

2.4.2 (QnM) Average percentage of full-time teachers with PhD, DM/M.Ch/DNB in superspecialties/DSc./DLit/other PG degrees in health sciences (like MD, MS, MDS etc.) for recognition as Ph D guides as per the eligibility criteria stipulated by the regulatory councils/Affiliating Universities during the last five years

Year	Name of full-time teachers with PhD/DM/M.Ch/DSc/DLit/ DNB in superspecialties/ other PG degrees in health sciences (like MD, MS, MDS etc.) for recognition as Ph D guides as per the eligibility criteria stipulated by the Regulatory Councils/Affiliating Universities	Year of obtaining PhD/DM/M.Ch/ DSc./DLit/DNB in super specialties/other PG degrees in health sciences (like MD, MS, MDS etc.) for recognition as Ph D guides as per the eligibility criteria stipulated by the Regulatory Councils/Affiliating Universities	Whether recognised as research guide for PhD	Total number of teachers
2023-24	Dr S.Karpagavalli	2005	Yes	110
2023-24	Dr Himanshu Aeran	1990	Yes	110
2022-23	Dr Himanshu Aeran	1990	Yes	112
2021-22	Dr Himanshu Aeran	1990	Yes	137
2021-22	Dr S.Karpagavalli	2005	yes	137
2019-20	NIL			116

Narayan


2.4.2B COPIES OF GUIDESHIP LETTERS / AUTHORIZATION OF RESEARCH
PHD GUIDES PROVIDED BY UNIVERSITIES.

(Established Under Govt. of Punjab Ordinance 7 of 2012)



DESH BHAGAT UNIVERSITY

Amloh Road, Mandi Gobindgarh (Punjab)

CERTIFICATE FROM CO-SUPERVISOR

Certified that:

1. I do hereby give my consent to act as Co-Supervisor of the candidate Dr. Cheena Singh D/o Sh. Joginder Singh for Ph.D. Research in the Branch Dental science and area/specialization Oral Medicine and Radiology.
2. The above candidate is not related to me.
3. The following number of research scholars are pursuing their Ph.D. research with me (including this candidate) is as:-

Ph.D.		Total
R*	E**	
	31200-DBU(mg) 2022	1

R*- Registered

E**-Enrolled

Date: 17-06-2024

S. Karpagavalli (Signatures)

Name of Co-Supervisor: Dr. S. Karpagavalli

Designation: Professor and Head, Department of Oral Medicine and Radiology

Address : Seema Dental College and Hospital, Virbhadra Road, Pashulok, Rishikesh-249203, Uttarakhand.

Institute/University: Seema Dental College and Hospital, Rishikesh, Uttarakhand

E-mail: drkarpax27@gmail.com, sdchomrhod@gmail.com

Signature of Principal/Director/Vice-Chancellor
(With Seal, Where working)



(Director Research, Desh Bhagat University)



SRI RAMACHANDRA
INSTITUTE OF HIGHER EDUCATION AND RESEARCH
(Deemed to be University)

Porur, Chennai - 600 116
Phone : 091-44-2476 8027, 31-33
Fax : 091-44-2476 5995
www.sriramachandra.edu.in

Regn. No.: **U02210840**

04.05.2022

To

Dr. Karpagavalli S

Professor & Head,

Seema Dental College and Hospital, Virbhadrha Road, Aam Bhag,

Pashulok Post, Rishikesh,

Uttarakhand – 249 203.

Sub: Provisional registration for Ph.D. Degree Part Time program and approval of the Research Supervisor/Research Co-supervisor under whom the candidate proposes to conduct research.

Ref: Application of Dr. Karpagavalli S for Provisional Registration for Ph.D. Program.

Dr. Karpagavalli S is informed that she has been provisionally registered for the Ph.D. Degree (Part Time) Program from **11.05.2022** in the Faculty of Dentistry and she is permitted to carryout research work in the area of "Orofacial Pain -Temporomandibular disorder (TMD)". The Research Supervisor and Research Co-supervisor approved for the research work of the scholar are/is:

Dr. Aravind Warriar S, Professor & Head, Dept. of Oral Medicine and Radiology, Sri Ramachandra Faculty of Dental Sciences, SRIHER (DU), Porur, Chennai - 600 116. (**Research Supervisor**)

Dr. Himanshu Aeran, Director Principal and Professor & Head, Dept. of Prosthodontics & Crown and Bridge, Faculty of Dental Sciences, Seema Dental College & Hospital, Virbhadrha Road, Aam Bhag, Pashulok Post, Rishikesh, Uttarakhand-249 203. (**Research Co-Supervisor**)

2. The provisional registration of the research scholar is subject to compliance of the requirements specified in the Ph.D. Regulations (2022) of this Deemed University and the UGC (Minimum Standards and Procedure for Award of Ph.D. Degree) Regulations (2016), and further amendments/modifications made, from time to time, thereto and subject to the provisions mentioned below :-

- (a) The research scholar should work for a minimum period of 3 years after the provisional registration under the guidance of the Research Supervisor and should submit thesis thereafter; but before completion of 6 (six) years, i.e., on or before **10.05.2028** .
- (b) The research scholar should make a presentation of his/her Ph.D. research proposal to the Ph.D. Admission Committee for approval within 3 months from the date of Provisional Registration. This requirement is mandatory for continuing the provisional registration as given in Regulation 13.4.3.
- (c) The research scholar must undergo course work during the 1st year as provided in the Ph.D. Regulations. The Research Advisory Committee shall prescribe the course work and methodology of research and conduct the Research Methodology Examination and perform such other functions as required under the Ph.D. Regulations. Completion of the prescribed course work is a precondition to appear for the Research Methodology Examination at the end of 1st year after provisional registration. The Research Methodology Examination will be conducted in the Deemed University premises only. Every research scholar shall be examined by the Research Advisory Committee by written and oral tests to assess his/her skills.

Contd.....2

(d) Relevant documentary evidence of having completed the course work including certificates duly certified by the Research Advisory Committee, should be submitted by the research scholar to the Controller of Examinations before taking Part – I Research Methodology Examination. Otherwise, the research scholar will not be permitted to take the said Examination.

3. The Part-I Research Methodology Examination shall consist of the following papers:-

Sl. No.	Course code	Course Title	University Exam Marks			Total
			Credits	Theory	Practical	
1.	U0222CT101	Research Methodology, Biostatistics & Computer Applications	3	100	0	100
2.	U0222CT102	Research and Publication Ethics	2	50	0	50
3.	U0222CT103	Advanced Course in Area of Research	3	100	0	100
4.	U0222CL104	Review of Literature and Research Proposal	3	0	100	100
5.	U0222CL105	Viva Voce – related to research proposal	2	0	50	50
TOTAL			13	250	150	400

4. The research scholar shall submit bi-annual / six-monthly progress reports which shall be forwarded by the Research Supervisor to the Academic Officer (marking a copy to the scholar), till the submission of synopsis by the scholar. It shall be accompanied by an attendance certificate from the Research Supervisor/Research Co-supervisor (wherever applicable). Failure on the part of the research scholar to submit two consecutive six-monthly reports will entail cancellation of registration of the candidate on a report made by the Research Supervisor and / or the Academic Officer to the Vice-Chancellor in this behalf.

5. The research scholar shall appear before the Research Advisory Committee once in six-months for progress evaluation. He/she is required to make a presentation of the progress of his/her work before the Research Advisory Committee for evaluation and further guidance.


Academic Officer

Copy to:

The Research Supervisor
The Research Co-Supervisor
The Dean (Research)
The Controller of Examinations
The Senior Assistant Registrar (Student Services)
The Dean, Sri Ramachandra Faculty of Dental Sciences

Saveetha Dental College

Research Approval Application

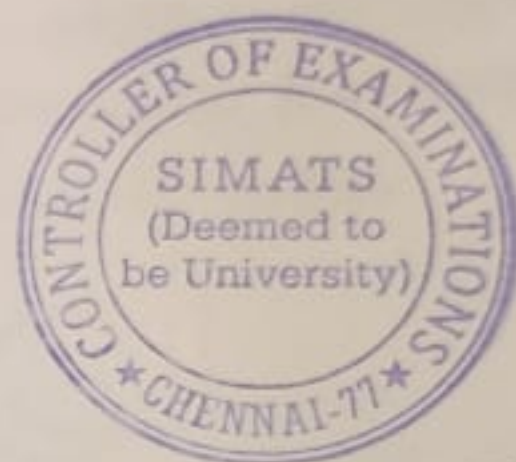


Research Title	Assessment of efficacy of Curcumin Nanoparticles through Buccal Drug Delivery in comparison with topical curcumin gel in the management of Chemo/Radiotherapy Induced Oral mucositis patients-A Randomized Clinical Trial.		
Research Question	Is Curcumin nanoparticle more efficacious when compared with topical curcumin gel in alleviating the symptoms such as pain, erythema, size of the ulcer in Chemo/Radiotherapy Induced Oral mucositis patients?		
Aim	To study the efficacy of curcumin nanoparticle as a bioavailable material in alleviating the symptoms of chemo/Radiotherapy Induced Oral Mucositis.		
Objectives	<ol style="list-style-type: none"> 1.To evaluate the efficacy of curcumin nanoparticle in management of oral mucositis 2.To compare the efficacy of Buccal drug delivery of curcumin nanoparticle with topical curcumin gel in Chemo/Radiotherapy induced Oral mucositis. 3.To assess the level of safety of curcumin nanoparticle in the management of oral mucositis 		
Null Hypothesis H₀	There is no significant difference in the efficacy between Curcumin nanoparticles and topical curcumin gel in alleviating the symptoms of chemo/Radiotherapy Induced Oral Mucositis.		
Null Hypothesis H_a	There is a significant difference in the efficacy between Curcumin nanoparticles and topical curcumin gel in alleviating the symptoms of chemo/Radiotherapy Induced Oral Mucositis.		
Student Name	Dr.Sreedevi.D	Signature	
Guide Name	Dr.Karpagavalli.S		
Co-guide Name (optional)	Not Determined		

CURCUMIN NANOFORMULATION IN THE THERAPY OF ORAL MUCOSITIS

Thesis

Submitted to



SAVEETHA INSTITUTE OF MEDICAL & TECHNICAL SCIENCES

For the award of degree of
DOCTOR OF PHILOSOPHY

In

Oral Medicine, Radiology & Special Care Dentistry

By

Dr D SREEDEVI, M.D.S

Under the Guidance of
Dr.G.MARAGATHAVALLI

Professor,

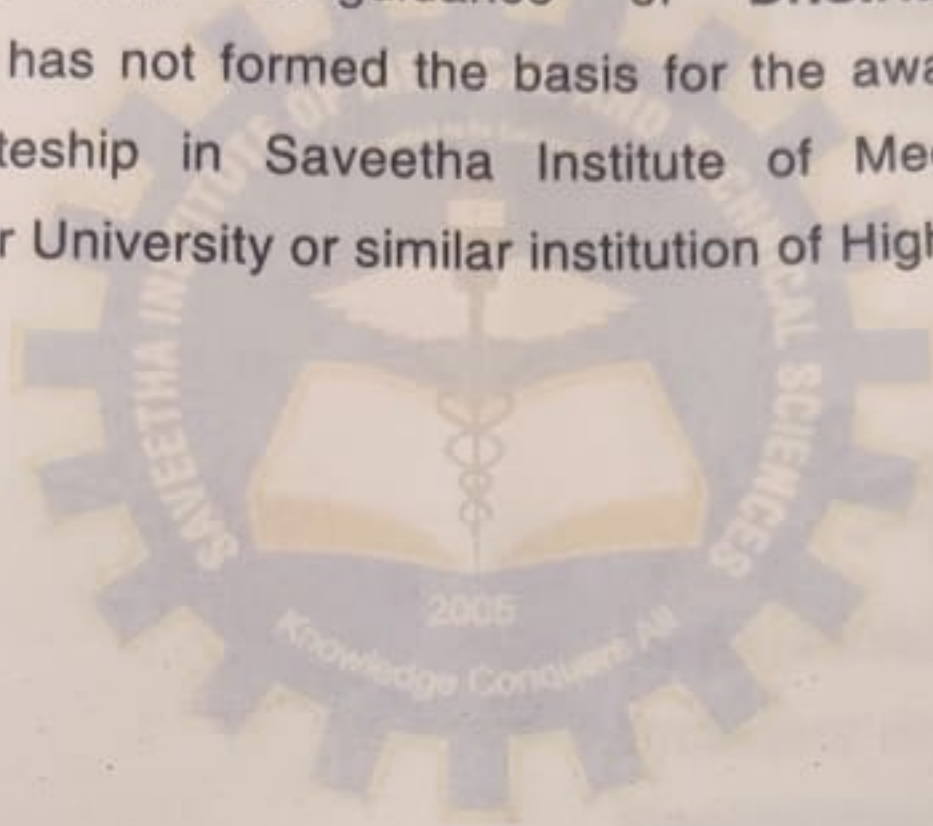
Department of Oral Medicine, Radiology & Special Care Dentistry

Saveetha Dental College and Hospitals

Chennai

DECLARATION BY THE CANDIDATE

I declare that the thesis entitled "**Curcumin nanoformulation in the therapy of oral mucositis**" submitted by me for the degree of Doctor of Philosophy is the record work carried out by me under the guidance of **Dr.G.Maragathavalli** and Co-guidance of **Dr.S.Rajeshkumar** and **Dr S. Karpagavalli** has not formed the basis for the award in any degree, diploma or associateship in Saveetha Institute of Medical & Technical Sciences or any other University or similar institution of Higher studies



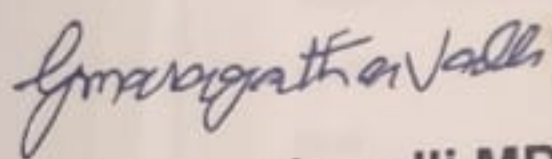
(Dr. Sreedevi D)

Date: 14 -02 -2023

Place: Chennai

BONAFIDE CERTIFICATE

This is to certify that the Thesis titled "**Curcumin nanoformulation in the therapy of oral mucositis**" is a bonafide work done by **Dr. Sreedevi D**, in the Department of Oral Medicine, Radiology & Special Care Dentistry, Saveetha Dental College and Hospital, in fulfilment for the degree of Doctor of Philosophy (PhD) in Oral Medicine & Radiology from Saveetha Institute of Medical and Technical Science, Chennai.



Dr.G. Maragathavalli, MDS

Professor and Guide

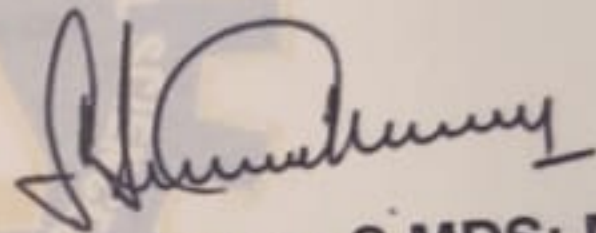
Department of Oral Medicine, Radiology

& Special Care Dentistry

Saveetha Dental College & Hospital

Saveetha Institute of Medical and

Technical Science, Chennai



**Dr Aravind kumar S MDS; M(ORTH),
RCPS(GLASG), M(ORTH) RCSED,
FDSRCPS**

Dean

Department of Orthodontics

Saveetha Dental College and Hospital

Saveetha Institute of Medical and

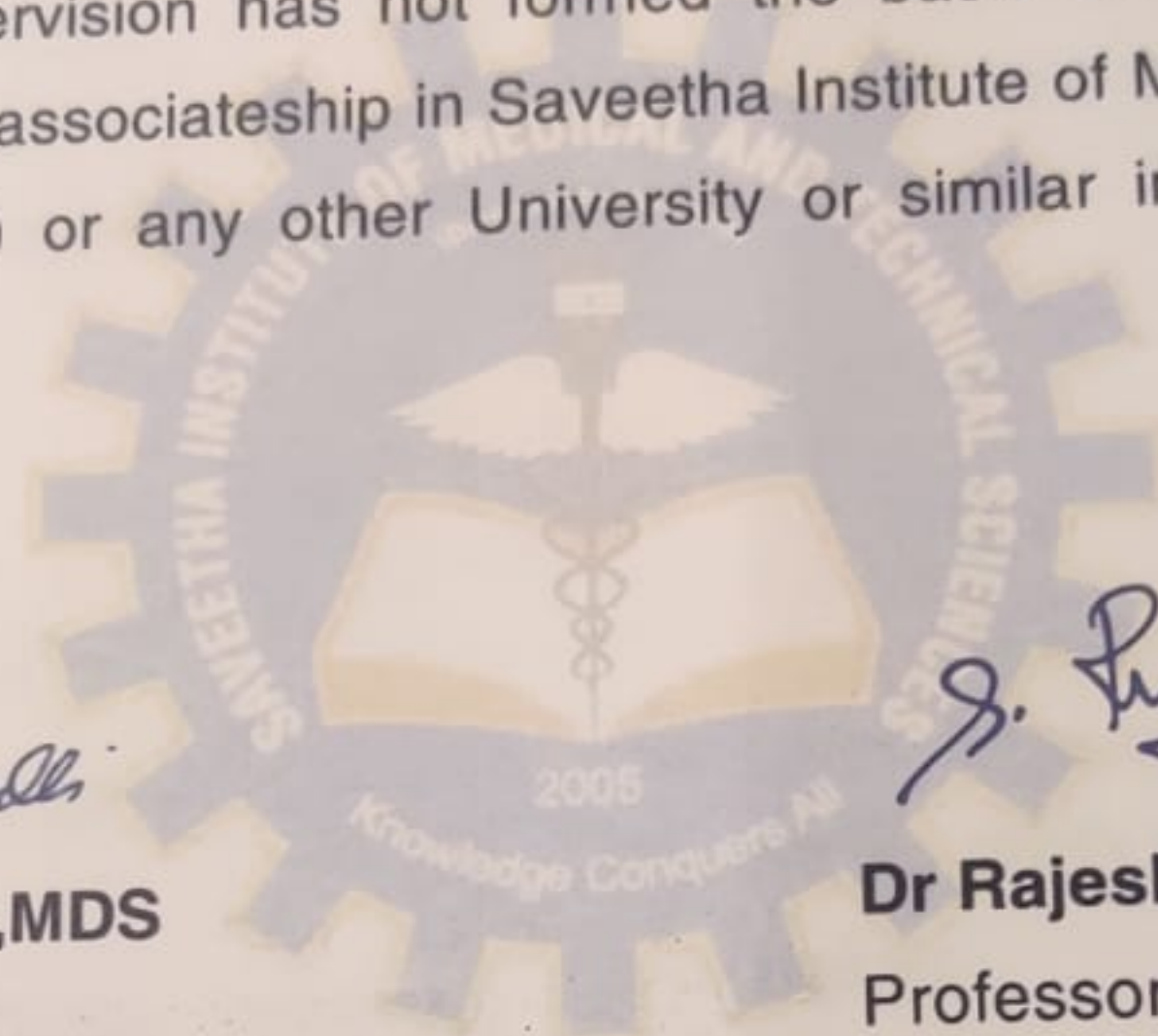
Technical Science, Chennai

Date: 14-02-2023

Place: Chennai

CERTIFICATE FROM THE SUPERVISOR

We certify that the thesis "**Curcumin nanoformulation in the therapy of oral mucositis**" submitted for the degree of Doctor of Philosophy by **Dr.Sreedevi.D** is the record research work carried out by her under our guidance and supervision has not formed the basis for the award in any degree, diploma or associateship in Saveetha Institute of Medical & Technical Sciences (SIMATS) or any other University or similar institution of Higher learning.



G. Maragathavalli

Dr.G.Maragathavalli,MDS

Professor and Guide

Department of Oral Medicine,

Radiology & Special Care Dentistry

Saveetha Dental College and

Hospital

S. Rajeshkumar

Dr Rajeshkumar S, PhD

Professor and Co-Guide

Nanobiomedicine Lab,

Department of Pharmacology

Saveetha Dental College and

Hospital

S. Karpagavalli

Dr.Karpagavalli S

Professor & Head and Co-Guide

Department of Oral Medicine & Radiology

Seema Dental College and Hospital

Rishikesh

ORDINANCES FOR
THE DOCTOR OF PHILOSOPHY PROGRAMMES (Ph. D.)
(Under section 28)

and UGC (Minimum Standards and Procedure for award of Ph.D. Degree), Regulation -2009
[after amendment in 4th AC held on 12th March 2012 and approval of 4th EC held on March 2012]

ELIGIBILITY:

1. (a) An applicant (hereinafter in this Ordinance referred to as "applicant") for admission to the academic programme leading to the Doctor of Philosophy (Ph. D.) degree of the HNB Garhwal University (hereinafter referred to as "University") shall not be considered for such admission, unless he/she
 - (i) holds, in the concerned subject or in a cognate or an allied/interdisciplinary subject, the Master's degree with 55 percent marks (for SC/ST 50 percent marks) or equivalent grade at the masters level or a degree equivalent to Master's degree recognized by the University or institution of higher learning recognized by the University in that regard, and fulfils other conditions of eligibility laid down by this Ordinance or, in furtherance of the same, by the Academic Council by Regulations:
Provided that any question, as to whether the subject professed by the applicant is a cognate or an allied subject, shall be referred to the Academic Council for decision;
 - (ii) has submitted an application, on the prescribed Form approved by the academic council and according to the regulation laid down.
Provided that an applicant in employment shall be subject to the provisions of sub-clause (c);
 - (iii) has qualified in a preliminary test or assessment (hereafter in this Ordinance referred to as "the eligibility test"), organized by the University for the purpose of admission to the Ph. D. programme.

The application for the eligibility/entrance test shall be submitted to the office (**as notified in the advertisement**) on a prescribed form approved by the Academic Council.

Eligibility/Entrance test shall be conducted by the **University on behalf of the University** not more than twice a year on the date to be announced by the **University**. The eligibility test shall be designed to test the knowledge of the subject concerned at Post Graduate level.

Qualifying cut off marks in entrance test will be 50% of the total marks for General and OBC categories and 45% for SC and ST categories.

The qualifying exam will consist of a single paper of 100 marks and duration of two hours. Paper will be divided into two sections. Section-A will carry 20 marks and it will be common to all disciplines. In this section, questions related to Aptitude test and General knowledge will be asked. Section-B will carry 80 marks. In this section subject specific multiple choice questions will be asked.

All those candidates who will qualify in written test will be called for interview along with candidates belonging to those categories which are exempted from written test like NET/SLET/UGC Teacher Fellow/Regular Teacher/M/Phil. from H.N.B.Garhwal University. The JRF (NET) passed candidates and teacher fellows will be counted against additional seats, which will be allocated to each Department.

Following will be assessment index of 100 marks:

- a. Academic career: Distribution of 50 marks will be following:**
(i) UG-20% of total marks obtained
(ii) PG-30% of total marks obtained
b. Performance in interview: 50 marks

The following categories of the applicants shall be exempted from the eligibility test-

- (i) Regularly appointed teachers of this University.
 - (ii) Teacher Fellow (Under UGC Scheme)
 - (iii) NET/SLET qualified candidates
 - (iv) International students
 - (v) M.Phil. qualified candidates of HNB Garhwal University in the concerned/relevant subject.
- (iv) The successful candidates in the entrance test as well as the candidates exempted from the entrance test shall be interviewed by a committee constituted by the Head of the Department for this purpose in which the candidates shall be evaluated in the area of their research interest.
- (v) Pre Ph. D. Course of at least one semester shall be the pre-requisite for the Ph. D. Degree which will include a **course as approved for the subject concerned.**
- (vi) The candidates registered for the D.Phil. degree before the enactment of this Ordinance shall have the option of converting their registration for D. Phil degree into Ph.D degree however such candidates shall have to undergo the process specified in above clauses
- (b) All applicants admitted to the Ph. D. programme shall fulfill the minimum requirement of residence of twenty four months in the recognized centre by the University.

Provided that where the research of the applicant requires to visit and work in other Institutes/ National/ International Laboratories under some National/ International research programmes/ Libraries he/she shall seek permission, duly recommended by the supervisor, and forwarded by the Head of the Department for this purpose.

If the time period requested for such work is for less than three months, the permission shall be granted by the Dean of the concerned school, and for the time period exceeding three months up to one year by the Vice-Chancellor.

- (c) An applicant in employment shall not be considered for admission to the Ph. D., programme, except upon submitting a 'No Objection' Certificate of his/her employer, affirming-
- (i) for leave of absence for the requisite period in order to fulfill the requirement of residence. A teacher of the University shall not be required to submit such 'No Objection Certificate', but his/her application shall require the endorsement of the Head of his/her Department and the application shall be sent through the proper channel.

2. (a) The applications of the qualified applicants in the eligibility test, and the applicants exempted there from after going through interview process successfully shall be placed before the relevant Board of Studies/ **Departmental Committee** of the concerned Department (hereafter in this Ordinance referred to as "the academic entity") which shall recommend it to the Vice-Chancellor for approval.

(b) Qualifications and Appointment of the Supervisors and Co -supervisors.

- (i) (a) No person shall be recommended for appointment as the Supervisor of a candidate except if he/she has expertise in, or knowledge of, the relevant subject or area of research and holds a Ph.D./ D.Phil degree in the subject and has been teaching and doing research in a Post Graduate department.

(b) No teacher of a Department serving as Assistant Professor shall be recommended for appointment as Supervisor, except if he/she has been regularly appointed as Assistant Professor, holds a doctoral degree and has experience of teaching at Graduate and Post-graduate level of not less than **three** years, including experience of not less than two years of teaching and research at the Post-graduate level:

Provided that in the case of an Assistant Professor, who has research publications to his/her credit and is currently working as Principal Investigator in at least one research project, the required experience of teaching at Post-graduate level shall be of not less than two year:

Provided that this provision shall not apply in the case of such Assistant Professors as have been supervising candidates for the Ph. D., degree of the University immediately before the commencement of this Ordinance.

(c) No supervisor shall be a relative of the candidate (as defined by the Company Act of 1956.)

(ii) No person shall be recommended for appointment as Supervisor in a Department, except if he/she is a serving Professor, Associate or Assistant Professor thereof Emeritus Professor/**Scientist of National Laboratories/ National Institute not below the rank of Scientist E** may be recommended for appointment as supervisor in any academic entities,

3. (a) A Supervisor who is a Professor can supervise 08, Associate Professor 06, and Assistant Professor 04 candidates at one time.

(b) In the case of the absence of a Supervisor from the station, on leave or otherwise, for more than one year, the Board of Studies may, in accordance with the standing instructions, of the School Board assign any other such supervisor of the concerned academic entity who has knowledge of the area of research of the candidate, as temporary Supervisor of the candidate for the period of such absence provided he is eligible to be a supervisor under clause (2- b) sub clause (1(a) and (b) above:

Provided that where the supervisor relinquishes his/her assignment as such, or permanently leaves the area or is otherwise no longer in a position to supervise candidates on production of a no objection certificate (except in the case of the death of a supervisor) the Board of Studies shall in respect of the candidates enrolled with the said supervisor, recommend to the School Board through the Dean of the School the name of such other persons eligible to act as supervisors or to be the new supervisors of such candidates, without exceeding, the enrolment limits specified above.

(c) A supervisor may, for good and sufficient cause, recorded in writing and submitted to the Board of Studies, seek to be relieved of the supervision of any applicant or seek cancellation of registration of any applicant. The recommendation of the Board of Studies, thereon, shall be forwarded, through the Dean to the School Board for decision.

4. Upon provision being made by the Academic Council by Regulations for the appointment of a co-supervisor for a candidate, such appointment shall be governed by the following conditions, which shall be subject to such modifications as may be made in the same by the said Regulations-

(a) the supervisor may, in the interests of the conduct of theoretical or **experimental investigations, or in collaborative/joint work with other institute/University/research organization essential to the research work of the candidate** recommend to the Board of Studies the appointment of a person, who has expertise in the concerned subject or area of research and has given his/her consent to that effect, as the co-supervisor of the candidate, and shall spell out in such recommendation the specific way or ways in which the association of the proposed co-supervisor shall benefit the candidate;

(b) no person may be recommended for appointment as the co-supervisor, except if he/she is eligible to supervise candidates under the provision of **Ordinance 2 (b) (ii)**. Provided that a person shall not be recommended for appointment as a co-supervisor in the same academic entity in which he/she is eligible to be, a supervisor;

- (c) no person shall act as co-supervisor of more than two candidates at any one time in addition to the limits as supervisor;
 - (d) the recommendation if endorsed by the Board of Studies, be forwarded by the Head through the Dean of the concerned School to the School Board for approval, and upon such approval, the Registrar shall communicate the same to the concerned candidate, his/her supervisor and the concerned Board of Studies,
 - (e) The Board of Studies shall monitor the work and progress of each applicant admitted to the Ph. D. programme, in consultation with the supervisor, and shall advise such admitted applicant, on any aspect of his/her work and progress that may appear to it to be necessary.
5. (a) The number of seats for Ph.D. programme shall be decided well in advance and notified in the University website or advertised.
- (b) The Board of studies or the sub committee appointed by the Board of Studies shall assign the supervisors to the selected candidates with the consent of the supervisor.
- (c) The research topic for Ph.D shall be finalized in consultation with the supervisor and shall be approved by the Board of Studies, so that the collection of relevant literature and conceptualization of the research design could be completed during the pre Ph.D. Course -Work.
- (d) Structure of the Course –Work;

The Course Work shall consist of the following:

1. Core Course
2. Elective Course

Core Course shall be mandatory for all students and the total number of credit for the core and elective courses shall be 15 with the following pattern

(a) Core Course -	4 +3 credits (two courses)	7 credits
(b) Elective Course -	4+4 credits (Two courses)	8 credits
	Total	15 credits

6. Examination and Evaluation of the course- work
- (a) Evaluation shall be done on a continuous basis. For the purpose of uniformity, there will be two sessional tests and one End-semester examination. Sessional tests (of one hours duration) may employ one or more assessment tools such as objective tests, assignments, paper presentation, laboratory work, etc suitable to the course.
 - (b) Students shall compulsorily attend the two sessional tests, failing which they will not be allowed to appear for the end semester examination. In case of students who could not attend any of the sessional tests due to medical reason or under extraordinary circumstances, a separate test shall be conducted before the End Semester Examinations with the permission of the Dean of the School on recommendation of the Head of the Department.
 - (c) The Sessional tests will carry 40% of total marks for the course. The marks of the two Sessional Tests shall be taken into account for the computation of Grades.
There shall be one End semester examination of 2 hours duration carrying 60% of Marks in each course covering the entire syllabus prescribed for the course at the end of the semester only. The End semester examination shall be normally a written /laboratory -based examination. The End semester examination and evaluation shall be conducted by the University.
 - (d) A candidate who has less than 75% attendance shall not be permitted to sit in examination however, it shall be open to the Dean to grant exemption to a candidate who has failed to obtain the prescribed 75% attendance for valid reasons on payment of prescribed fee and such exemptions shall not under any circumstances be granted for attendance below 65%.
 - (e) The Dean through the Head of the Department shall announce the names of all students who will not be eligible to take the examinations and send a copy of the same to the Registrar and Controller of Examination.

7. Marks and Grading of the course-work

- (a) A candidate has to secure a minimum of 50 percent of marks (Two Sessional Tests marks plus End-Semester examination mark) in the course taken together, to pass in that course. A candidate who has not secured a minimum of 50 percent of marks in a course shall be deemed to have failed in that course. A failed student shall be allowed to repeat the semester examinations for a maximum of three times and he/she has to pass the Pre Ph.D course before submission of the Ph.D. thesis. The Sessional Marks obtained by the student shall be carried over for declaring the result.
- (b) The percentage of marks obtained by a student in a course will be indicated by a grade point and a letter grade. A Six (6) point scale shall be used for the evaluation of the performance of the student as given below:

MARKS	GRADE POINT	LETTER GRADE
75-100	5.50-6.00	O
65-74	4.50-5.49	A+
60-64	4.00-4.49	A
55-59	3.50-3.99	B+
50-54	3.00-3.49	B
Below 50 %	0.00-2.99	F

- (c) The system of evaluation shall be transparent and students shall have the right to examine their marked answer scripts. The teacher of a course shall give the attendance and performance sheets for Sessional Test 1 and Sessional Test II to the Head of the Department, who in turn shall *consolidate* all such sheets and the same shall be forwarded to the Controller of Examinations through the Dean. The Controller of Examinations shall issue the Mark and the Grade Statements to the Students.

8. (a) **During the course work**, the candidate shall submit along with the application form, 06 copies of synopsis of the research proposal drawn up by him/her, in consultation with the supervisor, which shall be forwarded by the Head of the Department to the Board of Studies. Provided that the said synopsis shall ordinarily be in not more than 2000 words, and shall present a review of the literature and current state of knowledge on the proposed topic of research, the objectives and plan of research, the sources, and methodology proposed to be employed in the investigation and such other information as may be relevant in that regard.
- (b) The Board of Studies shall examine the list, the applications and the synopsis with reference to the provisions of this Ordinance and the Regulations. Such applicants shall be asked to make presentation about their topic and synopsis before the Board of Studies. The Board of Studies shall grant admission to such applicants as are, in its judgment, suitable for Registration, and also finalize the research topics of each admitted candidate. The recommendations of the Board of Studies shall be forwarded to the Vice Chancellor through the School Board and also reported to the Academic Council.
- (c) In furtherance of the decision of the Vice Chancellor to grant admission to a candidate, the Registrar shall issue a letter of admission to him/her specifying the name of his/her supervisor, the topic of his/her research, the academic entity where he/she shall be enrolled and the period ordinarily of not more than one month, within which he/she is required to get himself/herself enrolled for the Ph. D. programme after paying the prescribed fees and completing other requisite formalities:

Provided that where the candidate gets himself/herself so enrolled within the said period, his/her enrolment shall be with effect from **the date of taking admission (submitting fees) for the pre-Ph.D. course.**

9. (a) Subject to the provisions of this Ordinance and the Regulations, each candidate shall, upon admission and enrolment to the Ph. D. programme, pursue a course of research of a duration of not less than twenty-four months in residence at the approved centre of the University and shall regularly pay the prescribed annual and other fees up to the time he/she withdraws from his/her enrolment, or such enrolment is terminated, or he/she duly submits his/her thesis to the University.
- (b) The schedule of the fees and other dues, including fees for the examination of the thesis and the viva voce examination, to be charged to candidates, and the manner of the payment thereof, shall be laid down, from time to time, on the recommendation of the Academic Council by the Executive Council, and the provisions in respect of the consequences of failure to pay such fees and other dues within the time specified for the purpose, and other conditions for the continuation or termination of the admission of the candidate shall be prescribed by the Academic Council by Regulations:
- (c) The registered candidates shall have to apply in the department and hostel (if applicable) for renewal of admission in every academic session and pay the requisite fees.
Provided that a regularly appointed teacher of the University, enrolled as a candidate shall be exempted from the payment of all fees other than the initial admission fees and the thesis and viva voce examination fees.
- (d) The candidate shall not be entitled, or permitted, to secure admission to, or continue his earlier admission in, any other degree granting courses of study or whole time academic programme, whether in the University or in any other institution, and his/her admission to the Ph. D. programme shall stand terminated at whatever stage he/she is discovered to have been in violation of this requirement.
10. (a) The candidate shall, report and record his/her attendance at the concerned academic entity on all working days which shall be supervised by the supervisor and the Head of the department.
- (b) The candidate holding a Fellowship awarded by of the University Grants Commission, the Council of Scientific and Industrial Research or any other national/international funding agency, or any other research fellowship or scholarship may be required to assist in the teaching and other academic work of the academic entity concerned, in accordance with the rules laid down by the Academic Council/ the Vice-Chancellor/ the relevant funding agency.
- (c) The candidate shall submit yearly reports to the Board of Studies, through the supervisor, on the work done by him and the work he/she proposes to do in the ensuing academic year.
- (d) In case the candidate is in default of any of the requirements specified in this clause and other provisions of this Ordinance or in the Regulations, or in case the Board of Studies is not satisfied with any aspect of his/her work and progress and conduct, it may, after considering such explanation as he/she may submit through his/her supervisor in that regard, take such action as it may deem proper including a recommendation to the School Board that the admission of the candidate be terminated.
11. (a) The candidate shall be required to complete his/her research work and submit the thesis within a period of four years reckoned from the date of his/her enrolment for the Ph. D. programme in the academic entity concerned:

Provided that the School Board may, after considering the recommendation of the Board of Studies, in a very special case and for reasons to be recorded, grant further extension, of not more than one year.

Provided further that in case the candidate fails to submit the thesis within the period permitted for the submission of the thesis, including the periods of the extension thereof his/her admission to the Ph. D. programme shall be liable to be terminated and he /she shall,

upon such termination, forfeit all the fees and other dues paid by him/her for and during such admission.

However, looking into the work of the candidate and recommendation of the supervisor the Board of Studies may consider the case of re -registration and shall forward such applications to the Vice- chancellor through the Dean of the School for the decision. After getting the permission of re- registration the candidate shall have to pay admission and other fees as determined by the University and may submit the thesis within one year of re -registration.

- (b) Subject to the approval of the School Board the Board of Studies may, on the recommendation of the supervisor permit the candidate, not less than one year before the submission of his/her thesis, to modify his/her topic of research, or limit the scope thereof:
- (c) Prior to submission of the thesis, the student shall make a pre-Ph. D. presentation in the department that may be open to all faculty members and research student, for getting feedback and comments, which may suitably be incorporated into the draft of the thesis under advice of the Supervisor.
- (d) Ph.D. candidates shall publish at least one research paper in a referred journal before the submission of the thesis/monograph for adjudication and produce an evidence for the same in the form of the acceptance letter or the reprint.

12. Appointment of Examiners

- (a) The candidate may, not less than six months before the date on which he/she shall complete the minimum requirement of residence, submit an application recommended by his/her supervisor, on the Form prescribed for the purpose, to the effect that the thesis of the candidate is likely to be submitted within six months. On receiving such application, the Head of the Department shall recommend to the Vice-Chancellor to appoint a panel of examiners for evaluation of the thesis. The Vice- Chancellor shall direct the Registrar to ask the concerned Supervisor and the Head of the Department to propose a panel of four examiners each of the subject or area of research concerned, for evaluating the thesis of the candidate. The Vice-Chancellor shall appoint three examiners out of the proposed panel for evaluation of the thesis. However the Vice-Chancellor may also add more names to the panel.

- (b) On the receipt of the thesis along with the certificate from the supervisor and the Head of the Department that the candidate has fulfilled all the required conditions and the prescribed fees the thesis shall be sent to the three examiners appointed by the Vice-Chancellor from the panel constituted for this purpose. The examiners shall be persons not in the service of the University, out of which at least two shall be from outside of the state.

Provided that, ordinarily, no examiner shall conduct the viva voce examination, except if he/she has evaluated the thesis of the candidate. In exceptional cases the Vice-Chancellor may appoint a fourth examiner and such cases shall be reported to the Academic Council. This shall apply to all the cases with effect from January 15, 2009.

Provided also that such panel shall no longer be valid in case the thesis has not been submitted within one year.

- 13. (a) After the research work of the candidate is complete he/she shall submit, in conformity, three copies of his/her thesis along with three copies of the summary, in not more than 5000 word, and two soft copies.
- (b) The candidate shall indicate in the thesis as to how far it embodies the result of his /her own research of observations and in what respect his/her investigations appear to him/her to advance the study of his/her topic and subject.
- (c) The candidate may also enclose with the thesis, any printed contribution or contributions to the advancement of his/her topic or related to the subject that he/she may have published independently or co jointly.
- (d) The thesis submitted by the candidate shall comply with the following conditions-
- (e) The candidate shall submit all three copies of the thesis at the Department and the same shall be forwarded with the endorsement of the concerned Head of the Department through the Dean of the School to the Registrar, who shall dispatch one copy each of the thesis, synopsis and summary of the thesis to the three examiners who have consented to evaluate the same.

- (i) that it is a piece of research work characterized either by the discovery of facts or by a fresh approach towards interpretation of facts or theories;
 - (ii) that it evinces the capacity of the candidate for critical examination and judgment;
 - (iii) that it is satisfactory in terms of its literary presentation; and
 - (iv) that it is suitable for publication.
14. The examiners shall examine the thesis and shall submit their reports on the prescribed form (A) along with such suggestions as they deem fit for the improvement of the thesis, and such suggestions shall be appropriately communicated to the candidate in case his/her thesis is required to be re-submitted in a revised form or is accepted for the award of the Ph. D. Degree.
15. (a) The reports of the examiners of the thesis shall first be placed before the Vice-Chancellor and in case any report is not complete and clear, the Vice-Chancellor shall return such report to the concerned Examiner to make up the deficiency.
- (b) If all three examiners unanimously and unambiguously recommend that the thesis be accepted, the Vice-Chancellor shall direct that the viva voce examination of the candidate be arranged as early as possible.
- (c) If two of the examiners recommend rejection of the thesis, the thesis shall stand rejected and the Vice-Chancellor shall cause the candidate to be notified accordingly.
- (d) If all the three examiners recommend re-submission, or two examiners recommend re-submission and the third recommends acceptance of the thesis, the Vice-Chancellor shall direct through the Registrar that the thesis be re-submitted in a revised form not earlier than six months and not later than one year from the date of the decision and the re-submitted thesis shall be sent again to the original examiners by the Registrar.
- (e) If two of the examiners recommend re-submission in a revised form and the third recommends rejection, or if one of the examiners recommends approval, the second recommends such re-submission and the third recommends rejection of the thesis, the Vice-Chancellor shall take appropriate decision in the matter with the help of the concerned Head of the Department and Dean of the School.
- (f) If two of the examiners recommend approval and the third recommends re-submission in a revised form, or rejection, of the thesis, the thesis may be sent to the fourth examiner.
- (i) If the fourth examiner recommends that the thesis be accepted, the viva voce examination of the candidate shall be arranged.
 - (ii) If the fourth examiner recommends re-submission of the thesis, the thesis shall be re-submitted within one year.
- (g) If only one of the examiners recommends approval, and the other two examiners do not recommend approval, of the re-submitted thesis, the thesis shall stand rejected and the Board of Studies shall cause the candidate to be notified accordingly through the Registrar.
- (h) The thesis required to be re-submitted, and the abstract thereof, shall be submitted in the same manner, style and language as the original thesis.
- (i) Notwithstanding any provision to the contrary in this Ordinance, no candidate shall be entitled or permitted to re-submit the thesis more than once.
16. Appointment of Examiners for Viva-Voce:
- (a) The Vice-Chancellor shall appoint the examiner for viva-voce examination amongst the examiners who have evaluated the thesis of the candidate. In exceptional cases the Vice-Chancellor may appoint another examiner which shall be reported to the Academic Council.
 - (b) The Registrar/ Controller of Examinations shall inform the Head of the Department through the dean of concerned school/ faculty to arrange the viva-voce examination in consultation with the supervisor.
 - (c) The viva voce examination shall be held by the External Examiner and the Supervisor after perusing the reports of the other examiners of the thesis. The viva voce examiners shall conduct the oral assessment of the candidate in order to ascertain to the extent to which he/she is well acquainted with the literature on the subject, evinces a good understanding of the topic of his/her research as well as originality in his/her investigations and conclusions, and has an appropriate comprehension of the broad field of his/her study, and to address

other issues relevant in that regard, make a clear recommendation in their report, on the specified form.

- (d) An open viva-voce test shall be held at the University headquarter in the concerned Department. The viva-voce shall be arranged by the Head of the Department with intimation to all concerned. The candidate shall present summary of his/her thesis and the work done by him/her before an audience consisting of the one External Examiner, Supervisor, teachers, research scholars and post-graduate students of the subject. However, only the examiners will question the candidate.
 - (e) If the viva-voce examiner do not recommend award of Ph.D. degree, the candidate shall have to reappear at a second viva-voce test after six month within one year. If the candidate fails to satisfy the viva-voce examiner the second time, his/her thesis shall be finally rejected.
17. (a) After the completion of the successful viva-voce examination the result of the candidate shall be conveyed by the concerned Head of the department to the Controller of Examination who shall notify the result of the candidate with effect from the date of viva-voce examination. A provisional certificate of the award of the degree may be given to the candidate on his/her written request by the Controller of Examination.
- (b) The report of the viva voce examiners shall first be placed before the Head of the Department and, in case such report is not in accordance with the form (B) specified or is not complete and clear, the Head of department shall refer the matter to the Vice-Chancellor through the Dean for appropriate decision
 - (c) where-
 - (i) upon consideration of the report of the viva voce examiners, in the context of the reports of the thesis examiners, if the Head of the Department is satisfied that the thesis and the viva voce examiners have unanimously and definitely recommend the award of the degree to the candidate, he/she shall report the matter to the Vice-Chancellor for the announcement of the result by the Controller of the Examination.
 - (ii) the viva voce examiners have recommended that the candidate be required to re-appear at the viva voce examination, the Head of the Department shall report the matter to the Vice-Chancellor through the Registrar. The second viva voce examination of the candidate shall be arranged after communicating the paraphrased observations of the said examiners in that regard to the candidate and to the supervisor of such candidate.
- Provided further that no candidate shall be entitled or permitted to re-appear at the viva voce examination more than once.
18. (a) If a candidate is required to re-submit the thesis or re-appear at the viva voce examination, he/she shall pay such further fees before such re-submission or re-appearance as may be laid down, from time to time, by the Executive Council.
- (c) The schedule of travelling and other allowances and the remuneration payable to the examiners of the thesis and the payment of sitting charges to the viva voce examiners shall be laid down, form time to time, by the Executive Council.
19. Following the successful completion of the evaluation process and announcement of the award of Ph. D., the University shall submit a soft copy of the Ph. D. thesis to the UGC within a period of thirty days, for hosting the same in INFLIBNET accessible to all Institution/Universities.
20. Along with the Degree, the University shall issue a certificate certifying to the effect that the Degree has been awarded in accordance with the provisions to the UGC (Minimum Standards and Procedure for award of Ph.D. Degree), Regulation, 2009
21. (a) The reports of the thesis and the viva voce examiners may be provided to the candidate on his/her written request by the Registrar.

(b) In the event of the publication of a thesis that has been accepted for the award of the Ph. D. degree, the candidate shall be required to state on the title page of the publication that it was a thesis approved for the Ph. D. degree of the University:

Provided that where a published book authored or co-authored by the candidate incorporates substantially the contents of a thesis that has been accepted for the award of the Ph. D. degree, the candidate shall be required to appropriately acknowledge in the book that it is based on a thesis approved for the Ph. D. degree of the University.

(FORM- A)
HNB GARHWAL UNIVERSITY
REPORT OF THE EXAMINER OF THE THESIS OF THE CANDIDATE FOR THE Ph.D. DEGREE

1. Name of the candidate
2. The Department of under the School/ Faculty of
3. Title of the thesis submitted by the candidate:

PART I

I have examined the thesis for the degree of Doctor of Philosophy submitted by the candidate named above on the topic set out above, and have to report:
[Strike out two from amongst (A),(B), and (C)]

(A) That the thesis submitted by the candidate –

- (i) is a piece of research work characterized by the discovery of facts or by a fresh approach towards interpretation of facts or theories;
- (ii) evinces the capacity of the candidate for critical examination and judgment;
- (iii) is satisfactory so far as its literary presentation is concerned; and
- (iv) is suitable for publication as a thesis approved for the degree of Doctor of Philosophy of the HNB Garhwal University.

(B) That the thesis submitted by the candidate deserves to be re-submitted in a revised form.

(C) That the thesis submitted by the candidate deserves to be rejected without further assessment.

PART II

Detailed report of the examiners to be enclosed separately.

PART III

I recommend–

(a) that the thesis be approved for the award of the degree of Doctor of Philosophy

OR

(b) that the candidate be required to re-submit his/her thesis in a revised form, within the prescribed period, after the communication to him/her on the lines on which the revision of his/her thesis is recommended.

OR

(c) that the thesis be rejected without further assessment, and the degree of Doctor of Philosophy be not conferred on the candidate.

.....
Signature of Examiner of the Thesis

Name (.....

(FORM-B)
HNB GARHWAL UNIVERSITY
REPORT OF THE VIVA VOCE EXAMINERS OF THE CANDIDATE FOR THE
Ph. D. DEGREE

1. Name of the candidate
2. The Department of under the School/ Faculty of
3. Title of the thesis submitted by the candidate:

PART I

We have read the thesis for the degree of Doctor of Philosophy submitted by the candidate named above on the topic set out above and perused the reports of the other examiners of the said thesis, and have examined the said candidate viva voce, and have to report:

(A) That we are satisfied that the candidate –

- (i) is well acquainted with the literature on the subject;
- (ii) evinces a good understanding of the topic of his research and the thesis is genuinely his/her own work; and
- (iii) has an appropriate comprehension of the broad field of his/her study.

OR

(B) That the candidate has not satisfied us –

[Strike out whichever is inapplicable from amongst (i), (ii), (iii) and (iv)]

- (i) that he/she is well acquainted with the literature on the subject.
- (ii) in respect of the basis of one or more of the conclusions he/she has drawn from the investigations reported in the thesis.
- (iii) as to the originality of one or more parts of the thesis,
- (iv) [state any other ground that merits reporting]

PART II

(Report of the examiners to be enclosed)

PART III

We recommended –

(a) That the degree of the Doctor of Philosophy be conferred on the candidate.

OR

(b) That the degree of the Doctor of Philosophy be not conferred on the candidate for the time being, and he/she be required to re-appear at the viva voce examination within the prescribed period.

.....
Signature of the Viva voce Examiners

लखनऊ विश्वविद्यालय



थनः श्री हिमोशु रेणन बी.डी.एस. ने इस विश्वविद्यालय के चिकित्सा संकाय में **मास्टर ऑव डेन्टल सर्जरी** की उपाधि हेतु निर्धारित पाठ्यक्रम का अध्ययन किया और प्रस्थोडान्टिक्स विषय की अपेक्षित परीक्षा में सन् १९६० में उत्तीर्ण हुए/हुई ।

थनः प्रमाणित किया जाता है कि इस विश्वविद्यालय द्वारा इन्हें **मास्टर ऑव डेन्टल सर्जरी** की उपाधि प्रदान की गई ।


कुलपति

लखनऊ

दिनांक ३१ दिसम्बर, १९६१



**Seema
Dental College
and Hospital**

(First Post Graduate Dental College of The State)

- Recognized by:
Dental Council of India
vide Govt. Gazette Notification No.
V-12017/49/2001-DE dated 25/06/2008
- Awarded As The Best Dental College

Virbhadra Road, Post Office : Pashulok
Rishikesh-249 203 {Uttarakhand}
Mobile: +91-9837087627
E-mail : sdchquery@gmail.com
Web : www.seemadentalcollege.org

Translation of Highest Degree (MDS Prosthodontics) of Dr Himanshu Aeran

**Lucknow University
(logo)**

Shri Himanshu Aeran BDS studied the prescribed course for the degree of Master of Dental Surgery in the Faculty of Medicine of this University and passed the required examination in Prosthodontics in the year 1990.

It is certified that he has been awarded the degree of Master of Dental Surgery by this University.

Dated

31 December, 1991

Vice Chancellor
(Signature)



**Dr P Narayana Prasad
Principal**



DUPLICATE

Sri Ramachandra University
(Established under Section 3 of the UGC Act, 1956)

Faculty of Dentistry

The Board of Management hereby makes known that

Karpagavalli S

having satisfied all the course requirements
and successfully passed the examinations

held in June 2005

has been admitted to the

Degree of

Master of Dental Surgery - Oral Medicine and Radiology

and is entitled to all the Rights and Honours
appertaining thereto.

Given under the Seal of the University



Chennai, India.

Dated : 24-11-2008

4302002

Radhika Vekari
Registrar

[Signature]
Vice-Chancellor