

To
The Director
National Assessment and Accreditation Council (NAAC)
PO Box No. 1075,
Nagarbhavi
Bangalore 560 072

Dear Sir,

Sub: Submission of Annual Quality Assurance Report (AQAR) 2015-16
of D.B.S (PG) College, Dehradun -248001.

The college has prepared the Third Annual Quality Assurance Report (AQAR 2015-16) as per prescribed guidelines. The AQAR report along with necessary enclosures is submitted herewith for kind information.

Kindly acknowledge the same and oblige.

With warm regards

Dr. Anil Pal
Co-ordinator, IQAC

Dr. O.P. Kulshrestha
Principal

D.B.S (P.G) College Dehradun

Annual Quality Assurance Report (AQAR)

(Academic Year July 1st 2015 to June 30st 2016)

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

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

The Annual Quality Assurance Report (AQAR) of the IQAC
(For Affiliated/Constituent Colleges)

Year of Report 2015-16

Part – A

Data of the Institution

(data may be captured from IIQA)

1. Name of the Institution D.B.S.(P.G.) COLLEGE, DEHRADUN

- Name of the Head of the institution : Dr. O. P. Kulshrestha (Retd.)
- Designation: Principal
- Does the institution function from own campus: Yes
- Phone no./ Alternate phone no.: 01352654757
- Mobile no.: 9412976288
- Registered e-mail: dayabrij@gmail.com
- Alternate e-mail : opkul@rediffmail.com
- Address : D.B.S.(P.G.) COLLEGE,
- City/Town : DEHRADUN
- State/UT : Uttarakhand
- Pin Code : 248001

2. Institutional status:

- Affiliated / Constituent: Affiliated
- Type of Institution: Co-education/Men/Women Co-education
- Location : Rural/Semi-urban/Urban: Urban
- Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Self financing
(please specify) Grants-in aid/UGC 2f and 12 (B)
- Name of the Affiliating University: HNB Garhwal University, Srinagar, Garhwal
- Name of the IQAC Co-ordinator : Dr.Anil Kumar Pal

- Phone no. : 9456518182
- Mobile:
- IQAC e-mail address: dayabrij@gmail.com
- Alternate Email address:

3. Website address:

Web-link of the AQAR: (Previous Academic Year): Yes,
<http://www.dbscollegedehradun.in/AQAR2014-15.pdf>

4. Whether Academic Calendar prepared during the year?

Yes/No....., if yes, whether it is uploaded in the Institutional website: Yes

Weblink: www.dbscollegedehradun.in/Download/DBSProspectus2015-16.pdf

5. Accreditation Details:

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	B+	-	2004	from:2004 to: 2009
2 nd	B	2.61	2014	from:2014 to: 2019
3 rd				from: to:
4 th				from: to:
5 th				from: to:

6. Date of Establishment of IQAC: DD/MM/YYYY: 16/01/2005

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
Building Maintenance	06 to 07 August 2015	Committee members, teachers, staff members and students
Laboratory Up gradation	20 to 21 August 2015	
. College Automation	15 to 16 October 2015	
Library Automation	3 to 4 March 2016	

Note: Some Quality Assurance initiatives of the institution are:

(Indicative list)

- *Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual*

Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements

- *Academic Administrative Audit (AAA) conducted and its follow up action*
- *Participation in NIRF:* No
- *ISO Certification:* No
- *NBA etc.* No
- *Any other Quality Audit* Yes, NAAC

8. Provide the list of funds by Central/ State Government-

UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
DBS (PG) College	XII Plan Block Grant	UGC	2015-2016	1320000/-
DBS (PG) College	Remedial Coaching	UGC	2015-2016	1900000/-
DBS (PG) College	Common Room (Girls) and Toilet		2015-2016	100000/-
Dr. (Mrs.) Rakesh Singh	RTD Project	UCOST	2015-2016	500000/-
Dr. Divya Dudeja	Project	DST	2015-2016	876000/-
Dr. Kavita Rawat	Project	ICSSR	2015-2016	89000/-
Dr. Deepak Kumar	Project	ICSSR	2015-2016	100000/-
Dr. Sonu Dwivedi	Project	UGC	2015-2016	180000/-
Dr. Anju Bhatnagar	Project	UGC	2015-2016	37500/-
Dr. Ajay Kumar	Project	UGC	2015-2016	182500/-
Dr. YPS Pundir	Project	GBPIHED	2015-2016	233000/-
Dr. Anil Pal	Project	UGC	2015-2016	230320/-

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: Yes

*upload latest notification of formation of IQAC: Please see Annexure I

10. No. of IQAC meetings held during the year: Two per year

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website.....

Yes/No:

Yes (Please see Annexure I)

(Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? Yes/No: No

If yes, mention the amount: Year:

12. Significant contributions made by IQAC during the current year (maximum five bullets)

*Preparation of academic calendar.

*CAS evaluation and recommendations for promotions of teaching staff

*Promotion to teaching and learning through ICT among teaching faculties and staff members.

*Promotion of use of smart classes among faculty members.

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
Preparation of academic calendar	It was prepared in accordance with the HNB University, Garhwal, Srinagar
Promotion to teaching and learning through ICT	Workshop was organized on the topic "Teaching and learning through ICT"
Collection of self-appraisal form and department report of 2015-16	All reports were prepared in accordance with the NAAC guidelines
Preparation of AQAR	It was prepared in accordance with the NAAC guidelines

14. Whether the AQAR was placed before statutory body? Yes /No: Yes

Name of the Statutory body: Board of Management, DBS PG college, Dehradun
Date of meeting(s): Nil

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?

Yes/No: No

Date:

16. Whether institutional data submitted to AISHE: Yes/No: Yes

Year: 2016

Date of Submission: 26/02/16

17. Does the Institution have Management Information System?

Yes/No: Yes

If yes, give a brief description and a list of modules currently operational.

(Maximum 500 words)

MIS is highly useful to monitor the performance of educational programs and manage sharing and allocation of educational resources. Management Information System (MIS) has been just initiated in our college campus. The idea was to start MIS process in two phases, first, to start the online attendance process of both teachers and students and the second was that the admission process should be done online through MIS.

In first module of MIS the online attendance management information system for faculty and staff members of the college has been successfully implemented and proposed for the students in future. In second module, trials on the software of online admission process are going on and hope fully it will work in next academic session.

Part-B

CRITERION I – CURRICULAR ASPECTS					
1.1 Curriculum Planning and Implementation					
1.1.1 Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words					
The institution ensures to provide high-quality educational atmosphere along with various extra-curricular activities to all students. Academic calendar accommodates the details of the schedule of various academic activities. Continuous meeting by Principal, IQAC and HODs ensure that all the activities and programs conduct smoothly. All executive committees ensure proper monitoring of implemented rules and regulations. Encouragement of parent-teacher interaction, feedback analysis, results analysis and ICT tools have been done by IQAC at regular time interval. Regular review of course of action is done by executive committees of their areas and necessary changes in its work plan are made as per requirements.					
1.1.2 Certificate/ Diploma Courses introduced during the Academic year					
Name of the Certificate Course	Name of the Diploma Courses	Date of introduction and duration	focus on employability/ entrepreneurship	Skill development	
-	-	-	-	-	
1.2 Academic Flexibility					
1.2.1 New programmes/courses introduced during the Academic year					
Programme with Code	Date of Introduction		Course with Code	Date of Introduction	
NA			NA		
1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the Academic year.					
Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
B.A/B.Sc/M.A/M.Sc	Yes	Yes	B.A/B.Sc/M.A/M.Sc	01.07.2015	1.07.2012
Already adopted (mention the year)					
1.2.3 Students enrolled in Certificate/ Diploma Courses introduced during the year					
	Certificate		Diploma Courses		
No of Students	12		21		
1.3 Curriculum Enrichment					

1.3.1 Value-added courses imparting transferable and life skills offered during the year					
Value added courses	Date of introduction		Number of students enrolled		
English communication, Official Hindi, Environmental Sciences, Subject wise skill courses	01/07/2015		Entire B.A. & B.Sc. I students		
1.3.2 Field Projects / Internships under taken during the year					
Project/Programme Title		No. of students enrolled for Field Projects / Internships			
Dissertation		18 (Please see the Annexure II)			
1.4 Feedback System					
1.4.1 Whether structured feedback received from all the stakeholders.					
1) Students	2) Teachers	3)Employers	4) Alumni	5) Parents	
Yes	Yes	Yes	Yes	Yes	
1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)					
<p>The various executive committees such as Proctorial board, Women Grievance Cell, Human Right Cell, Anti tobacco Cell, Anti Ragging Cell, Prevention of Sexual Harassment Against Women Cell, Disaster Management, Student Bureau and Placement, NSS, and IQAC play an active role in developing a culture of quality within the institute. The good quality environment is maintained in the institute by taken several initiatives by the various executive committees throughout the academic year. Regular meeting and interactions were being done with students, faculty, staff, alumni and various stake holders of the college in concerning with the functioning and planning of various activities and developments in various disciplines. All the suggestion come from these meetings or interactions are considered seriously. The suggestions that can be feasible are implemented. Further, leaders and officials of student union also a major element to raise the issues and requirements of the students in front of college staff and grievance cell and relative committees worked out on all the grievances with amicable solutions. Moreover, during sensitive programme as student union election, members of LIU, police force and election commission receive the feedback from their own sources and personal efforts.</p>					
CRITERION II -TEACHING-LEARNING AND EVALUATION					
2.1 Student Enrolment and Profile					
2.1. 1 Demand Ratio during the year					
Name of the Programme	Number of seats available	Number of applications received	Students Enrolled		
B.Sc.	1770	4125	1757		
B.A.	810	1753	669		
M.Sc.	404	1103	283		
M.A.	240	500	112		
2.2 Catering to Student Diversity					
2.2.1. Student - Full time teacher ratio (current year data)					
Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2015-16	2426	408	52	47	52
2.3 Teaching - Learning Process					

2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)					
Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
52	42	To all	4	1	Internet
2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)					
<p>The IQAC plays a vital role in working as a bridge between students and college staff and working as student mentoring system by continuously evaluating the teaching and learning process and also evaluate the academic progress, administrative processes, co-curricular and extra-curricular activities. The IQAC initiates and ensure the implementation of quality enhancement and assurance measures for the betterment of the college and is directed under the guidance of principal. Beside this, other executive cells such as NSS, NCC, Rovers-Rangers, sports department and members of student union are also mentoring to students and helpful in increasing the working efficiency at all level. Apart from this, placement cell of the DBS college is always working for the bright future of the students, for this placement cell have organized various workshops, seminars and college placement programmes for the students.</p>					
Number of students enrolled in the institution		Number of fulltime teachers		Mentor: Mentee Ratio	
2834		52		54.5	

2.4 Teacher Profile and Quality				
2.4.1 Number of full time teachers appointed during the year				
No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
68	52	16	Nil	44
2.4.2 Honours and recognitions received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)				
Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies	
-	-	-	-	
2.5 Evaluation Process and Reforms				
2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year				
Programm	Program	Semester/ year	Last date of the last	Date of declaration of results of

e Name	me Code		semester-end/ year-end examination	semester-end/ year-end examination
B.A./B.Sc.	120/140	Three years/VI Semester	30 June 2016	June ,2016 (Last week)
M.A./M.Sc.	343/330/339/348/328/329/335/307/305/308.	IV Semester	30 June 2016	June ,2016 (Last week)

2.5.2 Refor ms initiated on Continuous Internal Evaluation (CIE) system at the institutional level (250 words)

The CBCS system is being instituted in the UG level and semester programmes have led to renovate the assessment procedures. University introduced new courses in semester system along with both summative and formative assessment procedures to enhance evaluation skills. In CBCS system, for each semester, all departments evaluate the students through a series of assessing formats such as ‘Internal Assessment Examination, submission of assignment and hands on training programme’. Further, for the promotion and innovation of teachers morale, organization of various workshops and seminars are also being proposed.

2.5.3 Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

At the beginning of every academic session of the college, the college presented an academic calendar and also referred to in the college prospectus. All faculty and staff members of the college are always fully dedicated to the smooth and complete implementation of the academic calendar presented by the college. Principal, members of IQAC and other executive committees are always endeavouring to successfully implementation of the academic calendar and for that all are constantly in contact with the students and the leaders of the student union.

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

www.dbscollegedehradun.in

2.6.2 Pass percentage of students

Programme Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
140	B. Sc	674	640	95%
120	B.A	183	170	93%
343	M. Sc Physics	15	15	100%
330	M. Sc Chemistry	13	13	100%
339	M. Sc Maths	60	60	100%
348	M. Sc Zoology	14	14	100%
329	M. Sc Botany	25	25	100%
335	M. Sc Geology	17	17	100%
307	M.A English	06	06	100%
305	M.A Economics	23	23	100%
308	M.A Geography	27	27	100%

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design

the questionnaire) (results and details be provided as weblink) www.dbscollegedehradun.in

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 Resource Mobilization for Research

3.1.1 Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year
Major projects 1.Rakesh Singh (chemistry)	Three Years	UCOST	500000/-	1283200/-
2. Divya Dudeja (Geology)	Three Years	DST	876000/-	876000/-
3. Dr. Anil Pal	Three Years	UGC	230320/-	230320/-
Minor Projects 1.Dr. Anju Bhatnagar	One and half Year	UGC	37500/-	37500/-
2.Dr. Ajay Kumar	Eighteen months	UGC	182500/-	182500/-
3. Dr. Sonu Dwivedi	One and half year	UGC	180000/-	180000/-
Interdisciplinary Projects	-			
Industry sponsored Projects				
Projects sponsored by the University/ College				
Students Research Projects (other than compulsory by the College)				
International Projects				
Any other(Specify)				
Total				

3.2 Innovation Ecosystem

3.2.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of Workshop/Seminar	Name of the Dept.	Date(s)
NA	NA	NA

3.2.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
NA	NA	NA	NA	NA

3.2.3 No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Centre	Name	Sponsored by
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No	--	--	
Name of the Start-up	Nature of Start-up	Date of commencement	
No	--	--	
3.3 Research Publications and Awards			
3.3.1 Incentive to the teachers who receive recognition/awards: No			
State	National	International	
NA	NA	NA	
3.3.2 Ph.Ds awarded during the year (<i>applicable for PG College, Research Center</i>)			
Name of the Department	No. of Ph.Ds Awarded		
Nil	Nil		
3.3.3 Research Publications in the Journals notified on UGC website during the year			
	Department	No. of Publication	Average Impact Factor, if any
National	Geology	01	
	Mathematics	01	
	Physics		
	Chemistry	02	
	Zoology	03	
	Botany	01	
	Geography	05	
	Economics	01	
	Sociology		
	Hindi		
	English		
International	Defence Studies		
	Geology		
	Mathematics	02	
	Physics	01	
	Chemistry		

	Zoology		
	Botany	05	
	Geography	--	
	Economics	--	
	Sociology		
	Hindi		
	English		

3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	No. of publication
Mathematics	02

3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
-	-	-	-	-	-	-

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of	Name of the	Title of the	Year of publicatio	h-index	Number of citations excluding self	Institutional affiliation as mentioned in the
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the paper	author	journal	n		citations	publication
-	-	-	-	-	-	-

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	National level	State level	Local level
Attended Seminars/ Workshops	01(Maths)	01(Maths) 01(Physics) 01(English) 01(Sociology)	--	--
Presented papers	--	07(Maths) 05(Physics)	01(Economics) 01(Sociology)	--
Resource Persons	01(Chemistry)	--	01(Maths)	--

3.4 Extension Activities

3.4.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated such activities	Number of students participated in such activities
RDC New Delhi	NCC	02	12
March past	Rovers	01	10
Youth Camp	NSS	02	08

3.4.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
Nil	Nil		

3.4.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
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3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration	
-	-	-	-	
3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year				
Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
Dissemination Work	Research and Development	Wadia Institute, ONGC, IIRS, UJVN, Wildlife, FRI and Pharma Industries	2 to 3 Months In 4 th Semester of PG classes	All students of Geology, Microbiology, Biotechnology and few students of Botany
3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year				
Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs	
-	-	-	-	
CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES				
4.1 Physical Facilities				
4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year				
Budget allocated for infrastructure augmentation		Budget utilized for infrastructure development		
4.1.2 Details of augmentation in infrastructure facilities during the year				
Facilities	Existing	Newly added		
Campus area	14317.93 sq m			
Class rooms	14	05		
Laboratories	20	03		
Seminar Halls	02	--		
Classrooms with LCD facilities	10	--		
Classrooms with Wi-Fi/ LAN	All rooms	--		
Seminar halls with ICT facilities	1			
Video Centre	1			
No. of important equipments purchased ₹ 1 -0 lakh) during the current year:	--	01(Physics) 01 (Geology)		
Value of the equipment purchased during the year (Rs. in Lakhs)	--	20 Lakhs		
Others				
4.2 Library as a Learning Resource				
4.2.1 Library is automated {Integrated Library Management System -ILMS} Yes				
Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation	
WINSIS	Partially	WT-02	2013	
4.2.1 Library Services:				
	Existing	Newly added	Total	

	No.	Value	No.	Value	No.	Value
Text Books	45320	--	1132	313266	46452	--
Reference Books	400	--		--		--
e-Books	--					
Journals	29					
e-Journals	--					
Digital Database	--					
CD & Video	--					
Library automation	--					
Weeding (Hard & Soft)	--					
Others (specify)						
News Paper	10					
Magazine	07					

4.3 IT Infrastructure

4.3.1 Technology Upgradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available bandwidth (MGBPS)	Others
Existing	75	yes	yes	yes	yes	yes	yes	2-4 mbps	--
Added	--	--	--	--	--	--	--	--	--
Total									

4.3.2 Bandwidth available of internet connection in the Institution (Leased line)

2-4 mbps..... MBPS /GBPS

4.3.3 Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NA	NA

4.3.4 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e – content
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4.4 Maintenance of Campus Infrastructure

4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
2251789/-	2251789/-	-	-

4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (*maximum 500 words*) (information to be available in institutional Website, provide link) www.dbscollegedehradun.in

The college constantly endeavouring to enhance its performance and reputation. Along with quality teaching, college has established and constantly promotes to various facilities such as up-gradation of laboratories with advance equipments, sports facilities, cultural events, seminars, workshops, research and development.

The college has newly build Bio-Sciences, Earth Sciences, Laser and Geo Technology Laboratories. There is a modern Language Lab to train the students in language skills needed for employability. Further, the college has a well stacked library with over 47000 titles and subscription to many journals with a computerized data base and assess for providing a strong knowledge base to our faculty and students.

The department of physical education offers facilities for cricket, table tennis, athletics and basket ball etc. The college has set up a gymnasium with modern facilities. A canteen to cater to the needs of students, teaching and non-teaching staff also exists.

Co-curricular activities like NSS, NCC, Rovers & Ranger, Human Rights Training (NHRC), Geofraternity

Club and Literary Society are available for the overall development of the students. Until recently, the college has received grants from UGC, DST/FIST, ICSSR, NHRC, UHRC and UCOST for developing its labs, infrastructure, organizing seminars and research projects and striving for a status of Centre of Excellence moving further from a status of CPE, "A Centre with Potential for Excellence". In addition, over 200 students are getting INSPIRE scholarship- a scholarship of rupees 80000/- per annum from DST.

CRITERION V - STUDENT SUPPORT AND PROGRESSION

5.1 Student Support

5.1.1 Scholarships and Financial Support

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution			
Financial support from other sources			
a) National	Inspire Scholarship	221	80000/-
	Post Metric Scholarship	190	4000 to 8000/ per student
b) International	-	-	-

5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Remedial Coaching	November 2015 to April 2016	14	UGC and DBS PG College
NET Coaching		12	
Coaching for Civil Services		40	
Language Lab		33	
Yoga and Meditation Camp			
Workshop on Time Management			
Workshop on Skill Enhancement			

5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed

5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
Nil	Nil	Nil

5.2 Student Progression

5.2.1 Details of campus placement during the year

On campus			Off Campus		
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed

5.2.2 Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to

5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	No. of Students selected/ qualifying	Registration number/roll number for the exam
NET	01	431282 (Maths)
SET	01	09051985(Economics)
SLET		
GATE		
GMAT		
CAT		
GRE		
TOFEL		
Civil Services		
State Government Services		
Any Other	01(University Gold Medal)	79663580

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Participants
Chess (M and W)	Winner	1
Table Tennis (M)	Winner	1
Handball (W)	Winner	1
Basketball (W)	Winner	
Judo (M and W)	Runner-up	
	Winner	3

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/	National/	Sports	Cultural	Student ID	Name of the

	medal	International			number	student
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5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Being a student union is a reflection of democracy in any college. Like every year in our college, this year also a student union unit was formed from the representative elected by the college students. Student union unit has always been conscious and strenuous towards the needs of the students and the progress of the college. Because of this, sometimes there was a conflict situation arises with the college administration on some issues. Apart from this, the student union organizes the fresher party at the beginning of each academic year, the farewell ceremony at the end of the academic year and the student union week celebration in March. Various cultural programmes, quiz and drawing competitions are organized at the Student Union Week celebrations.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words): NO

To provide an opportunity to old students and parents to contact to their alma mater, the college has an Alumni.

5.3.2 No. of enrolled Alumni: www.dbscollegedehradun.in/website/AluminiMember.aspx

5.3.3 Alumni contribution during the year (in Rupees) : Nil

5.3.4 Meetings/activities organized by Alumni Association : One

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)

College practices decentralization and participative management mode of administration. Every faculty member is in charge of one or other activities with few exceptions where a person is holding dual charges. The incharge enjoys full freedom to choose his team members and assign them responsibilities individually. thus an excellent federal system is working well. Principal time to interact with incharge or call full committee meetings. These meetings usually take policy decisions and devises operational procedure. This reduces considerable work load of the office and generate valuable experience among faculty members to tackle day to day problems and handle unforeseen challenges. We also try to modify or apply correction on the basis of past experiences e.g. CBCS program offers varieties of courses as it is devised on pan India basis but when applied on ground college come across many hurdles and even in a very good institution all options can not be implemented. College has decided to spreading of course in number of semesters should be restricted to only one semester similarly instead if teaching varieties of languages only limited languages should be taught. Thus considerable ease is felt. Meetings of the heads of the departments are called frequently to discuss emerging and pending issues. All decision are unanimously taken and implemented earnestly. Office staff and subordinate staff (class four) also discuss matter either individually or through their unions at principal or departmental levels. Students have to interact with different organs of the college administration. Fresh students are assisted by their leadership to solve the their difficulties as they're not well versed with the procedural aspects or college officials. Management has offered considerable freedom to principal to work without hurdles. General house meeting of all components usually held in free and frank atmosphere.

6.1.2 Does the institution have a Management Information System (MIS)? Yes/No/Partial:
Yes
6.2 Strategy Development and Deployment
6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):
❖ Curriculum Development College faculty plays effective role in curriculum Development within the University and in other universities. Sr faculty members are invariably members of board of studies of their subjects. They play constructive role in devising and upgrading of syllabus on the basis of past experience, discussions with colleagues or peers, subject experts and current trends in the development of the subjects
❖ Teaching and Learning teachers have been sent in refresher and orientation courses to upgrade themselves and were asked to select books of their choice for library. These two steps benefit immensely students as better informed faculty deliver better performance. Teachers were also asked to frame questions in such manner that students thinking get stimulated and in class room they were asked to narrate daily example related with their subjects and also to explain about current development in their field. We do invite expert lectures for latest development.
❖ Examination and Evaluation The university examination schedule and rules of promotions as prescribed by the HNB Garhwal University have been applicable. During each semester two sessional examinations by the college and one end-semester examination by the university for PG students and one sessional examination and one end-semester examination for UG students
❖ Research and Development DBS college always promotes the research and development environment by encouraging the faculty members to attend the research oriented programme and start up the collaborative/individual research programmes/projects. College grants the duty leaves to the faculty members to attend conferences, seminars and workshops etc. In view of future requirements, the plan for the formation of the new Research Advisory Committee is proposed.
❖ Library, ICT and Physical Infrastructure / Instrumentation: The College has a well stacked library with over 47000 titles and subscription to many journals with a computerized data base and assess for providing a strong knowledge base to our faculty and students. CCTV has been extended to all classes and laboratories.
❖ Human Resource Management Every year the board of management of DBS PG college reviews the requirement of the faculty and staff members and start the new appointment process through prescribed rules and regulations. As per requirements, the college management arranges the guest or visiting faculties in some departments.
❖ Industry Interaction / Collaboration Teacher of institutions are in collaboration with best publisher all across the country to publish books of their particular subjects. Students regularly visit construction sites for their projects etc
❖ Admission of Students Admission process for graduate students was through offline mode and students of Post graduation use to fill their form through online mode admission committee of four teacher was made for under graduate and all heads of departments are in charges of post graduation students. Admission was strictly on the basis of merit of students, Generally two or three days were given to take admission and after that another merit list was declared.

6.2.2 : Implementation of e-governance in areas of operations:					
❖ Planning and Development Partial					
❖ Administration Partial					
❖ Finance and Accounts Partial					
❖ Student Admission and Support Partial					
❖ Examination Full					
6.3 Faculty Empowerment Strategies					
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year					
Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support	
	-	-	-	-	
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year					
Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non- teaching staff)
	-	-			
6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year					
Title of the professional development programme		Number of teachers who attended		Date and Duration (from – to)	
Orientation Program		01		18.05.15-13.06.15	
6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):					
Teaching			Non-teaching		
Permanent		Fulltime	Permanent	Fulltime/temporary	
Nil					
6.3.5 Welfare schemes for					
Teaching			Weekly Medical Check-up, Benevolent fund scheme, maternity and childcare leave facilities for members of lady staff, facility of 3 months advance salary to meet out any emergency expenditure and contribution towards life insurance.		
Non teaching			Weekly Medical Check-up, Benevolent fund scheme,		

	maternity and childcare leave facilities for members of lady staff, facility of 3 months advance salary to meet out any emergency expenditure and contribution towards life insurance.
Students	Various scholarship schemes have been available. Placement Cell of the college always works as a source of information for the availability of jobs in their concerning streams. It also provides the guidance for students to enhance their employability skills. Moreover, placement cell organizes in campus and off campus placement opportunities through campus placement interview/exams.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly (with in 100 words each)
College accounts records are maintained by a dedicated account section. Account records are regularly audited by internal and external auditors. Internal auditors are appointed by the Board of Management to comprehensively check the accounts. These internal auditors come from out of city to prevent any favorable considerations. Reports of the IA is submitted to management and actions are initiated by the as per findings in the audited reports. The external auditors conduct audit as and when appointed by the CAG. CAG audit is on selective basis and audit reports are sent to Government and to the management for the further actions.

6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose
Nil	Nil	

6.4.2 Total corpus fund generated

6.5 Internal Quality Assurance System

6.5.1 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	No	Yes	Principal
Administrative	No	No	Yes	Principal

6.5.2 Activities and support from the Parent – Teacher Association (at least three)				
1.				
6.5.3 Development programmes for support staff (at least three)				
1. Time bound allotted working hours. 2. Provide the weekly medical check-up facility. 3. Skill development workshop and training programme have been organized.				
6.5.4 Post Accreditation initiative(s) (mention at least three) Try to worked out, pointed short coming , creation of extra space, betterment of laboratories and library.				
6.5.5				
a. Submission of Data for AISHE portal : (Yes /No) Yes				
b. Participation in NIRF : (Yes /No) No				
c. ISO Certification : (Yes /No) No				
d. NBA or any other quality audit : (Yes /No) No				
6.5.6 Number of Quality Initiatives undertaken during the year				
Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to-----)	Number of participants
	Building Maintenance	06 to 07 August 2013, Two days	Two days	Committee members, teachers, staff members and students
	Lab Up gradation	20 to 21 August 2013 Two days	Two days	
	College Automation	15 to 16 October 2013 Two days	Two days	
	Library Automation	03 to 04 March 2014 Two days	Two days	

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period (from-to)	Participants	
		Female	Male
Save the Girl Child	21 st November 2015	50	NA
Girls Literacy	26/12/2015 to 31/12/2015	52	NA
Anti Dowry	25/12/2015 to 31/12/2015	55	NA

7.1.2 Environmental Consciousness and Sustainability: NCC and NSS

Alternate Energy initiatives such as: Nil

Percentage of power requirement of the College met by the renewable energy sources

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes/No	No. of Beneficiaries
Physical facilities	Yes	-
Provision for lift	No	-

Ramp/ Rails	Yes (only at ground floor)	-
Braille Software/facilities	No	-
Rest Rooms	Yes	-
Scribes for examination	Yes	-
Special skill development for differently abled students	Nil	-
Any other similar facility	NA	-

7.1.4 Inclusion and Situatedness

Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2015-16	Tree Plantation, literacy campaign	Voter ID card and Aadhar card registration camp	As and when required	Enrolment of first time Voter	-	250-300

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Nil		

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from-----to-----)	Number of participants
Cleanliness Drive	21st June 2016 2nd October 2015	All the students, teachers and staff members

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)

Pure and safe environment is not only important for college campus but it benefits the entire society. To keep the environment clean, the entire college administration is always strive hard. Concerning executive committee, on regular basis implements healthy ecological practices to save water, energy and waste management. Some of the initiatives of eco-friendly practices in college campus include:

1. The use of plastic bags is banned in college campus.
2. Increase the use of energy efficient lighting.
3. Plantation in college campus as well as outside the campus.
4. Conducting a cleanliness drive in college campus on 2nd October.
5. Ensure the safe disposal of waste materials.

7.2 Best Practices

Describe at least two institutional best practices

Upload details of two best practices successfully implemented by the institution as per NAAC format in your

institution website, provide the link: www.dbscollegdehradun.in

1. As formerly, the best practice of the college has been to provide employment oriented good quality education to our students. College administration is committed to the empowerment of the students of the weaker sections including SC and ST categories students. In this context, the college makes every effort to provide financial help to these students through different types of scholarships.
2. Enhancement in the application of ICT teaching and learning process.

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust
Provide the weblink of the institution in not more than 500 words

Academic excellence since the inception of the college is in 1961 DBS college Dehradun has been recognised as one of the best college in India of science stream in Geology which holds the distinction of being the first affiliated grant in aid college to offer post graduate geology course in entire north India apart from Banaras Hindu, Aligarh Muslim University and Lucknow University, In early seventies the college was awarded as best college in UP for three consecutive years. Many alumni of the college reached highest position in central and state govern university and organisation like survey of India, Geological Survey of India, Forest Research Institute, Zoological Society of India, DGM, and Indian Beauru of Mines. The former students have also contributed to the strength of Indian defence forces and various other public organisations.

Academically beside producing excellent post graduates in various disciples, more than hundred fifty Ph.D students have passed out from the college students have excelled in sports, games and extracurricular activities. Besides this the college have been conducting National level seminars and workshops the teachers of the college regularly attend orientation course conducted by various universities and also handle major minor research projects regularly.

8. Future Plans of action for next academic year (500 words)

The future plans for 2015-16 are

- To get ready for introduction of semester system in undergraduate classes.
- To try for space/lecture halls in the college
- To stock books as per requirement of UG semester system
- To renew electoral wiring in some room.
- To purchase more computers
- To construct miniauditorium if possible with smart class facilities
- To encourage faculty members to attend refreshers and orientation courses
- To encourage students to appear in competitive examination.
- To celebrate Golden Jubilee of Geology Department
- To promote sports activities in the campus for better achievement
- To efforts for filling of remaining vacancies in the campus
- To replace old furniture in Reading Room and in some class rooms
- To help needy students through scholarships
- To open chapters of the college alumni in different cities.
- To encourage faculty to apply for research projects, seminars

Name Dr. Anil Pal

Name A.K. Brijani

Anil Pal

Signature of the Coordinator, IQAC

A.K. Brijani

Signature of the Chairperson, IQAC

PRINCIPAL
D.B.S. (PG) COLLEGE
DEHRADUN

Abbreviations:

CAS	-	Career Advancement 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

For Communication with NAAC

The Director

National Assessment and Accreditation Council (NAAC)

(An Autonomous Institution of the University Grants Commission)

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Website: www.naac.gov.in

Annexure-1



डी०बी०एस० (पी०जी०) कालेज,

देहरादून - 248001 उत्तराखण्ड

E-Mail: dayabrij@gmail.com, Phone/Fax: 0135-2654757,

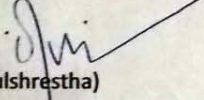
Website: www.dbscollegedehradun.in

Date: 20/7/15

Following members will constitute Internal Quality Assessment Cell (IQAC) for the year, 2015-16

- 1- Dr. AK Biyani
- 2- Dr Gorakhnath
- 3- Dr. Anil Pal Coordinator
- 4- Dr. Divesh Singh
- 5- Dr. BS Rawat
- 6- Dr. Sheetal Kanojia
- 7- Dr. Abhishek Gupta
- 8- Dr. KP Singh

Coordinator is authorized to induct other members as per NAAC guidelines


(Dr. O.P. Kulshrestha)
Principal & Chairperson AQAR



डी०बी०एस० (पी०जी०) कालेज, देहरादून - 248001 उत्तराखण्ड

E-Mail: dayabrij@gmail.com, Phone/Fax: 0135-2654757,

Website: www.dbacollegedehradun.in

Following members are nominated in the IQAR committee as special category member for the academic year 2015-16.

Member of the Management :	Shri Ashok Narang (President BOM, DBS (PG) College)
Senior Administrative Officer:	Shri B.K. Shukla
Local Society :	Sardar Jeevan Singh
Student :	Km. Arti Bisht
Alumni :	Dr. Santosh Kumar
Employer/Industrialist :	Shri Rakesh Narang
Stalk Holder :	Dr. J.P. Gupta

Coordinator IQAC

(Dr. Anil Kumar Pal)

Date: 23.08.15

Time: 1:00 pm

A meeting of internal quality assessment cell was organized today at 1.00 pm. It was attended by following members-

1. Dr. Anil Pal
2. Dr. Gorakh Nath
3. Dr. Bidyut Bose
4. Dr. B.S. Rawat
5. Dr. Sheetal Kanojia
6. Dr. K.P.Singh
7. Dr. Santosh Agarwal

Minutes of the meeting are

1. Confirmed the minutes of last meeting
2. Room in auditorium block have been completed, furniture to be fixed
3. Purchase computer for language lab and physics department
4. To start UGC sponsored coaching classes for SC/ST/OBC and minority students for NET/GATE coaching, Competitive Exam. Coaching and remedial classes and tutorials
5. To arrange classes for B.Sc. students of Shri Dev Suman University
6. To the participate in blood donation activities
7. Offer is received usually from human right to organize a debate in the campus this should be accepted

Date: 12.05.16

Time 10:00 am

A meeting of internal quality assessment cell was organized today at 10.00 am. It was attended by following members

1. Dr. Anil Pal
2. Dr. Gorakh Nath
3. Dr. Divesh Singh
4. Dr. Santosh Kumar
5. Dr. Bidyut Bose
6. Dr. B.S Rawat
7. Dr. K.P Singh

The minutes of meeting /action taken report

1. Furniture was installed and room were designated for arts classes
2. 12 new computers were purchased
- 3 Remedial classes, coaching classes for NET/GATE coaching, Competitive Exam were conducted these classes were meant for SC/ST/OBC and minority students.
4. In house faculty were assigned for SPSU students of B.Sc. in their evening classes
5. Blood donation camp was organized and total 19 unit of blood was collected.
6. A seminar on human right- rights of women was conducted on December 18, 2015. It was a seminar-cum-workshop event
7. Students were effectively coached for competitive exams and in geography department total 8 student were selected as a “guest faculty”
8. Books were purchased in library
9. Furniture of room number 12 has been changed in result of this reading capacity is increased
- 10.** Thirty chairs of plastic were purchased for library and other departments
- 11.** Tin shade roofs was prepared in geology department and problem of seepage/percolation was stopped to great extent
- 12.** Water purifier engineers told that seepage of exhausting plant will do the work. Therefore there plant were got repaired
- 13.** Teachers were encouraged to conduct seminar but proposal could not be finalized

Annexure-2

Dissertation

S.No.	Name of student	Topic	Supervisor
1	Prayati Sharma	Inventory and monitoring of glacial lakes of Utrakhand	Dr. A.K.Biyani Dr. Pratima Pandey
2	Mukesh Singh	Drainage Analysis and Landslides Susceptibility Mapping in rupin watershed Tons Valley Garhwal Himalaya Uttarakhand	Dr. A.K.Biyani Dr. P.K. Champati Ray
3	Rahul Rawat and Anuja and Astha Dangwal	Study of Landslides in Mohand Area	Dr. D.K.Bhatt
4	Prerna Prasad	Comparative Study of Mineral Methods in Monal and Baddhua limestone Mines of Srinagar District of Himachal Pradesh	Dr.D.K.Bhatt
5	Annu Singh and Damini Dogra	Deformation Analysis in part of Uttarakhand using Satellite image Analysis and Ground Based Geophysical Techniques	Dr.D.K.Bhatt, Dr.P.K.Champati Ray and Dr. Suresh Kanhiya
6	Ayushi Bisht and Anjali Rawat	Study of Landslides from Nuniyas to Koti and Kimadi to Rikhuli area Doon Vally	Dr. A.K. Biyani
7	Mehtab Alam	Comparative Study of Landslides at Maldevta and Shahansai Ashram	Dr. A.K. Biyani
8	Naveen Joshi	Geology Around Hathipaon area Mussoorie Syncline (Garhwal lesser Himalaya)	Dr.D.k.Bhatt
9	Peleno Toso Vikuovono kikhi	Stratigraphy of NAGALAND	Dr.D.K.Bhatt