FIRST	HIGH SECOND	MIDDLE SECOND	PASS %
			8.5	8.5 -7.5	7.5 – 6.5	6.5 – 5.5	5.5– BELOW	
1.	M SC MICROBIOLOGY	32	-	56.25	43.75	-	-	100
2.	M.Sc. BIOCHEMISTRY	30	-	70.00	30.00	-	-	100
3.	M.Sc. BIOTECHNOLOGY	14	-	42.86	57.14	-	-	100
4.	M.Sc. BOTANY	27	-	81.48	18.52	-	-	100
5.	M.Sc. CHEMISTRY	19	-	68.12	31.58	-	-	100
6.	M.Sc. PHARMACEUTICAL CHEMISTRY	10	-	90.00	10.00	-	-	100
7.	M.Sc. ZOOLOGY	30	-	96.67	3.33	-	-	100
8.	M.Sc. FORESTRY	11	-	-	100.00	-	-	100

CGPA		Class	
8.5 and Above		Outstanding	
7.5. and above but less than 8.5		Middle First	

6.5 and above but less than 7.5	Lower First
5.5 and above but less than 6.5	High Second
4.5 and above but less than 5.5	Middle Second
4.0 and above but less than 4.5	Lower Second
Less than 4.0	Fail

S. NO	Class	No. of students appeared	Passed with Distinction	% age	Pass with 1 st Div. Students	% age	Pass with 2 nd Div. Students	%age	Pass with 3 rd Div. Students	% age	Fail	% age	Result Awaited / Result Late
1.	M.P.T: Ortho	09	01	11.11	05	55.56	03	33.33	-	-	-	-	-
2.	M.P.T: Neuro	05	01	20.00	03	60.00	-	-	-	-	-	-	01 Back

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:

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	-
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	56
Faculty exchange programme	-
Staff training/ conference/ seminars conducted by the University	-
Staff training/ conference/ seminars conducted by other Institutions	47

Conference/ Workshop/ Seminars conducted by the Institution	20
Summer / Winter schools, Workshops, etc.	19
Others (preparing for conducting NPTEL video lectures and INFLIBNET data base on e-journals and books)	51

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	93	03	28	---
Technical Staff (including Lab/ Physiotherapy centers)	31	02	02	----

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.

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.
- 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 faculty for attending any of the above.
- Motivating the faculty for writing and publishing research related articles. Scheme for incentives in the form of cash award/ advance increment to the faculty for writing books, chapters and research papers in journals of repute.

3.2 Details regarding major projects:

	Completed	Ongoing	Sanctioned	Submitted
Number	01
Outlay in Rs. Lakhs	26.08

3.3 Details regarding minor projects:

	Completed	Ongoing	Sanctioned	Submitted
Number	02	01
Outlay in Rs. Lakhs	12.68	8.30

3.4 Details on research publications

Category	International	National	Others
Peer Review Journals	33	01	----
Non-Peer Review Journals	---	---	----
e-Journals	26	----	----
Conference proceedings	---	-----	----

3.5 Details on Impact factor of publications:

Range 0.245-6.39 Average 2.30 h-index 249 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	24.02.14-23.02.17	DBT	2600008.00	638000.00
Minor Projects 1	23.02.13-22.02.17	USBD	830000.00	200000.00
Interdisciplinary Projects	--	--	--	---
Industry sponsored	---	---	---	----
Projects sponsored by the University/ College	---	----	---	----
Students research projects (other than compulsory by the University)	-----	----	----	----
Any other(Specify)	----	----	---	---
Total	02 projects	02	3438000.00	838000.00

3.7 No. of books published: 07

(a) Pre-conference Proceedings : 04

i) With ISBN No.	00	ii) Without ISBN No.	04
------------------	----	----------------------	----

(b) Post-conference Proceedings: 01

i) With ISBN No.	01	ii) Without ISBN No.	00
------------------	----	----------------------	----

(c) Training Manual: 02

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

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

1423500.00

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

Level	International	National	State	University	College
Number	02	03	00	05
Sponsoring agencies	NAAC, UCOST,	Self + Industries Association of Uttarakhand and Drug Manufacturers Association of Uttarakhand	----	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

838000.00

From Management of University/College

500000.00

Total:

1303800.0

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	Nil
	Granted	TEFAC, New Delhi
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
Nil	-	-	-	-	-	-

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

06

11

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

01

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

JRF

02

SRF

00

Project Fellows

00

Any other

00

3.21 No. of students Participated in NSS events:

University level

100

State level

National level

International level

3.22 No. of students participated in NCC events:

University level

State level

National level

International level

3.23 No. of Awards won in NSS:

University level

State level

National level

International level

3.24 No. of Awards won in NCC:

University level

State level

National level

International level

3.25 No. of extension activities organized

University forum	0	College forum	17
NCC	---	NSS	02
		Scouts & Guides	03
		Youth Red Cross	02

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

- The College launched “Nai Pahal” – A De-addiction programme in collaboration with a NGO called ‘Shafa Home’ from New Delhi. It is a awareness programme on the effect of addiction to drugs, alcohol, etc on the psychological, social, financial and physical aspects of the addicts.
- Student of Dolphin Institute participated in ‘International Day Against Drug Abuse’ organized by Uttarakhand Police & the local Administration at Gandhi Park, Dehra Dun, Uttarakhand on 26th June 2016.
- Dolphin Red Ribbon Club organised a two days Peer Education Camp on HIV/ AIDS awareness. A blood donation camp was also organised on the occasion.
- Under the auspices of NSS World cancer Day was observed by arranging a guest lecture on “Basics of Cancer”.
- The department of Biochemistry celebrated World Immunology Day on 29th April 2016 in collaboration with the Indian Immunological Society of India. The faculty members and students of various departments took active part and discussed the applications of immunology in various fields, such as the diagnosis and therapy.
- On the occasion of ‘World Health Day’ on 7th April 2016, Department of Chemistry in collaboration with India Book of Records and Indo-Vietnam Medical Board organized a talk by Dr. Suman Rawat, Faculty in the institute and a certified diabetes educator. She presented myth- busting facts in an hour long session on “Diabetes Type I & II Cure in 72 hours” during the seminar.
- Institute has 05 functional Physiotherapy health centres functioning with different charitable hospitals and Lions club.
- Three Physiotherapy camps were conducted by the College in the neighbourhood villages of the college campus.
- Institute also has an allopathic OPD within the campus for providing basic medical facilities to the residents of adjoining Gram Panchyats.
- Institute organized 03 Blood donation camps in campus jointly with IMA Blood Bank, Doon Hospital and News Daily, *Amar Ujala*.
- Institute has adopted a school for poor children, Sarswati Vidya Mandir, where children were granted annual scholarships.

- Implementation of the Scholarship scheme for Girl students of the State, named “ *Mahamaya Ma Balasundari Chatra Vriti Yojna* ”. The girl students from class I to XII are eligible for the scholarship @ Rs. 200 to 700/= p.m. An amount of Rs. 000000.00 was provided to various school girls up to 31/03/2016. The scheme was officially launched by the Honb’le Chief Minister of Uttarakhand, Shri Harish Rawat on 05/08/2015.
- Yoga Shivar was organized in the premises of the Dolphin Institute on the occasion of the 2nd International Yoga Day on 21st June, 2016. It was organized by Dolphin Student’s Welfare Council (DSWC). Shri Arvind Gupta, Chairman of the Institute, faculty, staff & students participated in the yoga shivar.
- A six days workshop on ‘*Entrepreneurship Development Programme*’ in association with Industries Association of Uttarakhand & Drug Manufacturing Association, Uttarakhand was conducted by the Entrepreneurship Development Cell of the College.

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 (1688 8sq. mt.)	One more Agri. Farm land on lease	Self financed	4.5 acres (16888 sq. mt.) + Agri. farm land
Class rooms	46	02		48
Laboratories	29	00		29
Seminar Halls	02	02 (one completely renovated)		02
No. of important equipments purchased (\geq 1-0 lakh) during the current year (2015-16)		(i) UV Spectrophotometer Double Beam	2,22,075.00	01
		(ii) Haematology Analyser	4,90,000.00	01
		(iii) Spectrophotometer Single Beam	47363.00	01
		(iv) LCD Projector	198000.00	02
		(v) Autoclave	67808.00	01
		(vi) Incubator	105000.00	03
		(vii) Orbital Shaking Incubator	150000.00	01
		(viii) Deep Fridge	45000.00	01
		(ix) Lab fermenter	275000.00	01
Value of the equipment purchased during the year (Rs. in Lac)	1600246.00			

Others (furniture, office equipment, vehicle, etc)		(i) Electrical Panel (ii) Electrical cable (iii) Construction of New Block on 3 rd floor (iv) Buses purchased (v) Renovation computer Lab and purchase of new computers (vi) CCTV Installation (vii) Carpentry work in offices and labs (viii) Water cooler for girls hostel (ix) Air conditioning work in auditorium	291995.00 146861.00 10223772.00 2996000.00 2406895.00 602787.00 1334033.00 71000.00 359348.00	02
Value of the (furniture, office equipment, vehicle, etc) purchased during the year (Rs. in Lac)	18432691.00			

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.

(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 through intranet to every department.
10. Started planning a digitized repository in the central library.

4.3 Library Services (2015-16)

	Existing		Newly added (April 2014- march 2015)		Total (in Rs.)	
	No.	Value	No.	Value	No.	Value
Text Books	18038	Rs.6715986.47	1377	Rs.441,821	19,415	Rs.7157807.47
Reference Books	899	Rs. 1628592.58	115	Rs 85895.00	1014	Rs. 1714487.58
e-Books	182					
Journals	36	Rs.100944.00	13	Rs. 55,533.00	49	Rs.156477.00
e-Journals	01	Rs.5000.00				
Digital Database		Rs. 50,000.00				
CD & Video	317	Rs. 9,682.00	45	Nil	362	Rs. 9,682.00
Others (Project reports)	955		765	Nil	1720

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centers	Computer Centers	Office	Departments	Others
Existing	150	02	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	02	07 mbps internet leased line	01+02	02	01	All	As above

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

1. Faculty were provided training on ERP programme for its effective application.
2. Faculty were trained on using Open Source Software.
3. Faculty were 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.

4.6 Amount spent on maintenance in lac:

i) ICT

127937.00

ii) Campus Infrastructure and facilities

1203756.00

iii) Equipments

133712.00

iv) Others

2503739.00

Total:

3969144.00

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 individual students of all classes.

5.3 (a) Total Number of students (2015-16)

UG	PG	Ph. D.	Others
1390	501		

(b) No. of students outside the state

1407

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

154

Men

No	%
1080	57.11

Women

No	%
811	42.89

Category wise distribution of the students.

Last Year (2014-15)						This Year (2015-16)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
856	46	537	180	02	1621	938	55	687	211	Nil	1891

Demand ratio: 3:2

Dropout %: 0.0097

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

1. A batch of 29 students were provided coaching for NET exam by the faculty of Departments of Chemistry and Pathology.
2. Students of B.Sc. Forestry VIII semester provided question bank for ICAR-JRF exam by the faculty of Forestry Department.

No. of students beneficiaries

75

5.5 No. of students qualified in these examinations.

NET	--	SET/SLET	--	GATE	01	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 Counseling 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

315

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)	53	32	09

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

5.10 Scholarships and Financial Support.

	Number of students	Amount
Financial support from institution (Dolphin Educational Society)	358	1790500.00
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. Monthly scholarship @ Rs. 200/= p.m. 2. Special scholarship @ Rs. 5000/- p.a. 3. Contribution towards students fresher's party. 4. Stipend for poor girl students from other schools	560 05	112000.00 25000.00 50000.00 1062700.00
Number of students who received International/ National recognitions	01	N/A

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. 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.

6.3.3 Examination and Evaluation

- ❖ 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.

In addition, various faculties are also registered by the affiliating HNB Garhwal Central University, Srinagar, Garhwal as research guides (co-guides) to guide D.Phil. research in collaboration with the faculty from the University.

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. Sovan Bagchi, 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 2015-16.
2. *Creating advanced ICT facilities* like NPTEL and INFLIBNET 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 which 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.

Since the accreditation Institute has also added one more charitable Physiotherapy Health centre on the demand of the civil society in the neighborhood.

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 scientists 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	<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 • Uniforms for the supportive staff • Financial aid to educate the children of supportive staff • Festival advance • 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"> 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

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	Yes	IQAC

		team visited college from April 5-6, 2011		
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?

Nil.

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. Starting an additional 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 prepared a proposal for 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 students of forestry department has planted saplings of *Amaltash* and *Gulmohar* 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.

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.

- Subject teachers have been assigned to prepare a soft as well as hard copy of the study material as per the syllabus both for the theory as well as practical classes.
- It is proposed to upload the above study material in soft copy (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 through grading system of the students. Weak students are helped to improve their grading through extra efforts on the part of the subject teacher.
- 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.
- 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 compliment of video lectures approx. 08 terabytes by NPTEL has been obtained from IIT, Kanpur.
- An index of these lectures has been 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.
- 15 -20 students from various departments have successfully completed a 20 hr on-line courses on " Application of Spectroscopic methods in Molecular structure determination ", " Fundamentals of Electronic material and devices" and " Weather forecast in agriculture and agro advisory" conducted by NPTEL and AGMOOCs respectively.
- SPOC and mentors were certified by NPTEL.
- NLIST-INFLIBNET on-line library services have been made 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 have been installed in the campus with a centralised monitoring system to more effectively administer the day to day working and discipline in the college and the girls hostel.

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

- Conducted National level Workshop ***“Quality Enhancement through innovative Practices in Teaching, Learning and Evaluation”*** (23rd & 24th November, 2015) under the aegis of NAAC. Numbers and diversity of participants: Total participants: 149; Participants from outside Uttarakhand: 23. States: 05; Universities: 19; Colleges: 50.
- The workshop was sponsored by NAAC, Bangalore.
- ED Cell of the college conducted a 06 days’ workshop from 25th -30th April 2016 under the theme: Start-Up India. The workshop was conducted in association with Industries association of Uttarakhand and Drug Manufacturers Association of Uttarakhand.
- Three CME workshops were conducted during the academic year.
- Additional Land for field work for Agriculture students has been arranged on the lease basis.
- Allocation of Department vies Budget grant was made and its expenditure was monitored through IQAC.
- ERP has been implemented.
- Repository created in the Library.
- College has been nominated as Local chapter by NPTEL, Madras and IISc, Bangalore.
- Add-on on-line courses by NPTEL have been incorporated in the curriculum.

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:

(i) Conducted National level Workshop ***“Quality Enhancement through innovative Practices in Teaching, Learning and Evaluation”*** (23rd & 24th November, 2015) under the aegis of NAAC. Numbers and diversity of participants: Total participants: 149; Participants from outside Uttarakhand: 23. States: 05; Universities: 19; Colleges: 50.

The workshop was sponsored by NAAC, Bangalore.

(ii) ED Cell of the college conducted a 06 days’ workshop from 25th -30th April 2016 under the theme: Start-Up India. The workshop was conducted in association with Industries association of Uttarakhand and Drug Manufacturers Association of Uttarakhand.

(iii) Conducted four two days CME Workshop on Workshop on Articular Dysfunctions & Management : Spine and Peripherals; Workshop on Integrated Stroke Rehabilitation; Workshop on basic concepts in Manual Osteopathy and Workshop on the role of Bands and Balls in Rehab and Fitness (cf. Annexure...5 for detailed list).

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.

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

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
- Rain water harvesting
- Herbal garden
- Energy efficient lighting
- Safe disposal of laboratory wastes

The water Harvesting Plan

The project intends to collect all the rain water at a low cost. A study by college faculty has been made to interconnect all the water reservoirs made out of bamboo and poly sheet. The primary intention is to succeed with the plan at low cost and initiate the village communities to do the same. The mission is to provide water to plants in the campus and save water lost during rain.

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.• Completely 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	<p>Partial grant of 2(f) status by UGC. It deprives the college from getting any grants from UGC.</p> <p>Non grant of permanent affiliation by the affiliating University.</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>

<p>dedicated faculty.</p> <ul style="list-style-type: none"> • Well-equipped labs. • Strong commitment to community, health service and social justice. • Existence of a number of Physiotherapy health centers attached voluntarily 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 levels • A large number of scholarships disbursed to students from marginalized and economically deprived section. • Meritorious students get monthly stipend. • Well-established partnerships with other higher education institutions and research institutes. • 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 all external stakeholders • Excellent placement opportunities offered • Strong support staff. 	
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. 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. 	<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

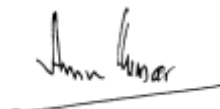
- Academic Audit
- Administration reforms
- Enhanced Research activities
- To develop more linkages both at National and international Level
- Distance learning programme for add on skill development
- Faculty development and exchange programme
- Enhance Consultancy Services
- Add on courses under IGNOU
- Create more infrastructures and a separate block for dept. of Agriculture Sciences.

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)

उप कुलसचिव

Dr. A.K.Jha

कुलसचिव

Registrar



दूरभाष (01346)-252143, 252167, 252170

फैक्स (01346)-252174, 252247

वेबसाइट-Website www.hnbg.ac.in

पत्रांक-मान्यता/ 5042

दिनांक 11-08-15

सेवा में

✓

प्राचार्य/निदेशक/सचिव

डालफिन पीओजीआईएनटीएच ऑफ बायोमेडिकल एण्ड नेचुरल साइन्सेज

माण्डूवाला नियर सुद्धोवाला, देहरादून।

महोदय,

निरीक्षण समिति की संस्तुति दिनांक 02.08.2015 एवं निरीक्षण समिति को संस्थान द्वारा दिये गये 28 बिन्दुओं के शपथ पत्र के आधार पर कुलपति महोदय द्वारा केन्द्रीय विश्वविद्यालय अधिनियम 2009 के परिनिधन की धारा 11 (3) में निहित अधिकारों का उपयोग करते हुए उपधारा 4 (1) एवं 46 (2) के अनुसार डालफिन पीओजीआईएनटीएच ऑफ बायोमेडिकल एण्ड नेचुरल साइन्सेज, माण्डूवाला नियर सुद्धोवाला, देहरादून को संचालित बी०एस-सी० चानिकी-100 सीट, एम०एस-सी० बायोटेक्नोलॉजी-33सीट, एम०एस-सी० बायोकेमिस्ट्री-30सीट, एम०एस-सी० कार्मोस्पेटिकल केमिस्ट्री-27सीट, बी०एस-सी० बायोटेक्नोलॉजी (सी०बी०जी०)-80सीट, एम०एस-सी० माइक्रोबायोलॉजी-33सीट, एम०एस-सी० रसायनविज्ञान में पूर्व स्वीकृत 20 सीट के अतिरिक्त 20 सीट की वृद्धि सहित कुल-40सीट, एम०एस-सी० जन्तुविज्ञान में पूर्व स्वीकृत 30 सीट के अतिरिक्त 10 सीट की वृद्धि सहित कुल-40 सीट, एम०एस-सी० वनस्पतिविज्ञान में पूर्व स्वीकृत 30 सीट के अतिरिक्त 10 सीट की वृद्धि सहित कुल-40 सीट, एम०एस-सी० चानिकी-30 सीट, बी०एस-सी० कृषि में पूर्व स्वीकृत 60 सीट के अतिरिक्त 60 सीट की वृद्धि सहित कुल-120 सीट, बी०एस-सी० उद्यानिकी में पूर्व स्वीकृत 40 सीट के अतिरिक्त 60 सीट की वृद्धि सहित कुल-100 सीट, एम०एस-सी० एग्रोनमी में पूर्व स्वीकृत 15 सीट के अतिरिक्त 15सीट की वृद्धि सहित कुल-30 सीट एवं एम०एस-सी० भौतिकविज्ञान पाठ्यक्रम में 30 सीट के साथ शैक्षणिक सत्र 2015-16 (एक वर्ष) के लिए अस्थाई सम्बद्धता विस्तारण की स्वीकृति निम्न प्रतिबन्धों के साथ प्रदान की गयी है।

1. महाविद्यालय को सभी पाठ्यक्रमों के लिए विश्वविद्यालय अनुदान आयोग/राज्य सरकार द्वारा निर्धारित शैक्षिक अर्हता धारक शिक्षकों की नियुक्ति करनी होगी।
2. शिक्षकों को यू०जी०सी० द्वारा निर्धारित वेतन का भुगतान एकाउन्ट पे के माध्यम से करना होगा।
3. महाविद्यालय को एस०सी०/एस०टी०/ओ०बी०सी० के छात्रों को नियमानुसार आरक्षण देना होगा।
4. इस विश्वविद्यालय से सम्बद्धता के लिए निर्धारित परिसर में किसी अन्य विश्वविद्यालय के पाठ्यक्रम संचालित नहीं किये जायेंगे।
5. महाविद्यालय को कुलपति महोदय के आदेश/निर्देशों का पूर्णतया पालन करना होगा।
6. महाविद्यालय दूसरे विश्वविद्यालय का दूरस्थ शिक्षा अध्ययन केन्द्र संचालित नहीं करेगा।
7. महाविद्यालय विश्वविद्यालय द्वारा मांगी गई सूचनाओं को उपलब्ध कराने हेतु बाध्य होगा।

भवदीय

ए० के० झा
कुलसचिव

- प्रतिनिधि- 1. उप कुलसचिव परीक्षा।
2. कुलपति महोदय के सादर सूचनार्थ प्रेषित।
3. गाई फाईल।

ए० के० झा
कुलसचिव

**Dolphin (PG) Institute of Biomedical & Natural Sciences,
Manduwala, Dehra Dun-248 007**

Academic & Extra Curricular Activities (2015-16)

S.No.	Date (s)	Day(s)	Event
1.	20 th July, 2015	Monday	Reporting of old students of all M.Sc. Courses & B.Sc. Agriculture & Forestry
2.	3 rd Aug. 2015	Monday	Reporting of old students of B.Sc. Biotechnology
3.	3 rd Aug. 2015	Monday	Reporting of New students of B.Sc. Agriculture, Forestry & Horticulture
4.	17 th Aug. 2015	Monday	Reporting of New students of all other courses
5.	21 st Aug. 2015	Friday	Conference "Raktdaan" at IMA Blood Bank
6.	4 th September, 2015	Friday	Teacher's Day Celebration
7.	7 th September, 2015	Monday	Constitution of Student Council (DSWC & Sports)
8.	8 th September, 2015	Tuesday	Physiotherapy Day (Health Camps)
9.	1 st to 3 rd October, 2015	Thursday to Saturday	Fresher's Party
10.	5 th to 7 th October, 2015	Monday to Wednesday	Wildlife Week Celebration and Wildlife Photography Contest
11.	7 th October, 2015	Wednesday	Distribution of special monthly scholarship for the month of September
12.	5 th to 7 th October, 2015	Monday to Wednesday	1 st University Sessional exam for semester courses
13.	9 th October, 2015	Friday	Inter Departmental Volleyball (M/W) in Second half
14.	10 th October, 2015	Saturday	Inter Departmental Volleyball (M/W)
15.	16 th Oct 2015	Friday	Inter Departmental Basketball (M/W) in Second half
16.	17 th Oct 2015	Saturday	Inter Departmental Basketball (M/W)
17.	22 nd -24 th Oct 2015	Thursday, Friday & Saturday	Inter Collegiate Volleyball Tournament (M/W)
18.	31 st Oct 2015	Saturday	Interdepartmental Group Discussion
19.	7 th Nov 2015	Friday	Inter Departmental Kho-Kho (M/W) in Second Half
20.	7 th Nov 2015	Saturday	Inter Departmental Kho-Kho (M/W)
21.	9 th Nov 2015	Monday	Distribution of special monthly scholarship for the month of October
22.	14 th Nov 2015	Saturday	Children's Day "Muskaan"
23.	26 th to 28 th November, 2015	Thursday to Saturday	2 nd University Sessional exam for semester courses; 1 st internal exams for Annual courses
24.	27 th Nov 2015	Friday	Blood Donation Camp in campus
25.	26 th -27 th Nov 2015	Thursday & Friday	Inter Collegiate Basketball (M) University trial
26.	28 th Nov 2015	Saturday	Inter Departmental Kho-Kho (M/W) reserve day
27.	01 st Dec 2015	Sunday	USACS Programme
28.	7 th Dec 2015	Monday	Distribution of special monthly scholarship for the month of November
29.	4 th January 2016	Monday	Notification for special scholarship of Rs. 5000/-

30.	7 th Jan 2016	Thursday	Distribution of special monthly scholarship for the month of December
31.	12 th Jan 2016	Monday	Notification for Annual Week
32.	13 th Jan 2016	Wednesday	Lohri Celebration in hostels
33.	15 th Jan 2016	Friday	Interdepartmental Debate English in Second Half
34.	22 nd Jan 2016	Friday	Interdepartmental Debate Hindi in Second Half
35.	26 th Jan 2016	Tuesday	Republic Day Celebration
36.	Decide later	-----	Spic Macay programme
37.	30 th Jan 2016	Saturday	Martyrs' Day; World Leprosy Eradication Day (visit kutha Ashrams)
38.	4 th Feb 2016	Thursday	Last Date to submit the Form for special scholarship of Rs. 5000/-
39.	5 th Feb 2016	Friday	Interdepartmental quiz competition in Second Half
40.	8 th Feb 2016	Monday	Distribution of special monthly scholarship for the month of January 2016
41.	12 th Feb 2016	Friday	Saraswati Puja
42.	12 th Feb 2016	Friday	Last date to submit the names of the participant for interdepartmental competitions and sport events
43.	12 th -13 th Feb 2016	Friday & Saturday	Farewell Party
44.	22 nd to 27 th Feb 2016 (tentative)	Monday to Saturday	Annual week Celebration
45.	29 th Feb 2016 (tentative)	Monday	Annual Day Celebration
46.	1 st to 3 rd March, 2016	Tuesday to Thursday	1 st University Sessional exam for semester courses; 2 nd internal exams for Annual courses
47.	7 th Mar 2016	Monday	Distribution of special monthly scholarship for the month of February 2016
48.	7 th April 2016	Thursday	World Health Day (Health Checkup camp)
49.	7 th April 2016	Thursday	Distribution of special monthly scholarship for the month of March 2016
50.	22 nd April 2016	Friday	World Earth Day (Tree Plantation)
51.	25 th to 27 th April, 2016	Monday to Wednesday	2 nd University Sessional exam for semester courses; pre-university exams for Annual courses
52.	7 th May 2016	Thursday	Distribution of special monthly scholarship for the month of April 2016
53.	9 th to 14 th May, 2016	Monday to Saturday	Annual Pre University Examinations
54.	5 th June 2016	Sunday	World Environment Day
55.	14 th June 2016	Tuesday	World Blood donors Day students go outside for blood donation

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

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

S.No.	Event	Organizing Department	Date (s)	Funding Agencies (Outside/ self)
1.	National Seminar on “Quality Enhancement through Innovative Practices in Teaching, Learning and Evaluation”.	IQAC	23 rd & 24 th November 2015	NAAC, Bangalore + Self
2.	Workshop on “Startup India”.	EDP Cell, DIBNS, Dehra Dun	25 th to 30 th April 2016	(a) Industries Association of Uttarakhand, & (b) Drug Manufacturing Association, Uttarakhand + self

3.	Workshop cum Hands-on Training on HPLC & Column Chromatography.	Chemistry & Pharmaceutical Chemistry	6th and 7th May, 2016.	Self
4.	National symposium on "Advances in Zoology & Applied Sciences".	Zoology	7th and 8th April 2016.	UCOST + Self
5.	Workshop on Articular Dysfunctions & Management : Spine and Peripherals	Physiotherapy	18 th and 19 th December 2015	Self
6.	Workshop on Integrated Stroke Rehabilitation	Physiotherapy	29 th and 30 th January 2016	Self
7.	Workshop on basic concepts in Manual Osteopathy	Physiotherapy	6 th March 2016	Self
8.	Workshop on role of Bands and Balls in Rehab and Fitness	Physiotherapy	11 th and 12 th March 2016	Self
9.	'Hands-on-training' on Plant Tissue Culture	Biotechnology	16 th -21 st May 2016	Self
10.	Workshop on ' State Strategic Plan Vision- 2024'	Bharat Guides and Scouts Uttarakhand with DSWC	18 th -20 th June 2016	Bharat Guides and Scouts Uttarakhand and Self

Annexure – 7: Summary of UG students’ feedback for the academic session 2015-16

S. No.	Course	Feedback	Action Recommended (Y/N)
1	B.Sc. Med. Micro 1 st year	Good	Yes
2	B.Sc. Med. Micro 2 nd year	Very Good	No
3	B.Sc. Med. Micro 3 rd year	Very Good	Yes
4	BPT 1 st year	Very Good	No
5	BPT 2 nd year	Good	Yes
6	BPT 3 rd year	Good	Yes
7	BPT 4 th year	Very Good	No
8	B.Sc. MLT 1 st year	Good	Yes
9	B.Sc. MLT 2 nd year	Good	Yes
10	B.Sc. MLT 3 rd year	Very Good	No
11	B.Sc. Biotech 1 st year	Very Good	No
12	B.Sc. Biotech 2 nd year	Good	Yes
13	B.Sc. Biotech 3 rd year	Very Good	No
14	B.Sc. Forestry 1 st year	Very Good	No
15	B.Sc. Forestry 2 nd year	Very Good	No
16	B.Sc. Forestry 3 rd year	Good	Yes
17	B.Sc. Forestry 4 th year	-----	-----
18	B.Sc. Agriculture 1 st year	Very Good	No
19	B.Sc. Agriculture 2 nd year	Good	Yes
20	B.Sc. Agriculture 3 rd year	Very Good	No
21	B.Sc. Agriculture 4 th year	Very Good	No
22	B.Sc. Horticulture 1 st year	Very Good	No
23	B.Sc. Horticulture 2 nd year	Very Good	No

Annexure 8: Summary of PG students' feedback for the academic session 2015-16.

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

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
