

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

**Annual Quality Assurance Report
(AQAR) of the IQAC
(Year of Report: 2014-15)
(01/08/2014-31/07/2015)**

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

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Name of the Head of the Institution:

Dr. Shailja Pant

Tel. No. with STD Code:

0135-2694547

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Name of the IQAC Coordinator:

Dr. Shruti Sharma

Mobile:

09568004557

IQAC e-mail address:

coordinatoriqac@dolphininstitute.in

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

NAAC Executive Committee No. & Date:

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

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

Of your Institution's Accreditation Certificate)

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

1.4 Website address:

www.dolphininstitute.in

Web-link of the AQAR:

<http://dolphininstitute.in/hpanel/iqac/aqar2014-15.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)

2014-15

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

11

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

05

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

27

2.10 No. of IQAC meetings held

10

2.11 No. of meetings with various stakeholders:

No.

02

Faculty

10

Non-Teaching Staff /Students

04

Alumni

02

Representative from Industry

02

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

Yes

No

If yes, mention the amount

-

2.13 Seminars and Conferences (only quality related)

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

Total Nos. International National State Institution Level

(ii) Themes

1. Conducted one –day seminar for the faculty and staff to train them for preparing the internal file noting system and movement of proposals from one level to another in administrative hierarchy.
2. One day orientation and counseling programme for the newly admitted students.
3. One day seminar for sensitization of various hostel staff towards the handling of student's day to problems.
4. one day seminar for faculty to groom them further for identifying and developing productive research project proposals from various Govt. funding agencies.
5. Conducted three one day Faculty and staff development programme.
6. One day orientation programme for NAAC reaccreditation.

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.

For providing incentive to young faculty to engage in more extensive research the IQAC suggested the creation of a seed fund of approx. Rs. Ten lac for faculty to initiate the research projects within various departments.

Orientation sessions were conducted for the faculty and periodical meetings/ discussions with department faculty representatives were conducted to collate the data pertaining to various activities of the departments. This should eventually lead to the drafting of full fledged research projects for submission to various Central/ State govt. Agencies.

The RAC in the institute has been advised to frame the rules and regulations for the same.

The IQAC assisted in conducting EDP & CME workshops.

IQAC took initiatives to create more avenues for students to engage in community services in the form of health camps, Physiotherapy centers, etc. in the neighbouring villages and Gram panchayat.

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

Encouraged Publication of a number of books and e-books by faculty.

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

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.

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. By developing linkages with Research Institutes of Govt. of India</p>	<p>The PG Department of Biotechnology organised a 03 days 'Hands-on training programme on DNA Bar-coding and its Applications' (13th-15th October 2014), and a two days 'Workshop on advances in Biotechnology and its applications in Conservation Biology' (16th & 17th October, 2014) in collaboration with Wildlife Institute of India and Zoological Survey of India, both premier Scientific organizations of MOEF & Climate Change, GOI, New Delhi.</p> <ul style="list-style-type: none"> ❖ The H-o-T & the Workshop were partially funded by DRDO, DBT, DST, GOI, New Delhi & ZSI, Kolkata. ❖ A total of 66 participants from 27 Universities/ colleges/ Institutes from 13 States attended the H-o-T. ❖ 675 participants from 44 Universities/ colleges/ Institutes from 15 States attended the workshop.
<p>ii. Through the EDP Cell of the Institute</p>	<ul style="list-style-type: none"> ❖ A 6 days workshop on "EDP on Biotechnology Industries in Uttarakhand" was conducted under the auspices of State Biotechnology Programme, Uttarakhand from 22nd to 27th September, 2014.
<p>iii. Through Continuous medical Education Programme (CME)</p>	<p>Two workshops of 02 days each were conducted by Department of Physiotherapy under the CME programme.</p>
<p>iv. IQAC is conducting a 02 days NAAC sponsored National Seminar on 'Quality enhancement through innovative practices in teaching, learning and evaluation' on November 23-24, 2015.</p>	<ul style="list-style-type: none"> ❖ NAAC has sanctioned financial support of Rs. 100000.00 for the seminar, vide its letter no. NAAC/ Seminar/ SPS_DIR/2015, dt. 25/06/2015. ❖ Approximately 125 young faculty and PG & Res. Students in Science streams from various Govt. & Private colleges in Uttarakhand and other States will attend.
<p>B. Enhancing Research Activities</p> <p>i. To encourage various departments to apply for major and minor projects.</p> <p>ii. To publish a compilation of research papers, books and conference proceedings of the teachers belonging to various disciplines.</p>	<p>Various departments are undertaking funded research projects from GOI & State Govt. individually, as well as in collaboration with other Govt. organisations.</p> <p>Faculty published a compilation of research articles, chapters in books, joint training manual for H-o-T with the scientists from ZSI & WII; e-books and text books belonging to various disciplines were published by faculty.</p>

iii. To provide financial incentives to the faculty for publishing quality research papers and books.	An amount of Rs. 390000.00 was disbursed to the faculty during 2013-14 for writing books, research papers etc.
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. 75100.00 was disbursed to the faculty during 2014-15 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 and other organisations.
C. Academic Review activity	Management council meeting of the College is held regularly on monthly basis to review academic performance of various departments.
Implementation of ERP	Contract for outsourcing the ERP in the institution during (2015-16) has been awarded. Provision is being made to provide individual desk top computers to every faculty.
Installation of CCTV camera's in the Girls hostel and labs.	For better security environs and monitoring it is proposed to complete the installation of CCTV at both sites in 2015-16.
Extension and strengthening of computer lab and Wi-Fi net work.	The work has been initiated.
Extension of the Stack room and the reference section in the central library.	The work has been initiated.
C. Co-curricular activities: Encourage the students to participate in various State/ National/ International sports events.	Nishant Garg , student BPT represented India as member of RSFI Indian team in 16 th Asian Roller Skating Championship, Haining, China in 2014 & First world Roller inline Hockey Championship in Argentina from 16 th to 21 st June 2015.
Encourage the students to participate in various Inter-University games tournaments.	1. 03 boys were selected for basketball team of the affiliating University. 2. 01 girl student participated in inter-university Girls basketball tournament at Kanpur in 11/2014.
Run for Unity	In accordance with the directives from HRD/GOI the IQAC organized the "Run for Unity" for students and faculty to celebrate World Unity Day on 31/10/2014
Alumni Association	1. The Alumni association conducted its annual meet coinciding with the annual week, 2015. 2. Five alumni were felicitated on the Annual Day by the Vice Chancellor of the affiliating University.

* 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 2013 – 2014 were implemented over this academic year, such as:

- The college has initiated at least two national level collaboration in the field of research, namely with ZSI, Kolkata & Dept. of Biotechnology, IIT, Roorkee.
- With joining of two faculties from a foreign University in Canada the college is exploring of creating International linkages.
- With an increase in the number of degree courses, students are empowered with more opportunities and skills for the present job market.
- The installation of ERP system would 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.
- 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	02	10	--
UG	03	01	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				

- 1.2 (i) **Flexibility of the Curriculum:** 1. CBCS for UG courses from 2015-16
2. Core/Elective option for PG courses (in process)

(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.....2 (Attached)

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

The curriculum was restructured from academic session 2011-12, when the 3rd Academic Council of the University introduced the Semester system of examinations in all PG courses of the affiliating University. This led to the introduction of credit system, namely Core courses (2-4 credits), elective & self study courses (3 credits) and dissertation/ project work (6 credits).

The affiliating University has uniformly introduced CBCS system for UG courses from 2015-16, other than Paramedical courses like BPT, B.Sc. MM & B.Sc. M.L.T. w.e.f. Academic session 2015-16.

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

One new department, viz., **Physics**; and three new courses (**one UG & two PG**) have been added during 2014-15, namely: 1. B.Sc. Horticulture; 2. M.Sc. Agronomy & 3. M.Sc. Physics. However, students have not been admitted in M.Sc. Physics course during the current year.

Criterion – II

2. Teaching, Learning and Evaluation

75

Total	Asst. Professors	Associate Professors	Professors	Others
75	50	18	06	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
10	05	-	-	02	-	02	-	14	05

2.4 No. of Guest and Visiting faculty and Temporary faculty

17	10	11
----	----	----

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Conferences	13	36	07
Presented papers	01	14	03
Resource persons in Conferences	----	04	02
Resource persons in Hands-on-training	----	03	----

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.
- * 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.

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

236

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

01	-	-
----	---	---

2.10 Average percentage of attendance of students

82.5

2.11 Course/Programme-wise distribution of pass percentage:

University result at a Glance: Session 2013-2014 (U.G.)

Title of the Programme	Total no. of students appeared	Division					Remarks / Fail
		Distinction %	I %	II%	III%	Pass %	
B.Sc. Biotechnology-1 st Year	42	7.14	38.09	40.47	11.90	97.60	01
B.Sc. Biotechnology-2 nd Year	26	12.00	27.00	50.00	11.00	100.00	-
B.Sc. Biotechnology-3 rd Year	43	5.00	28.00	65.00	2.00	100.00	-
B.Sc. Medical Lab Technology-1 st Year	48	18.75	72.92	6.25	-	97.92	01
B.Sc. Medical Lab Technology-2 nd Year	51	17.65	54.90	21.57	-	94.12	03
B.Sc. Medical Lab Technology-3 rd Year	46	10.87	60.87	28.26	-	100.00	-
B.Sc. Medical Microbiology-1 st Year	53	20.75	62.27	16.98	-	100.00	-
B.Sc. Medical Microbiology-2 nd Year	29	48.28	51.72	-	-	100.00	-
B.Sc. Medical Microbiology-3 rd Year	33	15.15	66.67	18.18	-	100.00	-
Bachelor of Physiotherapy-1 st Year	51	17.65	68.63	13.72	-	100.00	-
Bachelor of Physiotherapy-2 nd Year	34	2.94	76.47	17.65	-	97.06	01
Bachelor of Physiotherapy-3 rd Year	31	-	74.19	25.81	-	100.00	-
Bachelor of Physiotherapy-4 th Year	25	-	92.00	8.00	-	100.00	-
B.Sc. Forestry-1 st Year (I Sem)	107	3.00	64.00	25.00	-	92.00	09
B.Sc. Forestry-1 st Year (II Sem)	107	11.00	80.00	4.00	-	95.00	05
B.Sc. Forestry-2 nd Year (III Sem.)	91	30.00	66.00	3.00	-	99.00	01
B.Sc. Forestry-2 nd Year (IV Sem)	89	27.00	70.00	3.00	-	100.00	-
B.Sc. Forestry-3 rd Year (V Sem.)	79	30.00	60.00	9.00	-	99.00	01
B.Sc. Forestry- 3 rd Year (VI Sem.)	78	27.00	54.00	17.00	-	98.00	02
B.Sc. Forestry- 4 th Year (VII Sem.)	57	24.00	70.00	4.00	-	98.00	01
B.Sc. Forestry-4 th Year (VIII Sem.)	56	14.00	73.00	13.00	-	100.00	-
B.Sc. Agriculture- 1 st year (I Sem.)	60	25.00	73.00	2.00	-	100.00	-
B.Sc. Agriculture- 1 st year (II Sem.)	59	17.00	80.00	2.00	-	99.00	01
B.Sc. Agriculture- 2 nd year (III Sem.)	60	20.00	72.00	6.00	-	98.00	02
B.Sc. Agriculture- 2 nd year (IV Sem.)	59	8.00	73.00	17.00	-	98.00	01
B.Sc. Agriculture- 3 rd year (V Sem.)	54	56.00	44.00	-	-	100.00	-
B.Sc. Agriculture- 3 rd year (VI Sem.)	54	56.00	44.00	-	-	100.00	-

University Result as a Glance: Session 2013-2014 (P.G.)

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	
M Sc Microbiology-1 st Year (I Sem.)	33	-	45.46	33.33	21.21	-	100
M Sc Microbiology-1 st Year (II Sem.)	33	-	45.46	36.36	18.18	-	100
M Sc Microbiology-2 nd Year (III Sem)	30	-	23.33	66.67	10.00	-	100
M Sc Microbiology-2 nd Year (IV Sem)	29	3.44	68.97	27.59	-	-	100
M.Sc. Biochemistry-1 st Year (I Sem.)	30	-	53.33	46.67	-	-	100
M.Sc. Biochemistry-1 st Year (II Sem.)	30	-	56.67	43.33	-	-	100
M.Sc. Biochemistry-2 nd Year (III Sem.)	23	-	91.30	8.70	-	-	100
M.Sc. Biochemistry-2 nd Year (IV Sem.)	23	-	73.91	26.09	-	-	100
M.Sc. Biotechnology-1 st Year (I Sem)	14	-	35.71	35.71	21.43	7.14	100
M.Sc. Biotechnology-1 st Year (II Sem)	14	-	21.43	50.00	21.43	7.14	100
M.Sc. Biotechnology-2 nd Year (III Sem)	26	3.85	61.54	26.92	7.69	-	100
M.Sc. Biotechnology-2 nd Year (IV Sem)	26	3.85	61.54	30.76	3.85	-	100
M.Sc. Botany-1 st Year (I Sem.)	29	-	31.03	65.52	3.45	-	100
M.Sc. Botany-1 st Year (II Sem.)	27	-	66.67	33.33	-	-	100
M.Sc. Botany-2nd Yr (III Sem.)	30	-	66.67	33.33	-	-	100
M.Sc. Botany-2nd Yr (IV Sem.)	30	-	83.33	16.67	-	-	100
M.Sc. Chem-1 st Year (I Sem.)	20	-	20.00	75.00	5.00	-	100
M.Sc. Chem-1 st Year (II Sem.)	19	-	84.21	15.79	-	-	100
M.Sc. Chem-2nd Yr (III Sem.)	19	-	52.63	47.37	-	-	100
M.Sc. Chem-2nd Yr (IV Sem.)	21	-	42.86	57.14	-	-	100
M.Sc. Pharma-1 st Yr (I Sem.)	10	-	80.00	20.00	-	-	100
M.Sc. Pharma-1 st Yr (II Sem.)	10	-	30.00	70.00	-	-	100
M.Sc. Pharma-2 nd Yr (III Sem.)	13	7.70	69.23	23.07	-	-	100
M.Sc. Pharma-2 nd Yr (IV Sem.)	13	-	53.85	46.15	-	-	100
M.Sc. Zoology-1 st Year (I Sem.)	30	-	30.00	56.67	13.33	-	100
M.Sc. Zoology-1 st Year (II Sem.)	30	6.67	93.33	-	-	-	100
M.Sc. Zoolgy-2 nd Year (III Sem.)	30	-	80.00	20.00	-	-	100
M.Sc. Zoology-2 nd Year (IV Sem.)	30	-	73.33	26.67	-	-	100
M.Sc. Forestry- 1 st year (II Sem.)	12	-	-	16.67	58.33	16.67	91.67
M.Sc. Forestry- 2 nd year (III Sem.)	11	-	9.09	45.45	36.37	9.09	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

Title of the Programme	Total no. of students appeared	Division					Remarks / Fail
		Distinction %	I %	II%	III%	Pass %	
M.P.T.-1 st Year	15	13.33	86.67	-	-	100.00	-
M.P.T.-2 nd Year (Ortho)	16	-	93.75	6.25	-	100.00	-
M.P.T.- 2 nd year (Neuro)	09	-	66.67	33.33	-	100.00	-

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

<ul style="list-style-type: none"> ➤ 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. ➤ 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: <ul style="list-style-type: none"> 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	62
Faculty exchange programme	-
Staff training/ conference/ seminars conducted by the University	-
Staff training/ conference/ seminars conducted by other Institutions	58
Conference/ Workshop/ Seminars conducted by the Institution	18
Summer / Winter schools, Workshops, etc.	17
Others (preparing research projects proposal)	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	88	17	13	30
Technical Staff (including Lab/ Physiotherapy centres)	16	04	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 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.
- 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.
- Reimbursement of the registration fee to faculty for attending any of the above.

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	02	01
Outlay in Rs. Lakhs	5.98	15.60	0.15

3.4 Details on research publications

	International	National	Others
Peer Review Journals			
Non-Peer Review Journals			
e-Journals			-
Conference proceedings			

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations.

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	24.02.14-23.02.17	DBT	26.08	1927000.00
Minor Projects 1	23.02.13-22.02.16	USBD	8.30	491050.00
Minor Projects 2	01.11.11-31.12.14	USBD	5.83	2,80497.00
Minor Projects 3	2012-15	USBD	7.30	5,07545.00
Minor Projects 4	2014-15	MOEF	0.15	15000.00
Interdisciplinary Projects	--	--	--	---
Industry sponsored	---	---	---	----
Projects sponsored by the University/ College	---	----	---	----
Students research projects (other than compulsory by the University)	-----	----	----	-----
Any other(Specify)	----	----	---	---
Total	05 projects	03	4766000.00	3221092.00

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

3.9 For colleges

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

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	03	01	00	05
Sponsoring agencies		DST, DBT, DRDO, ZSI & Indian Immunological Society.	Self	...	Self

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

3.13 No. of collaborations

International

National

Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From funding agency

From Management of University/College

Total:

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	01
	Granted	In process with 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	-	-	-	-	-	01

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

06

12

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

Nil

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

JRF 02 SRF 00 Project Fellows 01 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 14

NCC --- NSS 02 Any other ---

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

- Institute has 05 functional Physiotherapy health centers functioning with different charitable hospitals and Lions club.
- Institute also has an allopathic OPD within the campus for providing basic medical facilities to the residents of adjoining Gram Panchyats.
- Institute organized 02 Blood donation camps in campus jointly with IMA Blood Bank, Dehra Dun & Doon Hospital.
- Institute has adopted a school for poor children, Sarswati Vidya Mandir, where in we developed lab facilities in Physics, Chemistry, Biology and Computers. Children are also granted scholarships annually.
- 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. 450000.00 was provided to various school girls up to 31/03/2015. The scheme was officially launched by the Honb’le Chief Minister of Uttarakhand, Shri Harish Rawat on 05/08/2015.
- World Biodiversity day celebrations.
- World environment day celebrations.
- World immunology day celebrations.
- World Physiotherapy day celebrations.
- Awareness program on “Promise to save green earth”: Social Awareness Campaign Project of “People & Society” (it is Nepal based Social awareness campaigner organization) - Student’s initiative.
- Awareness program for school children during wildlife week (01-07 October) through Film show, Painting/sketching competition and Inter school Quiz competition
- As NSS activity Students Participation in ASER (Annual status of Education report) survey conducted by Pratham NGO.

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.)	Farm land on lease	Self financed	4.5 acres (16888 sq. mt.) + farm land
Class rooms	44	06		50
Laboratories	29	04		33
Seminar Halls	02	02 (one completely renovated)		03
No. of important equipments purchased (\geq 1-0 lakh) during the current year.		1. Touch screen double beam scanner. (Rs. 470001.00) 2. Weighing Scale RTZ113; (Rs. 260000.00) 3. Haematolyser Analyser. (Rs. 220000.00) 4. Microscopes Xzx 20 Olympus; (Rs.160000.00) 5. Cenrifuge Machine Remi; (Rs.165000.00) 6. Hot Air oven; (Rs. 180000.00) 7. BOD incubator; (Rs. 175000.00) 8. TLC chamber; (Rs. 110000.00) 9. Muffle Furnace; (Rs. 200000.00)		0 1 no. 04 NOS. 02 nos. 4 nos. 01 no. 4 no. 5 nos. 50 nos. 5 nos.
Value of the equipment purchased during the year (Rs. in Lac)		32 00000.00		19,40,001.00
Others (furniture & office equipment)	----	150872.00		150872.00

4.2 Computerization of administration and library.

(1) Administration:

The following key features are being introduced in the day to day management of the overall administration in the Institute by installation of customized ERP system.

Student	Faculty	Admin	Library	Common features
i. Provision of online question bank . ii. Training and placement system. iii. Student and parent panel iv. Scholarship management system. v. Performance monitoring system vi. e-assignment vii. Discussion forum. viii. Blog creation.	i. Examination management system. ii. Syllabus tracking system. iii. Timetable management system iv. Attendance tracker. v. Lecture plan. vi. Faculty panel. vii. Online leave management.	i. Inventory management system. ii. Transport management system. iii. Hostel and mess management system. iv. Online requisition.	i. Library management system. ii. Web OPAC. iii. Durie decimal classification is being introduced.	i. Syllabus tracker. ii. Online internal examinations. iii. Circular/ notice management.

(2) Library:

- Library is already computerized. Issue & collection through BAR Code system.
- Office of the Director and Principal completely computerized and data retrieval system operational.
- Linkage has been created between each department with Principal & Director's officer through internal mail system.
- Whole campus is Wi-Fi.
- Added Online Public Access Catalogue (OPAC).
- Two dedicated nodes are being provided in the reading room for OPAC purposes, besides the facility being extended in the e-library nodes.
- Unique digitized library id through ERP is in process.
- 43 e-books have been added.
- e-book database access has been provided through intranet to every department.
- Library management by Durie Decimal Classification is being introduced.
- Departmental libraries are being linked to the Central library.

4.3 Library Services

	Existing		Newly added (April 2014- march 2015)		Total (in Rs.)	
	No.	Value	No.	Value	No.	Value
Text Books	16988	Rs. 60,69632.47	1050	Rs. 646354.00	18038	Rs. 6715986.47
Reference Books	804	Rs. 15,50296.58	95	Rs. 78296.00	899	Rs. 1628592.58
e-Books	80	----	102	----	182	----
Journals	32	Rs. 93,844.00 (Annual)	04	Rs. 7,100.00	36	Rs. 100944.00
e-Journals	01	Rs. 3200.00	----	----	01	Rs. 5000.00
Digital Database		Rs. 50,000.00	---	----	----	Rs. 50,000.00
CD & Video	242	Rs. 9,682.00	75	Nil	317	Rs.9,682.00
Others (Project reports)	830	----	125	-----	955	----

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centers	Computer Centers	Office	Departments	Others
Existing	120	01	Yes, with WiFi	01	01	Yes	All	e-library
Added	30	01	Increased the band width capacity. Campus Wi-Fi.	1. Two OPAC nodes in library. 2. One each in the individual Depts.	----	ERP	ERP	1. ERP System 2. Knowledge database comprising course wise selected e-lectures with open access to students.
Total	152	02	Yes	03	01	Yes	All	ERP & Knowledge data base

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

Faculties were provided training on ERP programme to administer it independently.

4.6 Amount spent on maintenance in lac :

i) ICT	129611.00
ii) Campus Infrastructure and facilities	4522866.00
iii) Equipments	100040.00
iv) Others	1364473.00
Total:	6116990.00

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. Also the day to day problems about the teaching or any such issues which effects 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. Also through internal mails, memos, circulars and notices by the coordinator IQAC.

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 students progression are monitored.
 - i. Teachers diary
 - ii. Monthly progress reports
 - iii. Feed back from individual classes.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1205	416	04	----

(b) No. of students outside the state

1190

(c) No. of international students

141

Men	No	%	Women	No	%
	934	57.67		687	42.38

Category wise distribution of the students.

Last Year (2013-14)						This Year (2014-15)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
819	39	404	171	01	1434	856	46	537	180	02	1621

Demand ratio: 3:2

Dropout %: 0.0098

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

1. A batch of five students was provided coaching for NET exam by the faculty of Dept. of Chemistry.
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

72

5.5 No. of students qualified in these examinations.

NET	02	SET/SLET	--	GATE	01	CAT	01
IAS/IPS etc	--	State PSC	---	UPSC	---	Others	04

5.6 Details of student counseling and career guidance.

The **Student Counseling Centre** extends counseling assistance to students regularly either in house or by arranging expert lectures from outside experts.

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 **06 guest lecturers** from the experts from Industry under the 'Industry job orientation training programme' covering various aspects for the PDP for the students.

Dept. of Biochemistry conducted one day Industrial orientation programme on 28/11/2015 for the students of the Institute.

Dolphin Alumni holding senior positions in various Industries were invited as guest speakers to share their experiences with the current students during Annual week -2015.

11, Campus + 39 at site interviews were arranged for the students by Institute's Placement cell in the premises of the Industries, companies/ Organizations.

No. of students benefitted

300

5.7 Details of campus placement.

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations visited	Number of students participated	Number of students placed	Number of students placed
49 (11Companies visited campus + Interviews were arranged for students in premises of 38 companies / organizations)	110	97	13

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	52	907500.00
Financial support from government	60	1350740.00
Financial support from other sources (DSWC)/ Dolphin Educational Society		
1. Monthly scholarship @ Rs. 200/= p.m.	448	89600.00
2. Special scholarship @ Rs. 5000/- p.a.	05	25000.00
3. Incentives to the students	----	67500.00
4. Contribution towards students fresher's party.	----	50000.00
5. Stipend for poor girl students from other schools		450000.00
Number of students who received International/ National recognitions	----	----

5.11 Student organised / initiatives

Fairs: State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

1. Blood Donation camps
2. Health Camps
3. Swatach Bharat abhiyan
4. Polythene Free Campus
5. Celebrate Deepawali and other festivals with under privileged children's of Bal Vanita Ashram, Raffles home and other charitable homes.
6. Distributed dress and study materials to the needy students
7. Provide free tuition classes to poor 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 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 channeled 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 concern 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 participation in such activities organised 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 Evaluation processes consist of Continuous Assessment and End Semester Examinations (ESE).

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 sessional (First, second) for semester system.
2. Date of internal examination (First, second and pre-university examinations)
3. To improve the results, class tests (M.C.Q) are conducted after the completion of topic/unit.
4. 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.
5. The result of internal assessment is sent bi-monthly to the parents.

6.3.4 Research and Development

Research in the College has been given a strong thrust since the last accreditation cycle. There has been renewed focus on interdisciplinary research in the College.

The award of major and minor research projects to faculty and collaborations between faculties of different departments underscore the growing importance given to research in the College.

Currently, faculty are engaged in five minor and one major research projects supported by the Department of Biotechnology (DBT), State Biotechnology Programme, UCOST and other funding agencies.

Recently proposal has also been received from IIT, Roorkee for collaboration in research projects in the field of biotechnology.

A separate Research Advisory Committee (RAC) headed by the Director.

RAC also functions as a Research Forum wherein the faculty members present their research papers followed by discussions.

Faculty development programmes organized to further motivate and guide to prepare research proposals.

Senior scientists from various research organisations are invited regularly to interact with faculty and to guide them for preparing the research project proposals.

Incentives are given to the faculty members for publication of research papers in the peer reviewed and indexed journals with IF & NAAS.

Consultancy services to the industry: faculties are encouraged to take up consultancy projects from the industry located in the state.

Reimbursement of registration fee or participation fee for (Oral/poster) presentation in State/National/International conferences.

Supporting faculty with study leave to attend summer/winter school or trainings to update their subject knowledge and skills.

Well stocked library, e-library and well equipped laboratory, internet access and infrastructure facilities for conducting research work.

Postgraduate research is encouraged in the form of dissertation/project work. Some departments encourage undergraduate research in various ways –by way of projects, seminar papers and assignments.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library:

Completely computerized library. Issue and return through BAR code system. Library management through EPR system is introduced. Library has OPAC facility. E-library functional and can be accessed through intranet. Departmental libraries are being linked to 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 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 is in process of installation of ERP system. Additionally, every department has been provided with a CPU class room with mounted LCD projector.

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.

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 a 20 KV 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.

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 procedures.
- 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 especially in Para-medical courses.
- In order to enhance capacities of staff need-based training/workshops are organised for faculty, administrative, and supportive staff.
- Recreation programmes are also organised for teaching, non-teaching and supportive staff.

6.3.7 Faculty and Staff recruitment

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.
- Advance certification course for grooming the students as per the need of the industry and bridging the gap between industry and academia.
- 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 <input checked="" type="checkbox"/> placement <input type="checkbox"/> 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.
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6.5 Total corpus fund generated

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 following reform measure has been introduced by the affiliating University from the current year:

- Online submission of University Examination form.

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. 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 counselling services to enhance performance.
3. Feedback is taken from the parents regarding the services provided by the institute.
4. 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.
5. ERP system is being introduced from academic session 2015-16 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 and Biotechnology department is joining hands in developing 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. Botanical names of all the plants within the campus have been displayed along the tree or plant.
3. Some of the other eco- initiatives are rain water harvesting system, Herbal garden, Grey water recycling, Segregation of waste, and "Green" lab-waste disposal, Solar powered lights, Safe 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.

- Use of ICT as effective teaching tools, interactive E-learning, smart class and modern teaching modules.
- OPAC facility available for library search.
- Work is in progress on ERP System.
- Teaching plans given to the students in advance to come prepared in class for interactive teaching.
- To motivate students to be regular in the class scholarship in each class is given to most punctual and disciplined students by DSWC on monthly basis.
- Advance certification course for grooming the students as per the need of the industry and bridging the gap between industry and academia.
- One subject faculty designated as class coordinator. He/she acts as mentor and monitors the academic and over all performance of the students. Class coordinators are given official phone to be in contact with the parents.
- Students are grouped 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.
- Display the name of toppers of each batch in notice board.
- Annual Award for the 'Best Boy' and 'Best Girl' students, based on the criteria of both academics and extra curricular activities and achievements.

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 and H-o-T in the field of Biotechnology in collaboration with WII & ZSI in which almost 700 students and faculty participated from across the country during October, 2014.
- Three CME workshops were conducted during the academic year.
- IQAC Completed the planning to conduct a two days National Seminar on “**Quality Enhancement through innovative Practices in Teaching, Learning and Evaluation**” (23rd & 24th November, 2015) under the aegis of NAAC.
- The NAAC has approved the holding of the above seminar and sanctioned grants for the same. .
- Enhanced Research output. Increased academic tie ups.
- One UG (B.Sc. Horticulture) and two PG (M.Sc. Agronomy & Physics) were started during the academic year.
- 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.

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.

1. Three of our PG students in the stream of Biotechnology, Microbiology & Zoology secured 1st position in the affiliating University amongst the students from over 50 colleges and all the three campuses of HNB Garhwal University, Srinagar.
2. For skill development of not only our own students but from other academic Institutions across the country the college conducts a number of Hands-on –trainings, CME and Workshops throughout the year as detailed below:

“Hands-on” Training on DNA Bar-coding and Its Applications (13th to 15th October 2014): A total of 66 trainees from 27 colleges/ universities/ Research institutes from over 13 States attended the H-o-T. They received the training in the State of the Art labs of all the 03 collaborating partners, viz., Dolphin Institute, Zoological Survey of India & Wildlife institute of India.

Workshop on **“Advances in Biotechnology and Its Applications in Conservation Biology”** (16th & 17th October 2014) by 03 collaborating partners, viz., Dolphin Institute, Zoological Survey of India & Wildlife institute of India. A total of 617 participants from 44 colleges/ universities/ Research institutes from over 08 States attended the Workshop. Funded by DBT, DST, DRDO & ZSI.

Conducted a two days CME Workshop on **“ Autoimmunity and Autoimmune Diseases** on 10th & 11th April 2015 jointly with Indian Immunology Society, AIIMS, New Delhi. Approximately 300 students participated from States across north India. It was partly funded by IIS. (cf. Annexure... for detailed list).

Best Practice-II

Institutionalizing the Mentoring System

The mentoring system was introduced to monitor student progression both in academics and help students to deal with issues related to life on campus.

Each member of the faculty is assigned students belonging to her class, for which she is the class coordinator to keep track of student’s growth and development on campus. If the mentor feels that his/ her student requires additional help, he/ she is recommended for remedial coaching. The mentor also guides students on matter relating to higher education and careers.

Further the individual students are classified in different grades in accordance with marks obtained at the time of the admission and their academic monitoring is undertaken regularly by class coordinator till they complete the course. Interventions are made through tutorial classes wherever needed.

**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 sensitise 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 • dedicated faculty • 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 • 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 	<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>Limited number of Certificate Courses</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 • Increasing interest from foreign institutions for collaborations • Expertise of faculty to tap the corporate sector for enhanced consultancy and funding for research projects <p style="margin-left: 40px;">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 vocationalisation 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

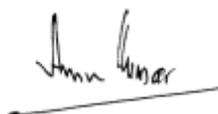
- | |
|--|
| <ul style="list-style-type: none"> • Academic Audit • Administration reforms • Enhanced Research activities • To develop more linkages both at National and international Level • Distance learning programme for add on skill development • Faculty development and exchange programme • Enhance 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. Academic calendar of the Institute for the year 2014-15.

Annexure 1. Affiliation letter from HNB Garhwal University, Srinagar for academic year 2014-15.

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

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



दूरभाष (01346)-252143, 252167, 252170
फैक्स (01346)-252174, 252247
वेबसाइट Website: www.hnhgu.ac.in

पत्रांक-माधवा/1309,

दिनांक 6-6-14

सेवा में,

राजिब/निदेशक,

डालफिन पीपीओइन्स्टीट्यूट ऑफ बायोमेडिकल एण्ड नेचुरल साइन्सेज,
माण्डूवाला नियर सुद्दोवाला, देहरादून।

महोदय,

निरीक्षण समिति की संस्तुति दिनांक 19-05-2014 एवं निरीक्षण समिति को संस्था द्वारा दिये गये 28 बिन्दुओं के सपथ पत्र के आधार पर कुलपति महोदय द्वारा केन्द्रीय विश्वविद्यालय अधिनियम 2009 के परिनिधम की धारा 11 (3) में निहित अधिकारों का उपयोग करते हुए सपथस 4 (f) एवं 46 (2) के अनुसार डालफिन पीपीओ इन्स्टीट्यूट ऑफ बायोमेडिकल एण्ड नेचुरल साइन्सेज, माण्डूवाला नियर सुद्दोवाला, देहरादून में संचालित बीएस-सी/वाणिजी-100 सीट, एमएस-सी/वायोटेक्नोलॉजी-33 सीट, एमएस-सी/वायोकेमिस्ट्री-30 सीट, एमएस-सी/फार्मास्यूटिकल केमिस्ट्री-27 सीट, बीएस-सी/वायोटेक्नोलॉजी (सीबीओजो)-60 सीट, एमएस-सी/माइक्रोबायोलॉजी-33 सीट, एमएस-सी/रसायनविज्ञान-20 सीट, एमएस-सी/जन्तुविज्ञान-30 सीट, एमएस-सी/वनस्पतिविज्ञान-30 सीट, एमएस-सी/वाणिजी-30 सीट तथा बीएस-सी/कृषि पाठ्यक्रम में पूर्व स्वीकृत 60 सीट के साथ शैक्षणिक सत्र 2014-15 (एक वर्ष) के लिए अस्थाई सम्बद्धता विस्तारण की स्वीकृति निम्न प्रतिबन्धों के साथ प्रदान कर दी गयी है।

1. संस्थान को सभी पाठ्यक्रमों के लिए विश्वविद्यालय अनुदान आयोग / राज्य सरकार द्वारा निर्धारित शैक्षिक अर्हता धारक शिक्षकों की नियुक्ति करनी होगी।
2. शिक्षकों को यूजीसी द्वारा निर्धारित वेतन का मुक्तान एकाउन्ट में के माध्यम से करना होगा।
3. संस्थान को एस्पीओ/एसटीओ/ओबीपीसी के छात्रों को नियमानुसार आक्षण देना होगा।
4. संस्थान को कुलपति महोदय के आदेश/निर्देशों या पूर्णतया पालन करना होगा।
5. संस्थान दूसरे विश्वविद्यालय का दूरस्था शिक्षा अध्ययन केन्द्र संचालित नहीं करेगा।
6. संस्थान विश्वविद्यालय द्वारा नानी गई सूचनाओं को उपलब्ध कराने हेतु बाध्य होगा।

राजिब

पीपीओ/संस्था
कुलसचिव

प्रतिनिधि-1. कुलसचिव परीक्षा।

2. सिस्टम मैनेजर/कम्प्यूटर सैवशन को इस आशय से प्रेषित कि उक्त संस्थान की सम्बद्धता वेबसाइट पर अपलोड करने का कार्य करें।
3. निजी सचिव कुलपति/कुलपति महोदय के सादर सूचनार्थ।

पीपीओ/संस्था
कुलसचिव

Annexure 2. Affiliation letter from HNB Garhwal University, Srinagar for academic year 2014-15.

हेनमती नन्दन बहुगुणा गढ़वाल विश्वविद्यालय, श्रीनगर (गढ़वाल) उत्तराखण्ड - 246174
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 वेबसाइट- Website www.hnbgu.ac.in

पत्रांक-माध्याह्निक/2023 दिनांक: 23/05/15

संका में,
 सचिव/निदेशक,
 दक्षिण प्रशासकीय/कनिष्ठ/ऑफ़ बायोमेडिकल एण्ड नैचुरल साइन्सेज,
 माधुवाला नियर बुढ़ोवाला, देहरादून।

महोदय,
 निरीक्षण समिति की संसृति दिनांक 18.05.2014 एवं निरीक्षण समिति को संस्था द्वारा दिये गये 28 किन्तुओं के साथ पत्र के आधार पर कुलपति महोदय द्वारा केन्द्रीय विश्वविद्यालय अधिनियम 2009 के परिचयन की तारा 11 (3) में निहित अधिकारों का उपयोग करते हुए तप्याय 4 (f) एवं 40 (2) के अनुसार दक्षिण प्रशासकीय/कनिष्ठ/ऑफ़ बायोमेडिकल एण्ड नैचुरल साइन्सेज, माधुवाला नियर बुढ़ोवाला, देहरादून को बीएएस-सी0 उद्योगिकी-40सीट, एम0एस-सी0 एग्रीनामी-15 सीट, एम0एस-सी0 नौतिगी-30 सीट के साथ शैक्षणिक सत्र 2014-15 के लिए अस्थाई सम्बद्धता की स्वीकृति इस प्रतिबन्ध के साथ प्रदान की गयी है कि- सत्र 2015-16 के सम्बद्धता विस्तारण के निरीक्षण में प्रयोगात्मक कार्यों के लिए लीज पर ली गयी भूमि की वैधता का सम्बन्धित क्षेत्र के पटवारी से रिपोर्ट प्राप्ता करेगी तथा पटवारी की रिपोर्ट एवं निरीक्षण समिति की रिपोर्ट के आधार पर उपरोक्त विधियों का सत्र 2015-16 का सम्बद्धता विस्तारण किया जाना सम्भव होगा। अन्य प्रतिबन्ध निम्नतः होंगे:-

1. संस्थान को सभी पाठ्यक्रमों के लिए विश्वविद्यालय अनुदान आयोग / राज्य सरकार द्वारा निर्धारित शैक्षिक अर्हता धारक शिक्षकों की नियुक्ति करनी होगी।
2. शिक्षकों को यू0टी0सी0 द्वारा निर्धारित वेतन का सुगतान एकरान्त पै के माध्यम से करना होगा।
3. संस्थान को एस0टी0/एन0टी0/ओ0बी0सी0 के छात्रों को निबन्धानुसार कक्षाएं देना होगा।
4. संस्थान को कुलपति महोदय के आदेश/निर्देशों का पूर्णतया पालन करना होगा।
5. संस्थान दूसरे विश्वविद्यालय का दूरस्थ शिक्षा अध्ययन केंद्र संचालित नहीं करेगा।
6. संस्थान विश्वविद्यालय द्वारा मांगी गई सूचनाओं को उपलब्ध कराने हेतु बाध्य होगा।

भवदीय
 प्रो0पी0एस0राजा
 कुलसचिव
 प्रो0पी0एस0राजा
 कुलसचिव

प्रतिलिपि:- 1. उपकुलसचिव परीक्षा।
 2. विशेष कार्याधिकारी कुलपति, कुलपति महोदय के सादर सूचनाार्थ।

22-21

Annexure 3. Academic calendar of the Institute for the year 2014-15.

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

Academic Calendar (2014-15)			
S.No.	Date (s)	Day(s)	Event
1.	4 th Aug. 2014	Monday	Reporting of old students of all M.Sc. Courses & B.Sc. Agriculture, Forestry & Biotechnology
2.	8 th Aug. 2014	Friday	Reporting of New students of B.Sc. Agriculture, Forestry & Horticulture
3.	10 th Aug. 2014	Sunday	Holiday on account of Raksha Bandhan
4.	11 th Aug. 2014	Monday	Reporting of New students of M.Sc. Botany, Zoology & Chemistry
5.	15 th Aug. 2014	Friday	Independence Day (Celebrations in the Institute)
6.	17 th Aug. 2014	Sunday	Holiday on account of Janmastami
7.	18 th Aug. 2014	Monday	Reporting of New students of all other courses
8.	22 nd to 27 th September, 2014	Monday to Saturday	1 st University Sessional exam for semester courses
9.	2 nd October 2014	Thursday	Holiday on account of Gandhi Jayanti & Ram Navmi
10.	3 rd October 2014	Friday	Holiday on account of Dusshera
11.	*6 th October 2014	Monday	Holiday on account of Id-ul-Zuha
12.	20 th to 25 th October 2014	Monday to Saturday	Holiday on account of Deepawali
13.	6 th November 2014	Thursday	Holiday on account of Guru Nanak Birthday
14.	24 th to 29 th November 2014 (If clash with University exams dates may be rescheduled)	Monday to Saturday	2 nd University Sessional exam for semester courses; 1 st internal exams for Annual courses
15.	25 th December 2014 to 4 th January, 2015	Thursday to Sunday	1 st Term Break (including X-mas & New year)
16.	14 th January 2015	Wednesday	Holiday on account of Makar Sankranti
17.	26 th January 2015	Monday	Republic Day (Celebrations in the Institute)
18.	17 th February 2015	Tuesday	Holiday on account of Maha Shivratri
19.	5 th to 7 th March, 2015	Thursday to Saturday	2 nd Term Break (including Holi)
20.	11 th to 17 th March 2015	Wednesday to Tuesday	1 st University Sessional exam for semester courses; 2 nd internal exams for Annual courses
21.	28 th March, 2015	Saturday	Holiday on account of Ram Navmi
22.	20 th to 28 th April 2015	Monday to Tuesday	2 nd University Sessional exam for semester courses; pre-university exams for Annual courses
23.	14 th April, 2015	Tuesday	Holiday on account of Baisakhi
24.	*17 th July 2015	Friday	Holiday on account of Idul' fitr

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

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

*Subject to appearance of Moon.

Annexure 4. Letter of sanction from NAAC sponsored IQAC Seminar.



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission

प्रो. डॉ. जसपाल एस. सन्धू
सचिव, वि.अ.आ और निदेशक, न.म.प्र.प
Prof. Dr. Jaspal S. Sandhu
MRE, MS (Delhi), DSM, FAS, FASM, FAFSM, FFMS, FAMS
Secretary, UGC & Director, NAAC

NAAC/Seminar/SPS_DIR/2015 26th June 2015

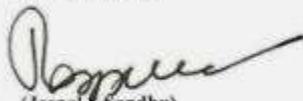
Dr. Shailja Pant
Principal
Dolphin (P. G.) Institute of Bio-Medical & Natural Sciences
Manduwala, Near to Suddhowala,
Chakrata Road, Dehradun-248007, Uttaranchal

Dear Dr. Shailja
Greetings from NAAC!

This has reference to your proposal seeking financial assistance/academic support for organizing national seminar in your institution. After due consideration your proposal has been accepted for financial assistance of **Rs. 1,00, 000/-** (Rupees One Lakh Only). The balance amount required to organize this activity may kindly be mobilized at your end. The Financial assistance is subject to the adherence to the enclosed procedures for release of sanctioned grants and settlement of the same. We appreciate the initiative taken by your institution and hope that you will continue to strive for quality and excellence in Higher Education.

With warm regards,

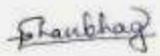
Yours sincerely,


(Jaspal S. Sandhu)

Encl: a/a

Cc: Northern Region Co-ordinator at NAAC (Dr. K. Rama Adviser i/c, E-mail ID: k.rama@naac.gov.in)

पि ओ बॉक्स नं. 1075, नागरभावी, बेंगलूरु - 560 072, भारत P.O.Box No. 1075, Nagarbhavi, Bangalore - 560 072, INDIA
दूरभाष Phone : + 91-80-23210267, 23005112, 114, 115, Fax : +91-80-23210268
ई-मेल : e-mail : jssdirector.naac@gmail.com वेबसाइट Website : www.naac.gov.in



Annexure – 5: Summary of UG students’ feedback for the academic session 2014-15

S. No.	Course	Feedback	Action Recommended (Y/N)
	B.Sc. Med. Micro 1 st year	Very Good	No
2	B.Sc. Med. Micro 2 nd year	Very Good	No
3	B.Sc. Med. Micro 3 rd year	Good	Yes
4	BPT 1 st year	Very Good	No
5	BPT 2 nd year	Very Good	No
6	BPT 3 rd year	Good	Yes
7	BPT 4 th year	Very Good	No
8	B.Sc. MLT 1 st year	Very Good	No
9	B.Sc. MLT 2 nd year	Very Good	No
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	Very Good	No
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	Very Good	No
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

Annexure 6: Summary of PG students' feedback for the academic session 2014-15.

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	Very Good	No
12	M.Sc. Botany 2 nd year	Very Good	No
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

Annexure 7. Cover page of the brochure of the H-o-T & Workshop conducted in October 2015.

 भारतीय वन्यजीव संस्थान
Wildlife Institute of India

 DOLPHIN

 ZOOLOGICAL SURVEY OF INDIA 1918

**"Hands-on" Training on
DNA Barcoding and its Applications**
(13th to 15th October, 2014)

**Workshop on
Advances in Biotechnology and its Applications
in Conservation Biology**
(16th & 17th October, 2014)

Organized by
Department of Biotechnology
Dolphin (PG) Institute of Biomedical & Natural Sciences, Dehra Dun - 248007
[Accredited by NAAC with CGPA of 2.81; Recognised by UGC u/s 2(f)]

In collaboration with

Wildlife Institute of India
Dehra Dun - 248 001



Zoological Survey of India
Dehra Dun - 248 195

Annexure 8. List of the University toppers during academic session 203-14.

University Toppers (Batch : 2012-2014)

हेमवती नन्दन बहुगुणा गढ़वाल विश्वविद्यालय
श्रीनगर (गढ़वाल), उत्तरांचल

 क्रमांक 740

संस्कृत प्रमाण-पत्र

अनुक्रमांक: 90534964 नामांकन संख्या: G12534962

प्रमाणित किया जाता है कि: SURYA PRASAD SHARMA

पुत्र/पुत्री S. S. ने विश्वविद्यालय

की M.Sc. (BIOTECHNOLOGY) 2012-2014 BATCH

की परीक्षा में सफल परीक्षार्थियों के योग्यताक्रम में FIRST स्थान प्राप्त किया।

दिनांक: 01-01-2015


Registralar
H.N.B. Garhwal University
(A Central University)
Srinagar (Garhwal) 246174 UK

हेमवती नन्दन बहुगुणा गढ़वाल विश्वविद्यालय
श्रीनगर (गढ़वाल), उत्तरांचल

 क्रमांक 741

संस्कृत प्रमाण-पत्र

अनुक्रमांक: 90532208 नामांकन संख्या: G12532208

प्रमाणित किया जाता है कि: REHAB GANI

पुत्र/पुत्री A. G. M. ने विश्वविद्यालय

की ZOOLOGY 2012-2014 BATCH

की परीक्षा में सफल परीक्षार्थियों के योग्यताक्रम में FIRST स्थान प्राप्त किया।

दिनांक: 29-01-2015


Registralar
H.N.B. Garhwal University
(A Central University)
Srinagar (Garhwal) 246174 UK

Annexure 09. List of H-o-T, Workshops, CME, etc conducted during the year.

S.No.	Event	Organising Department	Date	Funding Agencies
1.	EDP on Biotechnology Industries (Solid Waste Management) in Uttarakhand	Department of Statistics	22 nd to 27 th September, 2014	State Biotechnology Programme, Uttarakhand
2.	hands-on' training programme on "DNA Barcoding and its Applications in Conservation Biology	Biotechnology	13 th to 15 th October, 2014	ZSI, DBT, DST, DRDO, WII
3.	Workshop on Biotechnology and its Applications in Conservation Biology	Biotechnology	16 th & 17 th October, 2014	ZSI, DBT, DST, DRDO
4.	Industrial orientation programme	Biochemistry	28 th November, 2014	Self
5.	Auto-immunity and Auto-immune Diseases	Biochemistry & Pathology	10 th -11 th April 2015	Indian Immunological Society
7.	NDT (Neuro Development Therapy) in Stroke : Evidence & Application	Physiotherapy	28 th -29 th April, 2015	Self
6.	Spinal Manual Therapy: Cervical and Thoracic spine.	Physiotherapy	25 th -26 th May, 2015	Self

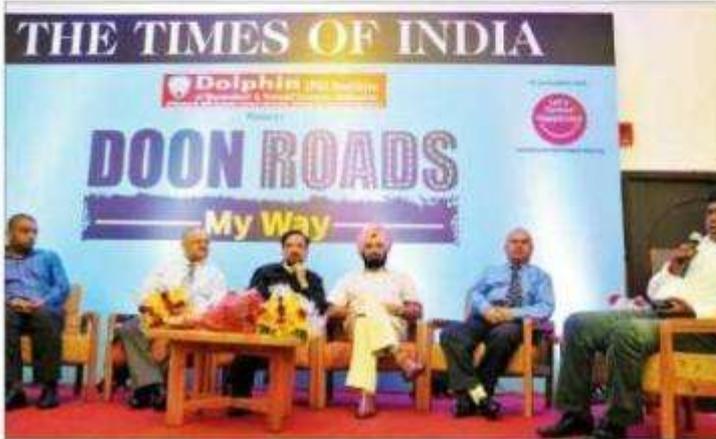
Times of India campaign on 'Doon Roads-My way' in partnership with Dolphin (PG) Institute of Biomedical and Natural Sciences, Dehra Dun (July 2015).

Annexure 10. TOI, DEHRA DUN: 03/08/2015

WHEN DOON DECIDED TO ACT

The culmination of TOI's campaign on traffic issues was a stimulating panel discussion involving multiple stakeholders including officials, citizens and students on what can be done to improve the city's roads

Times News Network
Dehradun: The atmosphere was abuzz with anticipation as an eminent panel took to the stage at Hotel Pacific last week to discuss ways in which the traffic situation in Dehradun, consistently highlighted by TOI through the 'Doon Road-My Way' campaign in the past few days, could be made better. Opening the discussion, B S Sidha, director general of police, pointed out that traffic management was a multi-department issue and it was unfair to blame the police, as was commonly done, whenever one was stuck in a traffic jam. "Although the job of the police is to enforce rules, we are not able to do it most of the time because policemen are forced to get involved in regulating traffic besides. If we have to make the traffic situation in the city better, it is essential to delineate responsibility between different depart-



ments and make those departments accountable for their actions."

To bring similar sentiments, B K Sax, managing director of the Uttarakhand Transport Corporation, said that each department involved in traffic management - whether it was the police, administration or the transport department, should own up to its own responsibility. "When queried about the glaring lack of public transport options in the city, Sax acknowledged that the public transport infrastructure in the city needs to be improved. "We are in the process of drafting a comprehensive transport policy which

is geared towards meeting the needs of Dehradun which is fast emerging as a metro city. We hope that once the policy is in place in the next 3-4 months, the public transport situation in the city should improve." Highlighting K O Jindal, president of the All India Consumers' Council, pointed out that in order to improve traffic infrastructure, the most important thing was to take care of the city's

roads. "At one time, Dehradun roads were clean roads after the rains, but now, roads are muddy and flooded after the monsoons. The root problem is that roads in Dehradun were not meant to take this much amount of traffic. Six to seven million vehicles depend to improve the road condition first." Supporting his opinion, D S Mann, chairman of Doon International School, pointed out that the width of roads

Opening the discussion, B S Sidha, director general of police, pointed out that traffic management was a multi-department issue and it was unfair to blame the police, as was commonly done, whenever one was stuck in a traffic jam

in the city had remained the same since almost 50 years, while the number of vehicles going registered every month had jumped up exponentially. "The solution to most of the traffic problems in the city lies in widening of roads and making left turns free at major intersections." When queried on the need for schools to open up parking space within their premises so that parents could park their vehicles inside when they came to pick up their children, Mann said that it was a step that schools should implement. "We permit parents to park their vehicles inside our campus. Many and more schools should do it if they have the space as it can help in decongesting of roads."

Highlighting another major reason for the traffic woes in the city, Anil Kumar, director of Dolphin Institute, which had partnered with TOI in the traffic campaign, said that Dehradun had amongst the highest per capita private vehicles in the country. "With almost 40,000 new vehicles being registered in the city annually, it's not surprising that roads are clogged and parking spaces are scarce." He added that youngsters should be sensitised about the need for wearing helmets and observing rules while driving to curb the alarming rate of accidents involving the youth.

Speaking about the provisions being made for creating more parking space, Rajiv Ranjan Singh of IIMDIA said that plans were afoot to build multi-level parking in Dehradun which could accommodate 2,000-2,500 cars as well as in Mussoorie where 500-600 cars can be parked to ease the traffic woes.

DOON ROADS My Way

READERS' VIEWS

66 I completely agree with what has been written in the article "Time to be the change, Doon" but I would like to point out that law enforcers have to be more stringent in implementing rules. It's good to be a friendly police, but not at the cost of enforcing discipline. What pains me most is when I see a car with a beacon breaking traffic rules more so when these are VIP or dignitary in the car. That's why there is so much chaos on the roads - **ROHIT GUPTA**

66 Thank you for initiating this traffic campaign. I would like to suggest that government vehicles should not be provided with drivers. Only when officials are made to drive themselves on the city roads will they take concrete steps to improve the roads and the traffic situation - **GOPIK AGARWAL**

66 With reference to the article "Mission mayhem: I wish to draw attention to the pathetic state of the city roads which become waterlogged whenever there is a downpour. Recently, I was perturbed to see that a man fell on the Red Red Kanawli Road because the road was swamped with water - **VARUN GUPTA**

66 The most problem is that roads in Dehradun were not meant to take this much amount of traffic. Serious attention needs to be paid to improve the road condition first - **BRIJ K S BHAL, PRESIDENT, ALL INDIA CONSUMERS' COUNCIL**

66 Most of the roads haven't been widened since past 50 years. The solution to most of the traffic problems in the city lies in widening of roads and making left turns free at major intersections - **B S MANN, CHAIRMAN, DOON INTERNATIONAL SCHOOL**

66 Plans are afoot to build multi-level parking in Dehradun which can accommodate 2,000-2,500 cars as well as in Mussoorie where 500-600 cars can be parked to ease the traffic woes - **RAJIV RANJAN SINGH, IIMDIA OFFICIAL**

66 It is imperative that youngsters should be sensitised about the need for wearing helmets and observing rules while driving to curb the alarming rate of accidents which are happening in Dehradun - **ANIL KUMAR, DIRECTOR, DOLPHIN INSTITUTE**

66 If we have to make the traffic situation better, it is essential to delineate responsibility between different departments and most importantly, to hold these departments accountable for their actions - **B S SIDHA, DIRECTOR GENERAL OF POLICE, UTTARAKHAND**

CAMPAIGN COVERAGE

Why so little parking space in a city with lakhs of vehicles?

STUCK ON THE ROAD

TIME TO BE THE CHANGE, DOON

Sampled the 'school rush'?

ACCIDENT CAPITAL

Road discipline, a must



Dr Manoj



Rajiv Ranjan Singh



Brij Kishor Singh



Dr Arun Kumar



Dr P S Gupta

Traffic Travails

Commuting on Doon roads is becoming a difficult exercise with each passing day. A seminar to this effect was organised by The Times of India in the city recently wherein the traffic scenario was discussed threadbare

byajali.Nair@timesgroup.com

The volume of traffic on Doon roads seems to be ever increasing. There is more number of traffic police personnel on the road than ever before to enforce traffic regulations, but the situation does not seem to improve. The problem is sure to go out of control in the coming years, fear Doonites. To spread awareness on the same, a seminar titled 'My Roads, My Way' was held in Doon on July 31.

Amongst the panelists on the occasion were Dr. Manoj Kumar, director of Doon Institute; Dr. Manoj, chairman Doon International School; Rajiv Ranjan Singh, MDA official; Brij Kishor Singh, president, All India Consumers' Council; and Dr. Arun, MD (Haryana) transport corporation.



Students of Ojhas High School

Organised under the aegis of The Times of India, the event was preceded by workshops in two schools, St Thomas College and Ojhas High, which were conducted by members of Civil Defence, Dolphin Institute supported the initiative. Let's Spread Happiness, an effort by Heads Up Entertainment, also pitched in with able support.

Addressing the gathering on the occasion, Shrija stated that there has

to be an effort on the part of the citizens to self-regulate on motor vehicles, which could considerably solve the problem. He informed that the traffic police have brought in many measures that should help in managing



Dr Manoj

the traffic in the city. There was a time for instance, when tempos could be seen floating all over the city, but they were assured a proper place to park. This considerably improved congestion on



A Doonite asking questions

the roads. A token system for monitoring their starting and estimating points was introduced. The police also put into effect stricter traffic rules. The administration also came down heavily on showrooms on Rajiv Road that had converted parking spaces into showrooms. These showrooms were issued notices to comply by rules within a stipulated time slot. The congestion scenario improved a lot as a result and parking facilities that had become a nightmare too became better.

But less visible on the traffic situation is truly becoming unmanageable for the authorities to handle. This is especially so during when children travel to and fro to schools. "This is because most of the roads are overcrowded as ever. The master plan shows that these roads are broad, but on ground, they are narrow. Majority of the roads have not been broadened as per the master plan for over five decades," states Dr. Manoj.

Shrija pointed out that traffic in Doon is a multifaceted issue that should be collectively handled by all, including the citizenry, MDA, Nagar Palika, PWD, School Principals etc.

It is appalling to see the inability of the authorities to tackle the scenario, over Arun Kumar. In many places there are no street lights and at all times we can see youths whirling past at breakneck speed making life hell for us residents. But now the city patrol squad has considerably tackled this situation. "It is important to make the youngsters understand the importance of wearing helmets and adhering to traffic rules," he added.

A CONSUMER CONNECT INITIATIVE

Unchecked drunken driving has become a menace that's endangering our lives. Kids drive about at breakneck speed and the authorities seem to be doing nothing. Roadside accidents are rising up getting their arms and limbs broken by unruly driving, states Brij Kishor. "Also our roads are in a deplorable condition, and must be improved at the earliest," he stated.

Our education system too has to take responsibility in awakening the students to this unerving reality that is bound to damage even their prospects in the future, added Rajiv Ranjan Singh, director, Ojhas High. "There has come when we have to behave like good citizens of the country. Youngsters should be given training in schools to abide by rules and think of their own safety as well as the safety of others."

"Plans are in the offing to build multi-level parking areas in the city that can accommodate a large number of vehicles," informed Rajiv Ranjan Singh.

"Doon City is bursting at the seams. It has become a city operating beyond full capacity. And the registration measures are only stop gap ones. All this has aggravated the traffic problem in the city," pronounced Dr. Gaurav, principal, St Thomas School.

Notwithstanding, director, Heads UP, asserted, "The flurry of population influx into the city has its demerits, the chief being the straining of the infrastructure. These growing pains are unavoidable. Any city cannot grow and develop without causing stress, but what we can do is join hands to suppress and lessen chaos."

The traffic situation is truly becoming unmanageable, especially when children travel to and fro to schools

Students of Dolphin Institute present at the event

A busy audience

Annexure 12. Dolphin Institutes new Scholarship being launched by the Honb'le Chief Minister of Uttarakhand on 06/08/2015.

www.dehradun.amarujala.com **अमर उजाला** **देहरादून** देहरादून शुकवार 6 अगस्त 2015



डॉल्फिन की छात्रवृत्ति योजना का शुभारंभ

समारोह में मुख्यमंत्री हरीश रावत ने डॉल्फिन (पीजी) इंस्टीट्यूट की विशेष छात्रवृत्ति योजना का शुभारंभ किया। इंस्टीट्यूट के चेयरमैन अरविंद गुप्ता ने कहा कि यह छात्रवृत्ति योजना उत्तराखंड बोर्ड के इंटरमीडिएट उत्तीर्ण उन छात्र-छात्राओं के लिए होगी, जो डॉल्फिन इंस्टीट्यूट के विभिन्न पाठ्यक्रमों में प्रवेश लेंगे। इंस्टीट्यूट के चेयरमैन ने कहा कि

इंटरमीडिएट में 65 से 70 प्रतिशत अंक लाने वाले छात्र-छात्राओं को हर साल पांच हजार रुपये, 70 से 75 फीसदी वालों को 7500, 75 से 80 फीसदी वालों को 10 हजार, 80 से 85 फीसदी वालों को 12500, 85 से 90 फीसदी वालों को 15 हजार और 90 फीसदी से अधिक अंक लाने वाले इंटरमीडिएट के छात्रों की शत प्रतिशत ट्यूशन फीस माफ होगी।

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
