

# **UNIVERSITY OF JAMMU**

**NOTIFICATION NO. 3 OF 2023**

**DATED: 07-06-2023.**

## **SUBJECT: UNIVERSITY STATUTES**

The Hon'ble Chancellor, in exercise of the powers vested in him under Sub-section (4)(a) of Section 41 of the Kashmir and Jammu Universities Act, 1969, has been pleased to accord his assent to the Statutes vide communication No. LGS/1/87<sup>th</sup>/UC/JU/2023/1533 dated 11<sup>th</sup> May, 2023 on Resolution No./s 86.83, 86.89, 86.91, 86.93, 86.95, 86.97, 86.98, 86.100 & 86.110 of the remaining items of the 86<sup>th</sup> University Council (Agenda Part-I) passed in the 87<sup>th</sup> meeting of the University Council held on 21.01.2023, as given in Annexure to this Notification.

These are notified for the general information.

No: Coord/R86\_UC/Statutes/23/348-447.

Baba Saheb Ambedkar Road,

Jammu (Tawi) – 180 006.

Dated: 07-06-2023.

  
REGISTRAR



Copy to:

1. Principal Secretary to Hon'ble Lt. Governor (Chancellor of the University), Raj Bhavan, Srinagar.
2. The Advisor to the Hon'ble Lt. Governor, Higher Education Dept., Civil Secretariat, Srinagar.
3. Chief Secretary to J&K Govt., (Financial Advisor Universities), Finance Dept., Civil Secretariat, Srinagar.
4. Principal Secretary to Govt. Planning and Development Dept., J&K Govt., Civil Secretariat, Srinagar.
5. Principal Secretary to Govt., Higher Education Department, J&K Govt., Civil Secretariat, Srinagar.
6. Deputy Secretary/Under Secretary/Private Secretary to Hon'ble Lt. Governor (Chancellor of the University), Raj Bhavan, Srinagar.
7. All members of the University Council/Syndicate, University of Jammu.
8. Spl. Secretary to Vice-Chancellor, University of Jammu/ Kashmir.
9. Sr. P.A. to Dean Academic Affairs, University of Jammu.
10. Sr. P.A. to Dean Research Studies, University of Jammu.
11. Deans of the Faculties of the University of Jammu.
12. Dean Students Welfare/Placement Cell, University of Jammu.
13. Sr. P.A. Controller of Examinations, University of Jammu/ Kashmir.
14. All Rectors/Directors Campuses, University of Jammu.
15. Coordinator Campuses, University of Jammu.
16. Sr. P.A. to Director, CDC/DLL/DDE/DIQA.
17. Sr. P.A. to Joint Registrar (Finance)
18. Principals of all affiliated Colleges of the University.
19. I/c Librarian, Dhanvantri Library, University of Jammu.
20. All Branch Officers of the Registry.
21. I/c Website to upload Notification on the University website.
22. Guard file.

**ANNEXURE TO NOTIFICATION NO. 3 OF 2023 DATED: 07-06-2023.**

I/ **Amendments in the Statutes 47.2(iv)(a), 47.2(ix)(e), 47.2(xii), 48(a) & 54 of the Statutes governing the Choice Based Credit System for Master's Degree Programme shall be incorporated in Chapter-L, Vol-II of the University Calendar, as approved by the University Council vide Resolution No. 86.83, which reads as under:**

EXISTING	AMENDED STATUTES
<p>47.2 iv) ASSESSMENT AND EXAMINATION:</p> <p>a) In case of at least 50% of core courses offered in different programmes across the disciplines, the assessment of the theoretical component towards the end of the semester shall be undertaken by external examiners from outside the University conducting examination, who shall be appointed by the competent authority out of the approved panel. In such courses, the question papers will be set as well as assessed by external examiners.</p>	<p>47.2 (iv) ASSESSMENT AND EXAMINATION:</p> <p>a) In case of at least 50% of the total number of core courses offered in different programmes across the disciplines (i.e. courses that are offered in the 2<sup>nd</sup> Semester and for the professional courses also in the 3<sup>rd</sup> and/or 4<sup>th</sup> semester as the case may be), the assessment of the theoretical component towards the end of the semester shall be undertaken by external examiners from other Universities, who shall be appointed by the competent authority out of the approved panel. In such courses, the question papers shall be set as well as assessed by external examiners.</p> <p>These Examinations shall be conducted by the Controller of Examinations of the University.</p> <p>However, in case of non-availability of external evaluator/ paper setters, the Controller of Examinations may appoint the evaluator/paper setters in consultation with the Convener, Board of Studies concerned.</p>
<p>47.2(ix)(e) He/She shall be permitted to take the test (s) within one month of the date of test.</p>	<p>47.2(ix)(e) He/She shall be permitted to take the test (s) within one month of the date of test. However, for the students pursuing open courses the DAC of the parent department of the students shall decide regarding conduct of the minor test and the decision will be conveyed to the concerned teacher of the open course.</p>
<p>47.2(xii) Dissertation/Project work/ Training Reports as the case may be, shall be submitted by the student to the Head of the Department concerned for evaluation not later than one month after the major test. The dissertation shall be accompanied by a declaration by the student duly countersigned by the teacher incharge/ guide/ supervisor as the case may be that it is his/her own work and has not been submitted previously. The candidate</p>	<p>47.2(xii) Dissertation/Project work/Training Reports as the case may be, shall be submitted by the student to the Head of the Department concerned for evaluation not later than <b>one week</b> after the major test. The dissertation shall be accompanied by a declaration by the student duly countersigned by the teacher incharge/guide/ supervisor as the case may be that it is his/her own work and has not been submitted previously. The candidate shall also</p>



**48. ABSOLUTE GRADE SYSTEM****(a) ABSOLUTE GRADE SYSTEM (For Master's Degree Programmes except M.Tech.)**

Marks	Grade	Grade Points	Description of performance
≥ 90	O	10	Outstanding
≥ 75 and < 90	A+	9	Excellent
≥ 65 and < 75	A	8	Very Good
≥ 55 and < 65	B+	7	Good
≥ 50 and < 55	B	6	Above Average
≥ 40 and < 50	C+	5	Average
≥ 36 and < 40	C	4	Pass/Below Average
> 20 and < 36	D	2	Fail/Poor
< 20	E	0	Very Poor

**54. MAKE-UP EXAMINATION**

There shall be Make-up examination for the Major Test after 4<sup>th</sup> and 6<sup>th</sup> Semesters (as the case may be) for those students who due to genuine reasons such as death of first blood relation, accident/serious illness and participation in sports/cultural activities or any other circumstances deemed to be exceptional to be reported by the Head of the Department through Departmental Affairs Committee could not appear in the Major Test of 4<sup>th</sup> and 6<sup>th</sup> Semesters. Permission for which shall have to be sought from the Board of Control.

If a candidate has cleared all the courses in previous Semester/s and has failed in one course only in final Semester (in 4<sup>th</sup> and 6<sup>th</sup> Semesters, as the case may be), he/she shall be allowed to appear for the Make-Up examination within three months from the date of declaration of result of final Semester with the approval of the Board of Control.

Besides, a plagiarism certificate will also be attached.

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≥ 50 and < 55	B	6	Above Average
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- II/ **Insertion of the clause of Re-evaluation of answer scripts under the Choice Based System for Master's Degree Programme evaluated by the External Examiners in the Statutes governing the Choice Based Credit System for Master's Degree Programme w.e.f. the Academic Session 2019-20 shall be incorporated in Chapter-L, Vol-II of the University Calendar, as approved by the University Council vide Resolution No. 86.89.**

- III/ **Amendment in the Statute 61 of the Statutes governing the Choice Based Credit System for Master's Degree Programme effective for all purposes for the students admitted in the Semester-I from the Academic Session 2017 shall be incorporated in Chapter-L, Vol-II of the University Calendar, as approved by the University Council vide Resolution No. 86.91, which reads under:**

Existing	Amended Statute
<p><b>61. ENTITLEMENT FOR AWARD OF SCHOLARSHIP/PRIZE/ MEDAL</b></p> <p>A candidate who does not pass Post-Graduate Programme within the prescribed period of two/three academic years consisting of four/six semesters in FIRST ATTEMPT in all the semesters shall not be entitled to scholarship or a prize or a medal.</p>	<p><b>61. ENTITLEMENT FOR AWARD OF SCHOLARSHIP/PRIZE/ GOLD MEDAL/RANK CERTIFICATE</b></p> <p>A candidate who does not pass Post-Graduate Programme within the prescribed period of two/three academic years consisting of four/six semesters in FIRST ATTEMPT in all the semesters shall not be entitled to scholarship or a prize or a gold medal/rank certificate.</p> <p>The entitlement to a scholarship or a prize or a gold medal or a rank certificate shall be based on the criteria of highest marks in all the Semesters obtained by a candidate.</p>

- IV/ **Adoption of the Statutes and Scheme for Two Year B.Ed. Programme through Distance Mode from the Academic Session 2019-20 shall be incorporated in Chapter- XLIV-A, Vol-II of the University Calendar, as approved by the University Council vide Resolution No. 86.93, given in Annexure-I.**
- VI/ **Adoption of Statutes of Bachelor of Engineering under the Credit Based System (CBS) from the academic session 2018-19 shall be incorporated in Chapter- XLIX-A, Vol-II of the University Calendar, as approved by the University Council vide Resolution No. 86.95, given in Annexure-II.**
- ~~VI/ **Adoption of Statutes/Rules of Examination of Bachelor of Architecture from the academic session 2018 onwards shall be incorporated in Chapter- XLIX-C, Vol-II of the University Calendar, as approved by the University Council vide Resolution No. 86.97, given in Annexure-III.**~~
- VII/ **Adoption of Statutes of Bachelor of Engineering and Technology (B. Tech.) under the Credit Based System (CBS) from the academic session 2019 onwards shall be incorporated in Chapter- XLIX-B, Vol-II of the University Calendar, as approved by the University Council vide Resolution No. 86.98, given in Annexure-IV.**

**VIII/ Adoption of Statutes, Scheme and Syllabus of Master of Dental Surgery in various Specialties from the academic session 2020 onwards shall be incorporated in Chapter- LVI, Vol-II of the University Calendar, as approved by the University Council vide Resolution No. 86.100, given in Annexure-V.**

**IX/ Modification in the Statutes governing the degree of Bachelor of Engineering (B.E.) and Examination pattern of the Bachelor of Engineering (B.E.) Shall be incorporated in Chapter-XLIX, Vol-II of the University Calendar, as approved by the University Council vide Resolution No. 86.110, which reads as under:**

Statute	Existing	Modified
3.2	However the Controller of Examinations or Officer Incharge will issue role numbers/permissions/ admit card those candidates only in favour of whom a certificate received from the principal concerned that candidates has completed not less than 75% of the total lectures delivered in the semester and she/he maintained in discipline in the college.	Candidates having attendance < 75% in one/two courses (Theory/Practical) shall not be allowed to appear for final University examination in that particular course/courses. If attendance < 75% in more than two courses (Theory/Practical) the candidate shall be detained for the same year.
11.1	Not with standing anything contained in any Statue/Regulations for time being in force, the paper setter for the theory papers of all semester examination shall ordinarily be external. The evaluation shall ordinarily be conducted through table evaluation.	Not with standing anything contained in any Statue/ Regulations for time being in force, the paper setter for the theory papers of all semester examinations shall ordinarily be external and Dean/Convener in all disciplines is authorised to prepare the list of Paper Setters and Evaluators. The evaluation shall ordinarily be conducted through table/Mobile evaluation.
13	Seasonal awards, shall be forwarded to the Controller of Examination before the commencement of Semester Examination.	The Internal Sessional awards/ marks shall be submitted to the Controller of Examinations within 15 days after the completion of University B.E Semester examination

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Statutes and the Scheme for Two year B.Ed. Programme (Self Financing) to be offered by the Directorate of Distance Education, University of Jammu leading to Bachelor of Education (B.Ed) Degree.

1. **Course Structure:** The Course Structure for Bachelor of Education (B.Ed.) Programme in the Directorate of Distance Education shall extend over a period of two academic years (04 Semesters). This course shall be based on contact programmes, practice of teaching, internship or field Work (different components), Project work, workshop, assignments, external as well as internal examinations etc. The detailed scheme of the programme in terms of number of papers and other similar components shall be as same as is in vogue in the Colleges of Education affiliated to the University of Jammu.
2. **Duration:** B.Ed. programme offered through the DDE is of two year duration (four semesters). However, as per the Regulation 3 of NCTE Norms and Standards for Bachelor of Education Programme through Distance Learning System, students shall be permitted to complete the components of the degree within a period of five years. (Annexure-1)
3. **Mode of Admission:** The admission to two year B.Ed. Programme (04 Semesters) shall be made on the basis of merit of the candidate to be determined out of 100 points in the following manner:

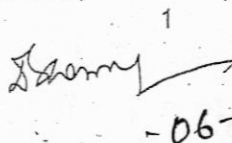
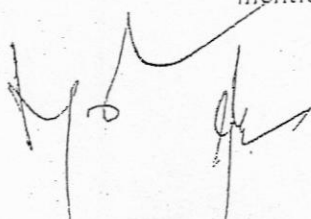
- a). In the case of candidate having 90 points  
passed B.A./ B.Sc./B.Com.  
under 10+2+3 examination
- b). In the case of candidate having

passed M.A./ M.Sc./ M.Com.

after Bachelor's Degree as mentioned 10 points  
at (a) above

Note:

- (i) The weightage of Post Graduate shall only be given if the candidate has completed M.A./M.Sc/M.Com.
- (ii) Aggregate marks obtained by a candidate in the examinations mentioned at a & b above, as the case may be, shall be reduced to the base of the number of points mentioned against each.



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Example: If a candidate has obtained 900 marks out of 1600 marks in B.A./B.Sc/B.Com. he/she will have secured 50.625 points out of 90 points (as per formula  $900/1600 \times 90$ ). Likewise if a candidate has secured 1000 marks out of 1600 marks in M.A./M.Sc/M.Com after bachelor's degree, he/she will have secured 6.25 points out of 10 points (as per formula  $1000/1600 \times 10$ ). The merit of the candidate out of 100 points will be  $50.5625 + 6.25 = 56.875$ .

Note:

- i) Credit for Master's Degree examination shall be given to a candidate in one subject only to his/her best advantage.
- ii) Inter-se order of priority for admission, of the students who have equal merit in terms of the above criteria shall be determined on the basis higher percentage of marks in the matriculation examination or any other examination recognized as equivalent thereto.

4. **Intake Capacity:** The intake capacity for the two year B.Ed. Programme in the DDE in a given academic session shall be 500.

5. **Time of Admission:** Admission to B.Ed. Programme through distance mode by the Directorate of Distance Education, University of Jammu shall start ordinarily in the first week of July every year.

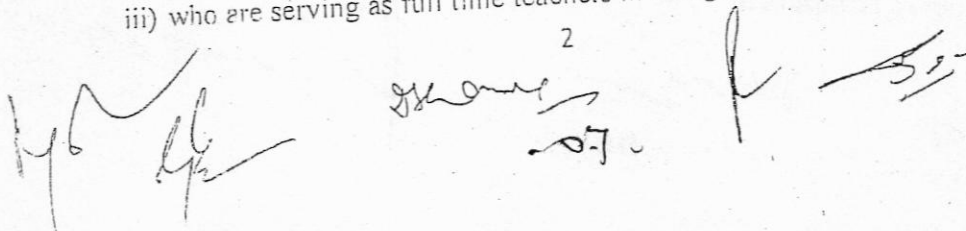
6. **Eligibility:** Admission to B.Ed. Programme in the Directorate shall be open to those candidates:

- i) who have passed Bachelor Degree Examination with 45% aggregate marks for General Category and 40% marks for the reserved categories of SC/ST and others (as per the rules of the State Govt./reservation policy of the University of Jammu) in the faculty of Arts, Science, Social Sciences, Commerce or the faculty of Music and Fine arts conducted by the University of Jammu or an examination from any

other university organized as equivalent thereto. It needs to be mentioned that all those in-service teachers who shall be deputed by the School Education Department shall be exempted from the %age criteria in the qualifying examination. They shall be deputed by their parent department on the basis of the seniority determined by the School Education Department.

- ii) Who have a minimum of 2 years teaching experience at the time of submission of the application form for admission. The experience/service certificate has to be countersigned by the competent authority concerned.

- iii) who are serving as full time teachers in recognized schools (Primary, Elementary,



Secondary, Higher Secondary levels) within the territorial jurisdiction of the University of Jammu.

iv) First preference will be given to the candidates who have completed Diploma in Education/Diploma in Elementary Education/ who are trained in-service teachers in Elementary Education.

7. **Reserved Category Seats:** The reservation in seats for admission to the B.Ed. Programme for SC/ST/OBC/PWD and other categories shall be as per the rules of State government/ University of Jammu.

8. **Admission Procedure:** Admission shall be made through Counselling on the basis of properly filled in forms. Incomplete forms shall be rejected. The Counselling schedule shall be notified separately. No separate invitation for Counselling shall be sent individually to the candidates. The candidates have to be present personally at the time of Counselling.

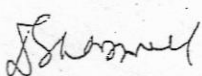
9. **Self Learning Material:** The Directorate shall provide the self learning material to the enrolled students as per the prescribed syllabi and statutes.

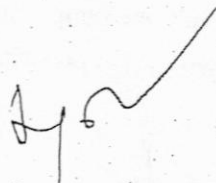
10. **Personal Contact Programme:** Apart from the self learning material, the DDE shall conduct 04 personal contact programmes (one in each semester) during the entire programme in addition to other programmes like internship, workshops, extension lectures, etc. The duration of each contact programme shall be 15 working days per semester which will be conducted at different available academic institutions/PCP centres. Remuneration @ Rs 2000/- per PCP shall be paid to the Programme Director, Personal Contact Programme at the PCP centres outside the DDE.

11. **Curriculum:** The curriculum of the B.Ed programme offered through the face to face (applicable to the Colleges of Education affiliated to the University of Jammu) will be the curriculum of the B.Ed programme through the Distance mode by the Directorate of Distance Education, University of Jammu.

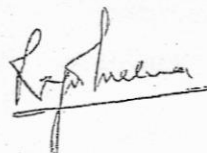
#### 12. Practical Components

- **Internship/School Based Activities:** The student teachers pursuing B.Ed programme through the distance mode by the Directorate of Distance Education shall be involved in activities which a teacher is supposed to perform in the school. These activities shall be conducted in the recognized institutions of the School Education Department like Elementary Schools, Anganwadi centres, SIE, DIETS, High and Higher Secondary Schools. As per Regulation 6.2 (g) of NCTE Norms and Standards for Bachelor of Education Programme through Distance





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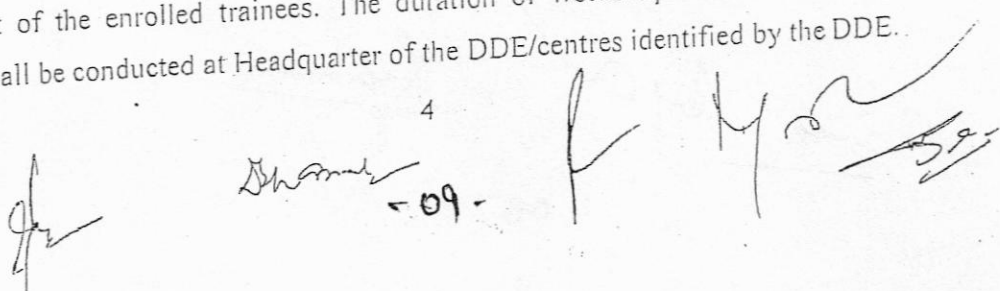
Learning System, the student-teacher shall interact with a faculty member (a senior and experienced teacher/principal/faculty of the school where the student teacher is working) to work on school based activities. Thus, a student-teacher shall be supervised/guided by the mentor for the school based activities. (Annexure-2). The activities of the student-teacher shall be monitored by a team comprising three senior teacher-educators, constituted in consultation with Dean and coordinator concerned. The team shall visit the venue when internship and teaching practice are in progress.

- **Practice of Teaching:** As per Regulation 6.2 (h) of NCTE Norms and Standards for Bachelor of Education Programme through Distance Learning System, this activity shall be conducted in the recognized schools of the School Education Department where the student teacher works, under supervision of senior teacher/headmaster/principal of the school concerned. (Annexure-3) The student teacher shall be provided constructive feedback on his/her performance by the supervisors/ teacher educators. The student teacher shall discuss with supervisors/teacher educators the preparation of the lesson plans, delivery of lessons and feedback on the lessons delivered. Each student teacher shall receive personal supervision and feedback on his/her teaching practice from the teacher. Considerable emphasis will be given on skill development and pedagogy.

*Note: The overall supervision of both these activities i.e., internship as well as internal practice of teaching shall be carried out by the course coordinator concerned including the concerned faculty (Education) of the Directorate.*

**13. Guidance and Counseling:** Guidance and Counselling plays a vital role in guiding the distance learners with respect to their academic problems. Academic Counseling shall be spread over the entire duration of the B.Ed. programme and be conducted on regular basis depending on the needs and convenience of the learner. The counseling shall be meant for providing personalized guidance to the enrolled students regarding content difficulty, internship, practice of teaching, field work, assignments etc. For face to face guidance and counseling, learners will be advised to contact their Course Co-ordinator/ Teacher Incharge.

**14. Workshop/s:** The DDE shall organize the orientation workshop. (one in each semester) related to the various Components/Skills for the academic excellence and professional development of the enrolled trainees. The duration of workshop shall be of two days. The workshop shall be conducted at Headquarter of the DDE/centres identified by the DDE.

The bottom of the page features several handwritten signatures and initials. On the left, there is a signature that appears to be 'Jr'. In the center, there is a signature that looks like 'Shamir' followed by the number '09'. To the right of this, there are two more signatures: one that looks like 'F' and another that looks like 'H. S. S.'.



15. **Medium of Instructions and Examination:** English shall be the medium of instruction and examination in all papers except in Modern Indian Languages, where the medium of instruction and examination shall be the language concerned.

16. **Attendance:** In order to earn eligibility to sit in the semester end examination, each pupil teacher is required to obtain 80% attendance of the total lectures delivered during the PCP including workshop in each course offered by him/her in that semester. 90% attendance shall be compulsory for practical components of the Programme like Internship and Internal Practice of teaching. Regarding the attendance of contact programmes, the attendance records shall be maintained by the resource person concerned and the record of the attendance of the practical components of the course i.e., internship and internal practice of teaching shall be maintained by the senior teacher/headmaster/principal of the practice teaching school allotted to the trainee/where the student teacher is working.

17. **Shortage of Attendance & Condoning the shortage:** The Course Coordinator in consultation with the Director/Competent Authority may condone shortage of a student in attendance in a particular contact programme for special reasons, to be recorded in writing, up to 5% of the lectures delivered. But the internship and internal practice of teaching is to be done by the student, for which no condoning is effective. The internship and practice of teaching is compulsory.

**18. Eligibility for Examinations:**

1. At the end of every semester, semester/term end examination would be held by the University as per the academic calendar/schedule. All the candidates who have fulfilled the conditions of attendance, internals as well as Internship cum Teaching Practice, shall be allowed to take examination.
2. Examinations in the 1<sup>st</sup> and 3<sup>rd</sup> semester courses will be held ordinarily in the November and examination in the 2<sup>nd</sup> and 4<sup>th</sup> semester courses will be held ordinarily in the May every year or on such dates as may be approved by the Vice- Chancellor.
3. The examination shall be open to the student teacher who :
  - a/ has a good conduct and character;
  - b/ has completed 80 % of attendance in each subject in theory and 90% for school internship in each semester .
  - c/ has completed school internship as per the norms laid down for the same ;



Ex-students i.e. persons who after having undergone a course of study and having completed all conditions of eligibility for appearance in a course or courses in a semester end examination including minimum attendance requirement and having secured D grade in sessional work and having either failed to pass the semester examination in that course(s) or has been unable to appear in the examination in that course(s) will be eligible to appear as a private candidate in a examination by submitting his/ her application on the prescribed form along with prescribed fees to reach the controller of examinations within the dates fixed for this purpose.

Notwithstanding anything contained in these Statutes, the Syndicate shall have the power to exclude any candidate from appearing in any examination if it is satisfied after issuing a show-cause notice to the candidate and holding an inquiry, that such a candidate is not a fit person to be admitted there to.

#### 19 Admission in the next Semester

Admission in the II, III and IV Semester in B.Ed Two year (four semesters) program in operation shall be made on the prescribed forms to be filled up by every student seeking continuation of admission to the next semester.

i) Admission for the II & IV semesters shall be completed by the Directorate within 15 days from the date of termination of the I/III semester examination. However, admission in the 3<sup>rd</sup> Semester of B.Ed shall be subject to having passed at least 50% of the courses of the Ist Semester, appearance in at least in the two courses of the II<sup>nd</sup> Semester and having secured minimum of D grade in the Internals and must have completed the Internship of the Ist & II<sup>nd</sup> Semesters.

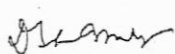
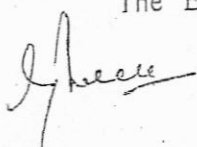
ii) Provided that a late fee as per the notification issued from time to time shall be paid by each student seeking admission after the last prescribed date, up to 3 days maximum delay and thereafter no admission for continued enrolment shall be made.

Notwithstanding anything contained above the Vice-Chancellor shall be competent to alter the above schedule of continued enrolment.

i) There will be carry-on system in the Two year B.Ed course and supplementary examination in the 3<sup>rd</sup> & 4<sup>th</sup> semesters of Two year B.Ed course (as approved by the university council)

#### 20. Examination:

The Examination is a continuous process and the formative and summative



techniques would be used to complete the process of examinations. The Semester End Examination will be conducted at the end of each semester by the Controller of Examinations as in the case of regular students. The Examination would be held in the following components:

a. **Theory Papers (External Examination):** The theory comprises the core subjects and the content-cum-methodology papers. The theory examination will be held as per the datesheet notified by the Controller of Examinations. The minimal pass percentage for a student shall be as same as is in vogue in the colleges of education affiliated to the University of Jammu. The scheme of evaluation of the students shall be based on internal and external modes of evaluation. The evaluation shall be as per the scheme approved by the Board of Studies in Teacher Education, University of Jammu and as in vogue for regular colleges of education.

b. **Internship- cum- Teaching Practice Examination (External Examiners):** The competent authority by the powers vested in him/her would appoint External Examiners for the evaluation of various components pertaining to practical course work like practice of teaching, internship, project work etc from the panel submitted by the convenor Board of Studies in Teacher Education. The qualification and eligibility for an external examiner shall be the same as is in vogue for the colleges of education affiliated to the University of Jammu.

21. **Award of Degree:** The successful candidate of the B.Ed programme through the distance mode by the Directorate of Distance Education, University of Jammu shall be awarded the same degree as is awarded to the successful regular candidate of college of education affiliated to the University of Jammu. A candidate shall be eligible for the Award of the Degree of B.Ed. only if he/she has earned the required credits for the programme prescribed.

	Greater		Less		Grade Awarded
	or	Equal	Than	%	
	to	% of	Of		
	Marks		Marks(<		
	(>/=)		)		
1	80		-		A+

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2.	75	80	A
3.	68	75	B+
4.	60	68	B
5.	50	60	C
6	40	50	D
7.	36	40	E
8.	20	36	F

Those who gain A+ to D Grades are considered successful whereas the below D (i.e.E) is to be considered fail or dropped for the Different Components

- i) Core /Foundational Courses
- ii) Pedagogy Cum Content Courses
- iii) Internship-cum-Practice Teaching &Project work

The final results shall be displayed in Grades as approved by the Competent Body.

I. A candidate, who passes, in theory but not successful in Internship examination will not be a successful candidate to earn the Degree as the candidate has to be successful in all the three components( Core/ Foundation Courses, Teaching Courses and the Internship) simultaneously irrespective of the minimum of grades earned.

II. A candidate, who is successful in Internship examination but not successful in Theory Part (Foundational courses and the teaching courses) of the examination, shall be required to take the examination again in theory to earn the minimum grades to be declared eligible for award of B.Ed Degree.

III. Students pursuing the said course shall be permitted to complete the program within a maximum period of five years from the date of the admission to the program.

IV. In no case the Internship could be exempted fully or partially. It is to be done as suggested.

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22. **Monitoring and Supervision:** The DDE shall put in place a monitoring mechanism for the academic excellence and welfare of its learners. Various strategies for monitoring the academic activities like periodic visits to the PCP centres/practice teaching schools by the concerned course coordinator/faculty, collection of regular feedback both from the students & I/C PCP programme and supervisor of TP programme, interaction with learners through electronic media, etc and maintaining specified records by the DDE shall be some of the components of the Monitoring and Supervision system.

23. **Academic Coordination Committee (ACC):** There will be Academic Coordination Committee on the pattern of affiliated colleges of education, which will comprise two teachers from the faculty (education) of the DDE and two other teacher educators on the rational basis.

24. **Duties of the Coordinator:** The Coordinator of B.Ed. Programme shall perform the following duties:

- a) To supervise and coordinate academic work of the programme.
- b) To ensure that enrollment is completed.
- c) To get the study material prepared in accordance with the syllabus prescribed for the programme by the University and gets that delivered to the students.
- d) To plan the holding of Personal contact Programme classes, make arrangements for resource persons, frame the time table, organization of instructional work of the Programme and draw allowances for the purpose of PCPs and maintenance of attendance record of the students.
- e) To take up instructional work in Personal contact Programme at least one period a day.
- f) To arrange evaluation of assignments/test papers and maintain internal assessment record of candidates and to ensure its safe custody.
- g) To plan holding and organization of internship and internal practice of teaching component, arrangement of supervisors in schools for Practice Teaching Programme and to maintain assessment record of internal practice of teaching.
- h) To forward the Internal assessment awards of the candidates to the Controller of Examinations.
- i) To provide academic and informative support to the enrolled students.
- j) To supervise the books of the Programme in the Library and to ensure provision of adequate number of text books and reference books of the Programme in the Library.



k) To perform such duties as are assigned under statutes of the University and other academic, administrative work as may be assigned to him/her by the Director of the Directorate from time to time.

l) In case a coordinator is required to work on Saturdays, Sundays and Holidays in the Personal Contact Programme/ Workshop/ Practice of Teaching/ Internship, he/she will be permitted to avail himself/herself of compensatory leave.

**25. Duties of a Teacher:** Duties of a teacher in the Programme shall be:

a) Organization and supervision of internship teaching during Personal contact Programme providing academic guidance to the students and such other teaching work as may be assigned by the Coordinator/Director of the Directorate.

b) To take instructional work in Personal Contact Programme.

c) In case a teacher is required to take classes on Saturdays, Sundays and Holidays in the Personal Contact Programme/ Workshop/ Practice of Teaching/ Internship, he/she will be permitted to avail himself/herself of compensatory leave.

d) Checking of Students' assignments/test papers.

e) Maintenance of record of work done, maintenance of Internal Assessment record of the students and timely submission of such record to the Coordinator.

f) To perform such duties as are assigned under statutes of the University and other academic, administrative work as may be assigned to him/her by the Director of the Directorate from time to time.

**26. Remuneration:** Remuneration on account of lesson writing, proof reading, PCP classes, Evaluation of Assignments shall be paid at the rates which shall be approved by the competent authority of the University from time to time for the said course.

**27. Admission Fee and Programme Fee:**

The breakup of the fee shall be as follows:-

S.No.		Amount
01	Academic Fee	Rs.8970/-
02	PCP Fees	Rs.3350/-
03	Teaching Practice	Rs. 940/-
04	University Corpus Fund	Rs. 220/-
05	Stationery Fee	Rs. 260/-
06	Printing Fee	Rs 2240/-
07	Enrolment Fee	Rs.1560/-

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08	Development Fund (DDE)	Rs 2240/-
09	B.Ed. Contingency Fund	Rs.1130/-
10	Infrastructure Fund (DDE)	Rs. 450/-
11	Study Material Fee	Rs.2200 /-
12	Digitalization and Networking Fund	Rs. 220/-
13	Students Insurance Fee	Rs. 120/-
14	Miscellaneous Fee	Rs. 190/-
15	Degree Fee	Rs 810/-
	Total	Rs.24,900 /-

**Support Services and Miscellaneous Fee:**

1.	Postage and Publicity Fee	Rs. 675/-
2.	Medical Assistance Fee	Rs.120/-
3	NSS Fee	Rs.130/-
4	DIQA Fee	Rs.220/-
5.	Prospectus -Cum-Brochure Fee	Rs. 275/-
6.	Students Support Fee	Rs: 550/-
7.	Project Fee	Rs1100/-
8.	Cultural Literary Fee	Rs. 150/-
	Total	Rs.3,220/-

**Examination Related Fee:**

1.	Examination Fee	Rs.1080/-
2.	Cost of Examination Form	Rs. 100/-
3.	Examination Development Fund	Rs1210/-
4.	Exam Maintenance Service Fee	Rs. 140/-
	Total	Rs.2,530 /-

### Library and Reading Room Fee:

1.	Library Security(Refundable)	Rs.790/-
2.	Reading Room Fee	Rs.150/-
3.	Cost of Smart Card	Rs.130/-
4.	Library Fee	Rs.220/-
5.	Library Development Fund	Rs.440/-
	Total	Rs.1,730 /-

Grand Total = 24,900+3,220+2,530+1,730= Rs 32,380/-

Every Candidate shall also have to pay registration, Eligibility and such other fee as are prescribed by the University.

Note: - The Fee Structure indicated above is subject to revision after obtaining necessary permission from the competent authority.

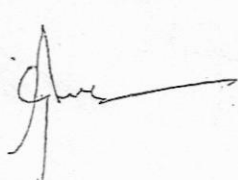
28. Refund of Fee: No refund of fee is permissible once a candidate has been admitted to the B.Ed. programme admitted/ enrolled.

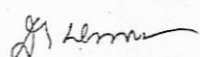
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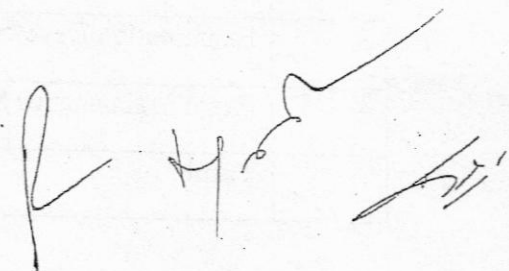
- I. The applicant declared ineligible for admission must submit an application for refund to the Director, Directorate of Distance Education within 15 days after being declared as ineligible, after which no request for refund shall be entertained.
- II. If a candidate is found ineligible and not enrolled, the fee paid by him/ her shall be refunded after deducting Rs 200/- to cover remittance and other charges.
- III. If the applicant is not enrolled because of his/her having not submitted the required certificates by the date fixed for the purpose or has submitted bogus or forged documents, his/her admission shall be cancelled and fee paid shall not be refunded.

### 29. Expected Income in First Three Academic Sessions:

Session	2019-2021	2020-2022	2021-2023
No. of Candidates=	500X32,380	500X 32,380	500X 32,380
500	=Rs. 1,61,90,000/-	=Rs. 1,61,90,000/-	=Rs. 1,61,90,000/-







30. Proposed Expenditure for First Three Academic Sessions:

S.No	Year	2019-2021	2020-2022	2021-2023
1	Preparation of Study Material, 540 Lessons @ Rs.2500/-	Rs 13,50,000/-	SLM need not to be prepared	-
2	Typing of Lessons @ Rs 20 per page	Rs. 36,000/-	-	-
3	Cost of Printing Paper	Rs. 50,000/-	Rs. 60,000	Rs 60,000
4	Printing of Lessons	Rs. 4,00,000/-	Rs. 4,00,000	Rs. 4,00,000
5	Evaluation of assignments / test papers @ Rs 7/- per assignment/ test paper	Rs. 3,20,000/-	Rs. 4,00,000	Rs. 4,00,000
6	PCP programme Director	Rs.2000/- Per PCP, Four PCPs in a session = Rs 8000/-	Rs.2000/- Per PCP, Four PCPs in a session = Rs 8000/-	Rs.2000/- Per PCP, Four PCPs in a session = Rs 8000/-
7	PCP resource person remuneration @ Rs 500/-per Lecture of 50 minutes duration	Rs. 15,00,000/-	Rs.15,00,000/-	Rs.15,00,000/-
8	Books for Library	Rs. 1,00,000/-	Rs.1,00,000	Rs 1,00,000
9	Psychological Tests	Rs 20,000/-	Rs 20,000/-	Rs 15,000/-
10	Internship 1000@50	Rs 50,000/-	Rs 50,000/-	Rs 50,000/-
11	Stationary/clerks/peons/waterman	Rs 1,00,000/-	Rs 1,00,000/-	Rs 1,00,000/-
12	Project 500 @1000 for 50 Students	Rs 10,000/-	Rs 10,000/-	Rs 10,000/-
13	Workshop /extension activity	Rs 1,00,000/-	Rs 1,00,000/-	Rs 1,00,000/-
14	Final TP/ Projects	Rs 1,00,000/-	Rs 1,00,000/-	Rs 1,00,000/-
15	Teaching practice 50 schools @2000For supervisor 10 CEO'S @2500	Rs 2,50,000/-	Rs 2,50,000/-	Rs 2,50,000/-
16	TA/DA	Rs. 1,00,000/-	Rs. 1,00,000/-	Rs. 1,00,000/-

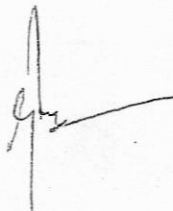
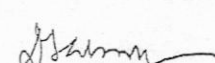


17	Remuneration of Jr Assistant@11690+Peon@8762	Rs. 2,45,424	Rs. 2,45,424	Rs. 2,45,424
18	Degree Fee	Rs. 4,05,000/-	Rs. 4,05,000/-	Rs. 4,05,000/-
19	Medical Assistance Fee	Rs. 60,000/-	Rs. 60,000/-	Rs. 60,000/-
20	N.S.S. Fee	Rs. 65,000/-	Rs. 65,000/-	Rs. 65,000/-
21	DIQA Fee	Rs. 1,10,000/-	Rs. 1,10,000/-	Rs. 1,10,000/-
22	Examination Related Fee	Rs. 12,65,000/-	Rs. 12,65,000/-	Rs. 12,65,000/-
23	Library Security	Rs. 3,95,000/-	Rs. 3,95,000/-	Rs. 3,95,000/-
	<b>TOTAL</b>	<b>Rs. 70,39,424/-</b>	<b>Rs. 57,43,424/-</b>	<b>Rs. 57,38,424/-</b>

### 31. Income and Expenditure Statement:

Sessions	Income	Exp.	Balance
2019-21	Rs. 1,61,90,000/-	Rs. 70,39,424/-	Rs. 91,50,576/-
2020-22	Rs. 1,61,90,000/-	Rs. 57,43,424/-	Rs. 1,04,46,576/-
2021-23	Rs. 1,61,90,000/-	Rs. 57,38,424/-	Rs. 1,04,51,576/-

It is evident from the figures of income and expenditure that the B.Ed programme is not only viable but will also generate surplus funds, which will ultimately lead to the development of the Directorate as well as of the University.

**STATUTES GOVERNING THE DEGREE OF BACHELOR OF ENGINEERING (CBS)**

**A. PREAMBLE**

The Dean Faculty of Engineering, University of Jammu in consultation with the Board of Studies in anticipation of the approval of the Competent Authority has adopted the credit based system for the undergraduate programs offered in the affiliated colleges under the Faculty of Engineering from the ensuing academic session 2018-19, as per the latest reforms recommended by the AICTE.

The thrust of Credit Based System is on continuous learning and evaluation, inter-disciplinary study, practical exposure and accumulation of course credits. It aims at making the academic programs student oriented, flexible, inter-disciplinary and relevant to the modern technology. Under this system, students will have freedom to select the electives and undertake various MOOC courses, to suit their interest, aptitude and needs. The student is provided abundant opportunity during the program of study to accumulate credits. The aim of the system is to strengthen the academic potential of the student beyond the course curriculum.

**B. TITLE**

These Regulations shall be called "Regulations Governing the Credit Based System for Undergraduate programme in Engineering" from the academic session 2018-19. In short, it will be referred to as "JU(UG) CBS REGULATIONS".

**C. SCOPE, APPLICATION AND COMMENCEMENT**

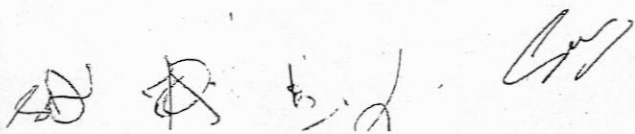
The regulations shall apply to all Bachelor of Engineering Undergraduate Programmes offered by the colleges affiliated to University of Jammu from the academic year 2018-19. The learning and evaluation is on Semester based pattern. Eligibility, qualification and admission procedure is as approved by the Academic Council. Provisions under these regulations hereby supersede all the existing regulations for the regular undergraduate programmes in Engineering offered by the affiliated colleges to the extent prescribed herein.

**1. DURATION**

1.1 There shall be a 4 years Bachelor's Degree Course in Engineering (hereafter referred to as B.E. Degree Course) comprising the following eight academic semesters:-

1. BE. 1<sup>st</sup> Semester
2. BE. 2<sup>nd</sup> Semester
3. BE. 3<sup>rd</sup> Semester
4. B.E. 4<sup>th</sup> Semester
5. BE. 5<sup>th</sup> Semester
6. B.E. 6<sup>th</sup> Semester
7. B.E. 7<sup>th</sup> Semester
8. B.E. 8<sup>th</sup> Semester

The maximum time duration to complete the B.E. Degree course will be 8 years. If a candidate fails to complete the B.E course within 8 years, his/her registration for B.E. course shall stand cancelled.



1.3 The examination for the B.E. Degree in Engineering shall be conducted in the following disciplines:-

- a) Civil Engineering
- b) Mechanical Engineering
- c) Electrical Engineering
- d) Electronics and Communication Engineering
- e) Computer Science and Engineering
- f) Information Technology Engineering

And other disciplines as may be approved by the University from time to time.

## 2. ADMISSION

2.1 Admission to the 1<sup>st</sup> Semester of 4 year B.E. Degree Course shall be open to candidates who have passed 12<sup>th</sup> class examination under 10+2 scheme with English, Physics and Chemistry (Science Group) from J&K State Board of School Education or any other examination conducted by a University/ State Board of Secondary Education recognized as equivalent thereto with not less than 50% marks in aggregate in the qualifying examination in respect of open category and 40% marks in aggregate in respect of SC/ST categories. The admission shall be made on the basis of Common Entrance Test conducted by the Board of Professional Entrance Examination of the State Govt. for the purpose.

2.2 Depending upon the number of vacancies approved by the State Government Authorities from time to time, Diploma Holders with a minimum of 60% marks in the aggregate in any branch of Engineering from any State Board of Technical Education recognized by the All India Council for Technical Education (AICTE) shall also be eligible for admission directly to the 3<sup>rd</sup> semester of the 4-years B.E Degree Course based on the Common Entrance Test to be conducted by the University of Jammu under Lateral Entry Scheme. The total number of seats under this category shall be 10% of the total sanctioned strength (branch wise) in that year. These seats shall be however, over and above the sanctioned strength. The admission of the eligible candidates under reserved categories in B.E 3<sup>rd</sup> semester through lateral entry scheme to various disciplines of engineering shall be made as per the reservation rules of State Government.

**2.3 Admission made by the College shall remain provisional till such time the eligibility of the candidates admitted is approved by the university.**

2.4 The admission to 1<sup>st</sup> Semester of 4-year B.E. Course shall normally be made on or before the 15<sup>th</sup> of August each year and the academic programme of the students shall commence on 16<sup>th</sup> of August or from the next working day if 16<sup>th</sup> August happens to be a holiday.

2.5 The Vice-Chancellor may in exceptional case, on the recommendation of the Principal permit late admission to a candidate on payment of a late fee as may be prescribed by the University from time to time, within the period of 30 calendar days from the date of examination.

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2.6 Any student studying in an Engineering institution affiliated to a recognized University, on the recommendation of Dean, Faculty of Engineering be allowed to migrate by the Vice-Chancellor, to the University of Jammu on fulfillment of the requirements prescribed here under:-

- i) Not more than one student in each discipline shall be allowed migration in an academic year. Provided there is a prior approval of the State Government for such additional quota of seats.
- ii) The migration shall be allowed to a student who has been admitted through a State or National level Entrance Test or a test conducted by any agency approved by the State Govt. for this purpose,
- iii) The migration shall be permitted in 3<sup>rd</sup> Semester only. The equivalence of courses covered by the student in 1<sup>st</sup> and 2<sup>nd</sup> Semester shall be established by the Dean, Faculty of Engineering. Any backlogs determined there of shall have to be cleared by the candidate/s within permissible chances as per the University rules.

### 3. MINIMUM ATTENDANCE

3.1 Regular examination of each semester shall be open to a candidate who fulfils the statutory conditions and his/her name is recommended by the Principal of the concerned College to the Controller of Examinations along with the relevant certificates like medical, sports, etc.

3.2 Candidates having attendance <75% in maximum of two courses (Theory/ Practical) shall not be allowed to appear for final university examination in that particular course/ courses; if attendance <75% in more than two courses (Theory/ Practical) the candidate shall be detained for that particular year.

### 4. CONDONATION OF ATTENDANCE

4.1 The Principal of the College shall be competent to condone shortage on genuine grounds up to 15% of the total number of class attendance in each semester. Student whose attendance falls short by more than 15% or whose deficiency is not condoned by the Principal shall not be permitted to appear in the examination and shall have to enroll herself/himself as a regular student of the College in the subsequent year in the semester in which she/he has failed to fulfill the attendance requirement.

#### 4.2 ATTENDANCE IN LIEU OF PARTICIPATION IN GAMES ETC.

Any candidate who participates in games, cultural and other co-curricular activities as defined below with the prior approval of the Principal concerned shall, for the purpose of condoning deficiency in attendance on account of such participation, be treated as present on all the working days during the days of his absence on such account for a period not exceeding 15 working days in a Semester Programme.

- a) State representation in International/All India Competitions organized by agencies which are recognized by the Board of Sports and Youth Welfare.
- b) Participation in the inter-university Competitions held under the auspices of a University or any other recognized Institution as a member of the University team.



- c) Participation in the Inter-College Competitions organized by the University as a member of the Team of Participating Institution.
- d) Participation in the N.C.C., N.S.S. and National Integration Samiti activities as a member of recognized Institutions.
- e) Participation in the Coaching Camps/Rehearsals prior to participation as a member of State or University Team in the National/All India/Inter-University Competitions.
- f) Participation in the Mountaineering/Hiking/Trekking/ Skiing/Rock-climbing or other such activities organized under the auspices of the State Government/University as a member of the Institution affiliated/recognized by the University.

## 5. AUTHORITY FOR PRESCRIPTION OF COURSES OF STUDY

The syllabi and courses of study for each subject shall be approved by the Academic Council on the recommendation of the Dean, Faculty of Engineering.

## 6. DATES FOR SUBMISSION OF FORMS

6.1 Candidates shall fill up their examination forms prescribed by the University for seeking permission to sit in an examination within 45 days (for I-Semester) and 30 days (for II to VIII Semesters) from the last date of admission, without late fee, to the semester concerned of the College and also pay the requisite examination fees on the dates to be determined by the Principal.

6.2 The forms together with the fees as prescribed by the university from time to time shall be sent to the Controller of Examination by the principal of the college two months preceding the date of a semester programme. Wherever the examination forms/fees are received after the prescribed last date, the College shall be liable to pay a late fee as may be prescribed by the university from time to time per candidate per day.

## 7. SCHEME OF EXAMINATION

7.1 The examination for various Semesters consisting of written papers and sessionals shall be held as per the Academic Calendar.

7.2 The medium of instruction as well as examination for the Degree shall be English.

## 7.3 Holding of Regular/Supplementary Examination

During the course of one academic year, regular examination for theory papers for Odd semesters i.e. 1<sup>st</sup>, 3<sup>rd</sup>, 5<sup>th</sup> & 7<sup>th</sup> shall be held during December/ January and for Even semesters i.e. 2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup>, & 8<sup>th</sup> shall be held during May/June as per the academic calendar, whereas examinations for reappear /backlog shall be held along with the regular examinations. There shall however be special supplementary examinations in B.E. for 5<sup>th</sup> to 8<sup>th</sup> Semesters.

## 8. PASS PERCENTAGE

8.1 The credit based UG curriculum in Engineering for all B.E courses as per the new AICTE model curriculum has been adopted from the session 2018-19 and onwards. In view of the credit system the evaluation shall be on the basis of Grade and Grade points and shall be finally reflected as semester Grade point average (SGPA) and cumulative Grade point average (CGPA). The CGPA can be converted to equivalent percentage by multiplying CGPA

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by 9.5. The minimum marks required to pass in each course examination of any semester shall be 40% (Grade D) in theory examination and sessionals separately; provided that a candidate who appears in all courses of a semester and fails in only one course (theory part only) by not more than 3% of the maximum marks allotted to that course shall be deemed to have passed the examination. Provided that this concession shall not be granted in the sessionals and to a candidate who passes the theory courses of examinations of semesters in parts.

8.2 A candidate shall be declared to have failed in a particular course, if his/ her marks in theory, sessionals for that course are less than 40% (Grade E). In that case, the student shall be allowed one or more chance to reappear in the sessionals alongwith the regular students of same semester. His/ Her sessionals will thereafter be communicated to the Controller of Examinations along with the regular students.

8.3 A candidate shall be declared to have failed in a laboratory course, if he/ she secures less than 40% (Grade E) in a particular laboratory course. Such a candidate can clear the backlog only when such a laboratory course examination will be available.

8.4 The evaluation of sessional marks in the theory papers of all the semesters shall be based on the following distribution:

- i) Class Test 40%
- ii) Class Assignments 40%
- iii) Class Attendance 20%

The marks out of 20% for regularity in attendance shall be awarded according to the following Scale:

Attendance	Marks
a) Below 75% of the total number of attendances	Zero
b) From 75% to 85% of the total number of attendances	60%
c) Above 85% to 90% of the total number of attendances	80%
d) Above 90% to 100% of the total number of attendances	100%

Two compulsory class tests shall be held in each course will equal weightage of marks for each class test. However, if a candidate is unable to appear in any of the two tests conducted because of the genuine reasons may be given one more chance by the principal on the request of the candidate.

8.5 The evaluation of sessional marks in the laboratory course shall be based on the following distribution:

- i) Lab. Work (Continuous assessment) 50%
- ii) Viva-Voce test 30%
- iii) Attendance 20%

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The marks out of 20% for regularity in attendance shall be awarded according to the following Scale:

Attendance	Marks
a) Below 75% of the total number of attendances	Zero
b) From 75% to 85% of the total number of attendances	60%
c) Above 85% to 90% of the total number of attendances	80%
d) Above 90% to 100% of the total number of attendances	100%

8.6 The successful candidate of the B.E Degree under the CBS shall be awarded Grade/ Grade points as per the system of evaluation tabulated below:

Grade	Grade Points	Percentage of Marks Obtained	Remarks
A+	10	85 & Above	Outstanding
A	9	75 < 85	Excellent
B	8	65 < 75	Very Good
C	7	55 < 65	Good
D	6	40 < 55	Average
E	4	Below 40	Fail
AB	0	Absent	Absent

(i) A student obtaining Grade E shall be considered failed and will be required to reappear in the examination as per existing rules of the University under CBS for Under Graduate Courses.

(ii) Grade (D) or percentage of marks (40%) is required to pass in a course, SGPA of 6 to qualify a semester and a minimum CGPA of 6 to qualify for a UG Degree

Note: The CGPA can be converted to equivalent percentage by multiplying CGPA by 9.5.

### 8.7 COMPUTATION OF SGPA AND CGPA

The following procedures shall be used to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

1. The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student i.e.

$$SGPA (S_i) = \sum (C_i \times G_i) / \sum C_i$$

Where  $C_i$  = Number of credits of the  $i^{th}$  course

$G_i$  = Grade point scored by the student in the  $i^{th}$  course.

2. The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a program, i.e.

$$CGPA = \sum (C_i \times S_i) / \sum C_i$$

where  $S_i$  = SGPA of the  $i^{th}$  semester

$C_i$  = Total number of credits in that semester

3. The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcript.

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## 9. ISSUANCE OF GRADE CARD

The candidate will be supplied a marks certificate indicating the marks, grade and grade points secured in each subject/ paper immediately after the declaration of result of each semester examination. The university under its seal shall issue to the student a marks certificate on completion of each semester, which shall contain the following information.

- Name of University.
- Title of Undergraduate Programme.
- Semester.
- Name and Registration number of student.
- Course Code, Title and Credits of each course registered in the semester.
- Grade, Grade Point and CGPA/SGPA.

The **OVERALL GRADE CARD** issued at the end of the final semester shall contain the details of all courses taken during the entire programme. Apart from CGPA of the programme, the SGPA grades obtained for all the courses shall be shown in the overall grade card.

## 10. NON ENTITLEMENT FOR ACADEMIC AWARDS

Candidates having passed the theory papers in supplementary examination by a repeat performance in any semester examination shall not be eligible for any academic award of Distinction, Prizes and Medals.

## 11. ENTITLEMENT FOR ACADEMIC AWARDS

Gold Medals/ Awards etc., shall be awarded by the University each year in accordance with the regulations made there under at the time of Convocation to the candidates securing first position in order of merit of CGPA in each discipline and one to the overall topper. In case of tie(s) in CGPA the total percentage obtained by the candidate in all the semesters taken together shall decide the award as per merit.

## 12. APPOINTMENT OF PAPER SETTERS/EXAMINERS

12.1 Notwithstanding anything contained in any Statute/ regulations for the time being in force, the paper setter for the theory papers of all semester examinations shall ordinarily be external and Dean/Convener in all the disciplines is authorized to prepare the list of paper setters and evaluators. The evaluation shall ordinarily be conducted through table/mobile evaluation.

12.2 The Viva-voce examination in respect of Project/Thesis/Practical training and professional interviews in respect of Engineering branches, wherever applicable, shall be conducted by three examiners viz. the external examiners, the Head of the Department and the Supervisor.

## 13. PROMOTION FROM ONE SEMESTER TO ANOTHER

Promotion from one semester to another semester i.e. from 1<sup>st</sup> semester to 2<sup>nd</sup> semester, 2<sup>nd</sup> semester to 3<sup>rd</sup> semester and so on shall be automatic. Provided that a candidate shall not be allowed to attend classes in the next higher semester unless he/she has appeared in the examination of immediate preceding semester.



14. The internal Sessional awards/ Marks shall be submitted to the controller of examinations within 15 days after the completion of University B.E End semester examinations.

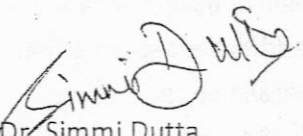
15. A candidate who has been enrolled for the B.E. Course shall be admitted to the B.E. Degree only when she/he has been declared successful in the examinations of all the semesters in accordance with the above Statutes

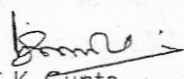
16. The overall grade card shall be issued on payment of such a fee as prescribed from time to time to a student who has completed the B.E course and has been declared successful in the semester examinations in conformity with above statutes.

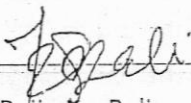
17. The rates of fee payable for admission to the examination of the 4 year Bachelor of Engineering course and rates of the remuneration for the various assignments shall be such as may be prescribed by the University, from time to time.

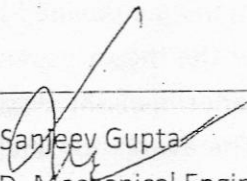
#### 18. AUTHORITY TO INTERPRET STATUTES

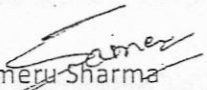
With a view to remove any difficulty or anomaly arising out of the application and implementation of these statutes, the Vice-Chancellor shall be competent to give authoritative interpretation of these statutes and his interpretation shall be final and binding of all the concerned.

  
Dr. Simmi Dutta  
HOD, Computer Engineering  
GCET, Jammu

  
Dr. S.K. Gupta  
HOD, Civil Engineering  
GCET, Jammu

  
Er. Rajiv Kr. Bali  
HOD, Electrical Engineering  
GCET, Jammu

  
Er. Sanjeev Gupta  
HOD, Mechanical Engineering  
GCET, Jammu

  
Dr. Sameru Sharma  
Convenor Board of Studies  
Dean Faculty of Engineering,  
& Principal,  
GCET, Jammu

## APPENDIX

### ACADEMIC CALENDAR FOR ENGINEERING COURSES

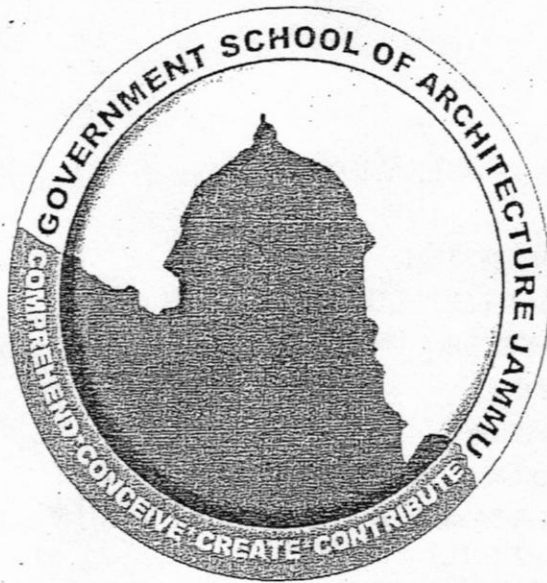
1. Admission/Registration Process (Odd Sem)	July/August
2. Opening of institute after Summer Vacations	1 <sup>st</sup> August
3. Class work of 1 <sup>st</sup> , 3 <sup>rd</sup> , 5 <sup>th</sup> & 7 <sup>th</sup> Semesters	August - December
a) Holding of Two Sessional Tests and Two Assignments during complete Semester	
b) Compilation of Sessional records	
4. One Week Preparation break for all Semesters	December
5. Winter Break	26 <sup>th</sup> December - 4 <sup>th</sup> January
6. Semester Examination	
a) Regular 1 <sup>st</sup> , 3 <sup>rd</sup> , 5 <sup>th</sup> & 7 <sup>th</sup>	December - January
b) Supplementary	December - January
7. Class work for 2 <sup>nd</sup> , 4 <sup>th</sup> , 6 <sup>th</sup> & 8 <sup>th</sup> Semesters	January - May
a) Holding of Two Sessional Test and Two Assignments during complete Semesters	
b) Compilation of Sessional records	
8. One Week Preparation break for all Semesters	Last Week of May
9. Semester Examination	
a) Regular 2 <sup>nd</sup> , 4 <sup>th</sup> , 6 <sup>th</sup> , 8 <sup>th</sup>	May - June
b) Supplementary	June - July
10. Summer Break	16 <sup>th</sup> June - 31 <sup>st</sup> July
11. Industrial Training (6 <sup>th</sup> Semester)	16 <sup>th</sup> June - 31 <sup>st</sup> July

**Note:** The above Calendar is proposed for 3<sup>rd</sup> Semester onwards. The Calendar for the 1<sup>st</sup> & 2<sup>nd</sup> semester is subject to completion of the admission process by BOPEE. In case 1<sup>st</sup> & 2<sup>nd</sup> semester students, the loss in time due to delay in admission is proposed to be compensated through curtailing summer /winter vacation for these students.

#### Calendar for other Events

1. Induction Programme for 1 <sup>st</sup> Semester	Third Week of August (Three Weeks)
2. Celebration of Engineer's Day	15 <sup>th</sup> September
3. Cultural/Sports Week	October - November
4. National Education Day	11 <sup>th</sup> November
5. Energy Conservation Day	14 <sup>th</sup> December
6. National Science Day	28 <sup>th</sup> February
7. Yoga Day	21 <sup>st</sup> June





# **SCHOOL OF ARCHITECTURE** **JAMMU**

## **ORDINANCE - I** **(RULES OF EXAMINATION)** **( 2018 ONWARDS )**

**FOR**  
**BACHELOR OF ARCHITECTURE**

**(Five-Year Full Time Degree Program)**

**FOR NON-CBCS AND CBCS COURSES.**

*[Handwritten signatures and initials]*





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## 1. INTRODUCTION

- 1.1. These rules govern the various academic programs of the School of Architecture, Jammu, in respect of the conduct of examinations, evaluation and promotion of students leading to the award of the following degree(s):
  - 1.1.1. 5-Year (10 semesters) undergraduate program in Architecture leading to the award of the Bachelor of Architecture (B.Arch.) Degree.
- 1.2. These rules will come into force from year 2017-18. They will apply to all students admitted to any of the afore-mentioned programs, in the academic year 2017-18 or later, as amended from time to time.


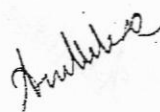
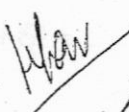

## 2. DEFINITIONS

In these Rules, the terms used shall have the following definitions:

- 2.1. 'School' shall mean the School of Architecture, Jammu.
- 2.2. 'Principal' shall mean the Principal of the School of Architecture, Jammu.
- 2.3. 'University' shall mean the University granting affiliation to the School of Architecture, Jammu.
- 2.4. 'Dean' shall mean the faculty member/ officer-in-charge designated by the University as the Dean (Academic) of the School of Architecture, Jammu.
- 2.5. 'Registrar' shall mean the faculty member/ officer-in-charge designated by the University as the Registrar of the School of Architecture, Jammu.
- 2.6. 'Controller of Examinations' (CoE) shall mean the faculty member/ officer-in-charge designated by the University for the Conduct of Examinations of the School of Architecture, Jammu.
- 2.7. 'Deputy Controller of Examinations' shall mean the faculty member/ officer-in-charge designated by the University to assist the Controller of Examinations.
- 2.8. 'Superintendent of Examinations' shall mean the faculty member/ officer-in-charge designated by the University for supervising the operations of Theory Examinations of School of Architecture, Jammu.
- 2.9. 'Deputy Superintendent of Examinations' shall mean the faculty member/ officer-in-charge designated by the University to assist the Superintendent of Examinations.
- 2.10. 'Head of the Department' (HoD) shall mean the Head of any of the Departments of Studies of the School of Architecture, Jammu.
- 2.11. 'Department' shall mean a Department of Studies of the School of Architecture, Jammu.
- 2.12. 'Faculty' shall mean a member of the faculty of the School of Architecture, Jammu (including Visiting Professor, Visiting Faculty, Contract Faculty, and Adjunct Faculty).
- 2.13. 'Course Coordinator' shall mean the faculty member in-charge of the conduct of the course of any particular subject.
- 2.14. 'Regular Student' shall mean a student who is required to pursue the prescribed course of study for a particular examination, according to the Rules of Examinations, after his registration for the semester and payment of prescribed academic fees, including examination fee.



- 2.15. 'Casual Student' shall mean a student who is not a regular student of the School but is permitted to attend a particular course or courses under credit transfer or on request from other institutes/ universities subject to approval of competent authority.
- 2.16. 'Reappearing Student' shall mean a student who is reappearing in the Internal Assessment (IA) and/or External Examination of a particular course or courses from previous semester(s) for passing the course or improvement of grades.
- 2.17. 'Repeating Student' shall mean a student who is detained and is repeating a particular course or courses from previous semester(s).
- 2.18. 'He' shall mean he/she.
- 2.19. 'His' shall mean his/her.
- 2.20. 'Semester' shall mean a semester as notified in the academic calendar of the School, viz., Odd Semester (July to December) or Even Semester (January to May).
- 2.21. 'Academic Year' shall mean a year as notified in the academic calendar, corresponding to a session of twelve months from July/ August in any calendar year to June in the next calendar year, including the vacation slots.
- 2.22. 'Attendance' shall mean the record of the physical presence of the student in classes held for a course, to be maintained for each semester separately in an academic year by the concerned Department.
- 2.23. 'Compensatory Attendance' shall mean the attendance granted to a student in lieu of absence from class for any academic or co-curricular or extra-curricular activity with prior permission of competent authority.
- 2.24. 'Curriculum' shall mean the schedule of prescribed courses of study, the modes of instruction, the required periods of study per week and the scheme of examination of an academic program as approved by the competent authority.
- 2.25. 'Syllabus' shall mean the content of a course of study of a course, the time-line for progressive achievement, the modes of testing and the criteria for evaluation of proficiency in a particular course.
- 2.26. 'Subject' shall mean a subject as defined by the academic curriculum. In case of a subject having parts, these parts shall be called courses of the same subject.
- 2.27. 'Course' shall mean the specific part of a subject to be studied in a semester and for which the student shall be evaluated. Each course shall have a unique identity given as per the academic curriculum and listed in the Marks Sheet/ Transcript.
- 2.28. 'Class' shall mean an event of academic interaction between teacher(s) and student(s) for instruction or internal assessment, held at a time and venue to be notified by competent authority. The duration of a class may be of one or more periods.
- 2.29. 'Period' shall mean a period of study of a fixed time interval, nominally of one clock hour or as notified by the competent authority.
- 2.30. 'Studio' shall mean a class for simultaneous application of inputs of multiple courses in a comprehensive planning and/ or design of a project or case study.
- 2.31. 'Lecture' shall mean a class for theoretical inputs for a course.
- 2.32. 'Tutorial' shall mean a class for analytical application of theoretical inputs.
- 2.33. 'Practical' shall mean a class for practical application or demonstration of content of theoretical inputs.

     
22.





- 2.34. 'Internal Assessment (IA)' shall mean the periodic evaluation by the teaching faculty of work done for any course in a Semester and for which the score is given in marks.
- 2.35. 'External Examination (EE)' shall mean an examination for any course by examiners, who may or may not be from the teaching faculty, at the end of a Semester and for which the score is given in marks.
- 2.36. 'Internal Only courses (IO)' shall be those which do not have any External Examination and evaluation consists of Internal Assessment only.
- 2.37. 'Internal External courses (IE)' shall be those which have both Internal Assessment and External Examination.
- 2.38. 'Theory Paper' shall be a written external examination of a prescribed duration.
- 2.39. 'Jury' shall be the visual external examination including presentation of graphics, drawing and report, of the students' work done in a studio course during a semester by a panel of examiners called 'Jury'. It may or may not include any personal interaction i.e. viva-voce, etc. between the Jury and the student being examined.
- 2.40. 'Viva-voce' which shall be an oral external examination by one or more examiners.
- 2.41. 'Zero - Year' shall mean that year in a student's academic record which may not be taken into account for purpose of Time - Bar.
- 2.42. 'Carry - Over' of a course shall mean that a student may carry over the course in which he was awarded grade 'F', to the examination of that course in a subsequent academic year.
- 2.43. 'Provisional Pass Certificate' shall mean the certificate issued by respective Heads of Department to a student after completing all pre-requisites, including passing the final examination of an academic program, after formal declaration of the final results by the CoE.
- 2.44. 'Degree' shall mean the Degree awarded by the University to a student on successful completion of an academic program of the School.
- 2.45. 'Semester Performance Score' (SPS) shall indicate the academic performance of a student in a semester, expressed as the total cumulative Marks Secured in all courses of the semester. This shall apply only in case of Non-CBCS.
- 2.46. 'Cumulative Performance Score' (CPS) shall indicate the cumulative academic performance of a student expressed as the total cumulative Marks Secured in all semesters of the program, i.e. semester I through semester X. This shall apply only in case of Non-CBCS.
- 2.47. 'Semester Grade Point Average' (SGPA) shall indicate the academic performance of a student in a semester, expressed as the ratio of total Points Secured and the Registered Credits for the semester.
- 2.48. 'Cumulative Grade Point Average' (CGPA) shall indicate the cumulative academic performance of a student expressed as the ratio of cumulative Points Secured and the cumulative Earned Credits.
- 2.49. 'Grade Moderation Committee' (GMC) shall mean the committee appointed by the University for moderation of question papers for Theory examinations and moderation of results. In case the committee is appointed by the School of Architecture, Jammu, then it will consist of:

33-  
[Signatures]





**School of Architecture Jammu**  
GCET Campus, Chak Bhalwal, Jammu  
**RULES OF EXAMINATION of B. Arch. Degree Program**

- i. Chairman GMC (as appointed by the Principal from time to time)
  - ii. Head of the Department of the concerned/ coordinating department
  - iii. Controller of Examinations or his nominee
- 2.50. 'Control of Unfair Means Committee' (CUMC) shall mean the committee appointed by the University for adjudicating cases of malpractice or use of unfair means in examinations. In case the committee is appointed by the School of Architecture, Jammu, then it will consist of:
- i. Dean (Academic) as Chairperson
  - ii. Head of the Department of the concerned/ coordinating department
  - iii. Superintendent of Examinations of the concerned/ coordinating department
  - iv. Controller of Examinations
- 2.51. 'Board Of Studies in Architecture' (BOSA) shall mean the committee appointed by the University for proper growth and development of course in Architecture and prepare Syllabus, Course Curriculum, Scheme of Examination in accordance with the Minimum Standards of Architectural Education as prescribed by the Council of Architecture (CoA), New Delhi. In case the committee is appointed by the School of Architecture, Jammu, then it will consist of:
- i. Dean (Academic) as Chairperson
  - ii. Head of the Department of the concerned/ coordinating department
  - iii. Two members from Profession (Practice) of Architecture
  - iv. One member from Profession (Academics) of Architecture
  - v. One member from Profession (Allied Departments)

**3. NAMES OF EXTERNAL EXAMINATIONS**

External Examinations shall be conducted regularly at the end of each semester, i.e. two times in each academic year, and shall have the names as given below:

**Table 1: Examinations of Academic Programs**

Bachelor of Architecture (B. Arch.)	
<b>STAGE ONE</b>	
External Examination for Semester I	
External Examination for Semester II	
External Examination for Semester III	
External Examination for Semester IV	
External Examination for Semester V	
External Examination for Semester VI	
Bachelor of Architecture (B. Arch.)	
<b>STAGE TWO</b>	
External Examination for Semester VII	
External Examination for Semester VIII	
External Examination for Semester IX	
External Examination for Semester X	

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#### 4. CREDIT SYSTEM

- 4.1. All batches except for 2017 Entry Batch and 2018 Entry Batch shall follow the Choice Based Credit System (CBCS).
- 4.2. Under the CBCS, each course is assigned certain credits, as provided in the syllabus and Scheme of Examination of the concerned subject of study.
- 4.3. Credits assigned to a course shall be equal to the required hours of study per week, in any mode of instruction. While calculating credits the following guide lines shall be adopted:
- (i) 1 lecture period/ hour shall have 1 credit;
  - (ii) 2 lab/ workshop/ studio exercises/ seminar periods/ hours shall have 1 credit and
  - (iii) 1 design studio/ construction studio/ project/ thesis period/ hour shall have 1 credit.
- For Practical training total number of credits shall be specified for one semester only.
- 4.4. A student shall earn the assigned credits upon achieving the minimum grade required for passing a course, i.e. Grade 'D'.
- 4.5. A student shall have to earn the required number of credits from the courses specified to successfully complete an academic program. These shall be classified as **Credit Courses**.
- 4.6. A student shall have the option of studying certain other courses whose credits shall not be counted towards the total credits required for successfully completing an academic program. These shall be classified as **Audit/ Non-Credit Courses**.

#### 5. MARKING & GRADING SYSTEM

- 5.1. At the end of every semester, the sum total of numerical marks obtained by the student in the Internal Assessment and External Examination of a course shall be converted to Letter Grades and Grade Points as per Absolute Grading Classification as given in the Table 2 and Table 3 below:

Table 2: Conversion of Marks to Letter Grades for Non-CBCS

Percentage of Marks Secured (IA Marks+EE Marks)	Range of Percentage	Letter Grade
Equal to or more than 95%	95 - 100	O (Outstanding)
Equal to or more than 90% but less than 95%	90 - 94.99	E (Excellent)
Equal to or more than 75% but less than 90%	75 - 89.99	V (Very Good)
Equal to or more than 60% but less than 75%	60 - 74.99	G (Good)
Equal to or more than 55% but less than 60%	55 - 59.99	F (Fair)
Equal to or more than 50% but less than 55%	50 - 54.99	S (Satisfactory)
Less than 50%	0 - 44.99	X (Fail)

*Handwritten signatures and initials:*  
Sap, Anil, Hla, and a circled stamp.



Percentage of Marks Secured (IA Marks+EE Marks)	Range of Percentage	Letter Grade
No marks awarded for incomplete work (for Architectural Design Thesis I/ Architectural Design Thesis II only)		I (Incomplete)
Withdrawn from a registered course and not examined		W
Audit/ Non-Credit Course Passed		A/NC P
Audit/ Non-Credit Course Failed		A/NC F

Table 3: Conversion of Marks to Letter Grades and Grade Points for CBCS

Percentage of Marks Secured (IA Marks+EE Marks)	Range of Percentage	Letter Grade	Grade Points
Equal to or more than 90%	90 - 100	O (Outstanding)	10
Equal to or more than 80% but less than 90%	80 - 89.99	A+ (Excellent)	9
Equal to or more than 70% but less than 80%	70 - 79.99	A (Very Good)	8
Equal to or more than 60% but less than 70%	60 - 69.99	B+ (Good)	7
Equal to or more than 55% but less than 60%	55 - 59.99	B (Above Average)	6
Equal to or more than 50% but less than 55%	50 - 54.99	C (Average)	5
Equal to or more than 45% but less than 50%	45 - 49.99	D (Pass)	4
Less than 45%	0 - 44.99	F (Fail)	0
No marks awarded for incomplete work (for Architectural Design Thesis I/ Architectural Design Thesis II only)		I (Incomplete)	0
Withdrawn from a registered course and not examined		W	0
Audit/ Non-Credit Course Passed		A/NC P	0
Audit/ Non-Credit Course Failed		A/NC F	0

5.2. In case of CBCS, the SGPA, CGPA shall be calculated as follows:

- (i) In any course in a semester, the Grade Points awarded shall be multiplied by the Credits assigned to obtain the Points Secured (PS) for that course. The sum total of Points Secured (PS) in all courses divided by the total registered credits for that semester shall be the SGPA.

$$SGPA = \frac{\text{Total Points Secured in a Semester}}{\text{Registered Credits for the Semester}}$$

- (ii) The cumulative total of Points Secured (PS) in all subjects in all foregoing semesters divided by the cumulative total of credits earned shall be the CGPA.

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[Signatures]





$$CGPA = \frac{\text{Cumulative Points Secured}}{\text{Cumulative Earned Credits}}$$

5.3. Illustrations of SGPA and CGPA computation for semester I and II are given in Annexure A.

6. **REGISTRATION/ EXAMINATION FORM AND FEE REQUIREMENT**

A student shall be required to submit the registration record to the University upon admission. The student shall be eligible to appear in the external examination only if he has filled and submitted the examination form and paid all the fees including examination fees, if any, as prescribed by the School and/or the University.

7. **MINIMUM ATTENDANCE REQUIREMENT**

- 7.1. A minimum attendance of seventy five percent (75%) is mandatory in all courses in each semester. Attendance shall be calculated as the percentage of classes attended by the student out of classes held by the Faculty in a particular course, in a semester.
- 7.2. A student shall have attended at least seventy-five percent (75%) of the total classes held in a course, including lectures, tutorials, studio, laboratories, field works, etc. during the semester to be eligible to appear in the external examination of that course at the end of a semester.
- 7.3. A Reappearing Student shall maintain the minimum attendance in all courses except for courses in which he is reappearing.
- 7.4. A student having less than seventy-five percent (75%) minimum attendance in any course in a semester shall not be allowed to appear in the external examination of that course at the end of a semester.
- 7.5. The Principal shall be competent to condone the shortage of attendance, if any, on genuine grounds up to fifteen percent (15%) of the total classes held in each course.
- 7.6. A student seeking condonation of attendance shall forward an application in the prescribed format (included in Annexure B), duly recommended by the HoD, to the Principal for approval.
- 7.7. Attendance shall be marked on a periodic basis e.g. a Studio of three periods shall carry three attendances and shall be marked thrice during the class and a Lecture of two periods shall have two attendances and shall be marked twice during the class.
- 7.8. A student present in the class shall be marked 'P'. A student absent from class shall be marked 'A'. A student on any personal or medical leave will also be marked 'A'.
- 7.9. A student absent from class due to any academic or co-curricular or extra-curricular activity, as defined below in Section 7.10, with the prior permission of the competent authority and information to the concerned Course Coordinator shall be marked 'C' and shall be entitled to Compensatory attendance equivalent to the periods not attended, for the purpose of final computation of aggregate attendance, up to a maximum of ten percent (10%) of total classes held in the course.
- 7.10. Any student who participates in games, cultural and other co-curricular & extra-curricular activities as defined below shall be eligible for compensatory attendance.





- (i) State/ UT Representation in International/ All India Competitions organized by agencies which are recognized by the Board of Sports and Youth Welfare.
  - (ii) Participation in the Inter-university Competitions held under the auspices of a University or any other recognized Institution as a member of the University team.
  - (iii) Participation in the Inter-College Competitions organized by the University as a member of the Team of Participating Institution.
  - (iv) Participation in the N.C.C., N.S.S. and National Integration Samiti activities as a member of recognized Institutions.
  - (v) Participation in the Coaching Camps/ Rehearsals prior to participation as a member of State/ UT or University Team in the National/ All India/ Inter-University Competitions.
  - (vi) Participation in the Mountaineering/ Hiking/ Trekking/ Skiing/ Rock-climbing or other such activities organized under the auspices of the State/ UT Government/ University as a member of the Institution affiliated/ recognized by the University.
  - (vii) Participation in Architecture related recognized activities, like NASA, Zo-NASA, Westminster Trophy, INSDAG, etc. as authorized by the School.
  - (viii) Any other competition/ activity duly approved for participation by the Principal.
- 7.11. A Student shall be entitled to six (6) attendances per day (three (3) for the forenoon and three (3) for afternoon) during Study Tours or Field Trips for related course or courses.
- 7.12. Medical Leaves, Family exigencies and all other instances of leave of absence for any reason whatsoever, except as mentioned in Section 7.9 above shall be included in the twenty-five percent (25%) permissible absence as read with Section 7.2 and 7.4 above, that may be availed by a student. No further relaxation shall be given on medical grounds, family exigencies, etc.
- 7.13. Attendance shall be computed monthly and the same shall be generally made available to the students through notice boards and/ or uploaded on the School's website.
- 7.14. Attendance of fresh students who join the program after the second or subsequent admission lists are published shall be calculated from the date of joining/ registration.
- 7.15. In NO CASE whatsoever, a student shall be allowed to appear in external examination of a course at the end of the semester, if the minimum attendance is less than sixty percent (60%), in that particular course.
8. INTERNAL ASSESSMENT
- 8.1. The performance of a student shall be assessed on a continuous basis in each semester for each subject separately. The Course Coordinator may, in consultation with the Head of the Department, adopt any of the methods, viz. studio work, written test, viva-voce, tutorial assignments, seminar, practical, term paper, etc. for assessing



- the performance of students. The method of assessment shall be generally announced by the Course Coordinator at the beginning of the Semester.
- 8.2. Internal assessment for any course shall be generally based on minimum of three (3) assessments of the students' performance in that course, other than for a studio/practical course or the Thesis for which there shall be generally a minimum of four (4) assessments. Marks awarded for each assessment shall be formally announced by the concerned Course Coordinator from time to time.
- 8.3. Marks of Internal Assessment shall be generally announced and locked at the end of the semester, prior to external examinations and improvement of grades can only be done by re-appearing in the theory examination of a carry-over course, if any. A student should have secured a minimum of Grade 'S' (under Non-CBCS) or Grade 'D' (under CBCS) in all IO (Internal Only) courses held during the semester as there shall be no other possibility of improvement of grades later.
- 8.4. There is no requirement of minimum marks to be obtained in internal assessment for a student to be eligible for appearing in the external examination of any course in the semester.
9. **EXTERNAL EXAMINATION**
- 9.1. External Examination shall be held at the end of a semester by way of a Theory Paper, or by a Jury or by Viva-Voce.
- 9.2. Theory Paper shall be conducted by the University as per their Sections and regulations. The students shall complete all the formal requirements (like filling up of examination form, payment of examination fee, etc.) as prescribed by the University, well in time.
- 9.3. The Jury and/ or Viva-voce shall be conducted by the School.
- 9.4. Examiners for a Theory Paper shall be appointed by the University on recommendation of the Head of the Department and with the approval of the Dean (Academic).
- 9.5. Any Examiner appointed for external examination by way of Theory Paper or Jury or Viva-voce shall have a minimum of five (5) years teaching/ professional experience in a field of study relating to the course of examination. However, any examiner appointed for external examination by way of a Jury for Architectural Design Thesis I/ Architectural Design Thesis II shall have a minimum of ten (10) years teaching/ professional experience.
- 9.6. The rate of remuneration of the appointed examiners for Theory Paper or Jury or Viva-voce shall be at par with the relevant industry standards, as approved by the Principal or University.
- 9.7. Examiners for a Viva-voce examination shall be appointed by the Principal on recommendation of the Head of the Department and with the approval of the Dean
- 9.8. The Jury for Studio Courses, except the jury for Architectural Design Thesis I/ Architectural Design Thesis II shall generally consist of the following three (3) members,



- (i) Two External Members, who shall be external examiners, appointed by the Principal on recommendation by the Head of the Department and with approval of the Dean
  - (ii) One Internal Member, namely the Course Coordinator.
- 9.9. **The Jury for Architectural Design Thesis I/ Architectural Design Thesis II** shall generally consist of the following four (4) members (for approx. 40 students),
  - (i) Two External Members, who shall be external examiners, appointed by the Principal on recommendation by the Head of the Department and with approval of the Dean
  - (ii) Two Internal Members, namely,
    - a) Head of the Department or his nominee or Architectural Design Thesis I/ Architectural Design Thesis II Coordinator
    - b) Architectural Design Thesis I/ Architectural Design Thesis II Guide.
- 9.10. **The Architectural Design Thesis I/ Architectural Design Thesis II Guide** shall be an examiner only for the student(s) under his guidance. Marks given by the respective Architectural Design Thesis I/ Architectural Design Thesis II guides will be counted for computing the average marks for their students. However, the final award sheet of all the students of that class shall be signed by the two external examiners and counter signed by the HOD and Architectural Design Thesis I/ Architectural Design Thesis II Coordinator.
10. **MINIMUM GRADE FOR PASSING A COURSE**
- 10.1. In case of Non-CBCS, a minimum of Grade 'S' is required to pass the course on the basis of Internal Assessment and/or External Examination as the case may be for IO and IE courses respectively, whether it is a Theory paper or Jury or Viva-Voce. A student not passing a course shall be awarded Grade 'X' and declared fail in that course. For awarding of Letter Grades, please refer to Table 2.
- 10.2. In case of CBCS, a minimum of Grade 'D' is required to pass the course and to earn the credits on the basis of Internal Assessment and/or External Examination as the case may be for IO and IE courses respectively, whether it is a Theory paper or Jury or Viva-Voce. A student not passing a course shall be awarded Grade 'F' and declared fail in that course. For awarding of Letter Grades and Grade Points, please refer to Table 3.
11. **MINIMUM MARKS FOR PASSING INTERNAL ASSESSMENT/ EXTERNAL EXAMINATION OF A COURSE**
- 11.1. Under Non-CBCS, a student shall have to score a minimum of Fifty Percent (50%) of marks in each course of a semester in Internal Assessment and/or External Examination, whether it is a Theory paper or Jury or Viva-Voce.
- 11.2. Under Non-CBCS, a student scoring less than fifty percent (50%) of marks in a course of a semester in Internal Assessment and/or External Examination shall be declared fail in that course.





- 11.3. Under CBCS, a student shall have to score a minimum of Forty Five Percent (45%) of marks in each course of a semester in Internal Assessment and/or External Examination, whether it is a Theory paper or Jury or Viva-Voce.
- 11.4. Under CBCS, a student scoring less than forty five percent (45%) of marks in a course of a semester in Internal Assessment and/or External Examination shall be declared fail in that course.
- 12. FAILURE IN INTERNAL ASSESSMENT**
- 12.1. A student who is declared fail in the Internal Assessment of any course in a semester shall have to re-appear only in the Internal Assessment of that particular course, in the subsequent academic year.
- 12.2. A Re-appearing Student shall co-ordinate with the concerned Course Coordinator/ Faculty for classwork, notes, assignments, exam dates, input sessions, etc.
- 13. FAILURE IN EXTERNAL EXAMINATION**
- 13.1. A student who is declared fail in the External Examination of any course, except studio courses, in a semester shall have to re-appear only in the External Examination of that particular course, in the subsequent academic year.
- 13.2. A Re-appearing Student shall co-ordinate with the concerned Course Coordinator/ Faculty for classwork, notes, assignments, exam dates, input sessions, etc.
- 14. FAILURE IN EXTERNAL EXAMINATION OF STUDIO COURSES**
- 14.1. A student, who is declared fail in Jury (external examination) of any studio course, other than Architectural Design Thesis I / Architectural Design Thesis II, shall not be promoted to the next higher semester/ year even if he fulfills all other conditions of promotion to the next higher semester/ year as per Section 16.2 and Section 17.2. There shall be no carry-over after failing a Jury Examination. The student shall repeat the studio course along with the regular students in a subsequent academic year.
- 14.2. A Student repeating a studio course shall have the choice to repeat any or all of the other courses during the same time in order to improve the grades obtained, if desired, or retain the grades of courses already passed. The student shall exercise this choice at the time of registration for the semester.
- 15. FAILURE IN EXTERNAL EXAMINATION OF ARCHITECTURAL DESIGN THESIS I/ ARCHITECTURAL DESIGN THESIS II**
- 15.1. A student who is declared fail in Jury (external examination) of Architectural Design Thesis I/ Architectural Design Thesis II, shall have to repeat the Architectural Design Thesis I/ Architectural Design Thesis II, on the same topic or a new topic, in a subsequent academic year along with regular students.
- 15.2. A Student repeating the Architectural Design Thesis I/ Architectural Design Thesis II shall have the choice to repeat any or all of the other courses during the same time in order to improve the grades obtained, if desired, or retain the grades of courses already





- passed. The student shall exercise this choice at the time of registration for the semester.
- 15.3. A student shall be awarded a Grade 'I' for incomplete work only if he applies for it and he shall be generally allowed to appear for an Improvement Examination not later than three months from date of the first examination. Upon successful completion, the student shall be awarded a passing grade not higher than Grade 'F' (under Non-CBCS) or Grade 'C' (under CBCS).
- 15.4. A student seeking Grade 'I' for incomplete work shall have to submit the application on a prescribed format (included in Annexure C) to the HoD for recommendation and forwarding to the Principal for approval.

## 16. PROMOTION TO NEXT SEMESTER

- 16.1. Promotion to next higher semester shall happen only if the student fulfills the pre-requisites for promotion as given below:

### STAGE ONE

- (i). From Semester I to Semester II  
Pre-requisite for promotion under Non-CBCS:  
a) Passing with minimum Grade 'S' in all studio courses of Semester I  
Pre-requisite for promotion under CBCS:  
a) Passing with minimum Grade 'D' in all studio courses of Semester I
- (ii). From Semester III to Semester IV  
Pre-requisite for promotion under Non-CBCS:  
a) Passing with minimum Grade 'S' in all studio courses of Semester III  
Pre-requisite for promotion under CBCS:  
a) Passing with minimum Grade 'D' in all studio courses of Semester III
- (iii). From Semester V to Semester VI  
Pre-requisite for promotion under Non-CBCS:  
a) Passing with minimum Grade 'S' in all studio courses of Semester V  
b) Passing at least Fifty percent (50%) of the total number of non-studio courses, rounded off to nearest whole number, in Semester IV  
c) No Carry-over course or courses from Semester II  
Pre-requisite for promotion under CBCS:  
a) Passing with minimum Grade 'D' in all studio courses of Semester V  
b) Passing at least Fifty percent (50%) of the total number of non-studio courses, rounded off to nearest whole number, in Semester IV  
c) No Carry-over course or courses from Semester II

### STAGE TWO

- (i). From Semester VII to Semester VIII  
Pre-requisite for promotion under Non-CBCS:  
a) Passing with minimum Grade 'S' in all studio courses of Semester VII  
b) Passing at least Fifty percent (50%) of the total number of non-studio courses, rounded off to nearest whole number, in Semester VI  
c) No Carry-over course or courses from Semester IV



Pre-requisite for promotion under CBCS:

- a) Passing with minimum Grade 'D' in all studio courses of Semester VII
  - b) Passing at least Fifty percent (50%) of the total number of non-studio courses, rounded off to nearest whole number, in Semester VI
  - c) No Carry-over course or courses from Semester IV
- (ii) From Semester IX to Semester X

Pre-requisite for promotion under Non-CBCS:

- a) Passing with minimum Grade 'S' in all studio courses of Semester IX
- b) Passing at least Fifty percent (50%) of the total number of non-studio courses, rounded off to nearest whole number, in Semester VIII
- c) No Carry-over course or courses from Semester VI

Pre-requisite for promotion under CBCS:

- a) Passing with minimum Grade 'D' in all studio courses of Semester IX
- b) Passing at least Fifty percent (50%) of the total number of non-studio courses, rounded off to nearest whole number, in Semester VIII
- c) No Carry-over course or courses from Semester VI

- 16.2. A student not getting promoted to next higher semester shall be detained and shall have to repeat those courses in which he got an 'X' grade (under Non-CBCS)/ 'F' grade (under CBCS) in the same semester in a subsequent academic year.
- 16.3. However, students thus detained shall have a choice to repeat any or all of the other courses during the same time in order to improve the grades awarded, if desired, or retain the grades of courses already passed. Students shall exercise this choice at the time of registration in the semester.

17. **PROMOTION TO NEXT YEAR**

- 17.1. Promotion to next higher year shall happen only if the student fulfills the pre-requisites for promotion as given below:

**STAGE ONE**

- (i) From Year I to Year II (Semester II to Semester III)

Pre-requisite for promotion under Non-CBCS:

- a) Passing with minimum Grade 'S' in all studio courses of Semester II

Pre-requisite for promotion under CBCS:

- a) Passing with minimum Grade 'D' in all studio courses of Semester II

- (ii) From Year II to Year III (Semester IV to Semester V)

Pre-requisite for promotion under Non-CBCS:

- a) Passing with minimum Grade 'S' in all studio courses of Semester IV
- b) Passing at least Fifty percent (50%) of the total number of non-studio courses, rounded off to nearest whole number, in Semester III
- c) No Carry-over course or courses from Semester I

Pre-requisite for promotion under CBCS:

- a) Passing with minimum Grade 'D' in all studio courses of Semester IV
- b) Passing at least Fifty percent (50%) of the total number of non-studio courses, rounded off to nearest whole number, in Semester III
- c) No Carry-over course or courses from Semester I



(iii) From Year III to Year IV (Semester VI to Semester VII)

Pre-requisite for promotion under Non-CBCS:

- a) Passing with minimum Grade 'S' in all studio courses of Semester VI
- b) Passing at least Fifty percent (50%) of the total number of non-studio courses, rounded off to nearest whole number, in Semester V
- c) No Carry-over course or courses from Semester III

Pre-requisite for promotion under CBCS:

- a) Passing with minimum Grade 'D' in all studio courses of Semester VI
- b) Passing at least Fifty percent (50%) of the total number of non-studio courses, rounded off to nearest whole number, in Semester V
- c) No Carry-over course or courses from Semester III

**STAGE TWO**

(i) From Year IV to Year V (Semester VIII to Semester IX)

Pre-requisite for promotion under Non-CBCS:

- a) Successful completion of Training and passing with minimum Grade 'S' in Semester VIII
- b) Passing at least Fifty percent (50%) of the total number of non-studio courses, rounded off to nearest whole number, in Semester VII
- c) No Carry-over course or courses from Semester V

Pre-requisite for promotion under CBCS:

- a) Successful completion of Training and passing with minimum Grade 'D' in Semester VIII
- b) Passing at least Fifty percent (50%) of the total number of non-studio courses, rounded off to nearest whole number, in Semester VII
- c) No Carry-over course or courses from Semester V

17.2. A student not getting promoted to next higher year shall be detained and shall have to repeat those courses in which he got an 'X' grade (under Non-CBCS)/ 'F' grade (under CBCS) in the same semester in a subsequent academic year.

17.3. However, students thus detained shall have a choice to repeat any or all of the other courses during the same time in order to improve the grades awarded, if desired, or retain the grades of courses already passed. Students shall exercise this choice at the time of registration in the semester.

**18. CARRY - OVER**

18.1. Carry-over shall be permitted only for IE courses having a theory paper/ viva-voce. There shall be no carry-over of an IO course or a course having a Jury examination and their respective grades shall be final.

18.2. A student promoted to the next semester/year, shall be permitted to carry-over a course or courses, in which he was awarded an 'X' grade (under Non-CBCS)/ 'F' grade (under CBCS), into subsequent academic year, in order to re-appear in the internal assessment and/or external examination of that course when it is held in a subsequent academic year.

18.3. Marks of Internal Assessment of a course shall remain intact for carry-over if the student is re-appearing in the external examination only.

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- 18.4. Marks of External Examination of a course shall remain intact for carry-over if the student is re-appearing in the internal assessment only.
- 18.5. A student obtaining higher marks in the carry-over course shall be awarded the corresponding higher grade but not higher than grade 'F' (under Non-CBCS) or grade 'C' (under CBCS).

19. **STUDENT EXCHANGE & CREDIT TRANSFER**

- 19.1. A semester and accordingly its credits/ marks/ grades can be exchanged with the institute/ university with whom a MoU has been signed to that effect, or if approved by the competent authority.
- 19.2. A student enrolled in any department of the School undergoing an exchange program elsewhere can earn credits/ marks/ grades equivalent to exchanged semester's credits/ marks/ grades in the host institute. Equivalent courses will be approved by the Advisory Committee of the department.
- 19.3. Students may enroll as casual students in any department of the School with the permission of the Principal on the recommendation of the respective Head of Department, and approval of the Dean (Academic). Casual students shall pay the fee/ or waived off as per MoU, as decided by the competent authority.
- 19.4. At any time the maximum number of students in any department permitted to be exchanged, outgoing and incoming, shall be as approved by the Principal, from time to time.

20. **DETENTION**

- 20.1. A student may not be promoted to the next semester/ year and shall be detained to repeat any or all courses of a semester due to any one or more of the following reasons:
- Shortage of the attendance to qualify for appearance in external examination of a course or courses
  - Failure in an external examination of a Studio course (Jury) by award of grade 'X' (under Non-CBCS) or grade 'F' (under CBCS) by the jury
  - Failure in more than Fifty percent (50%) of the total number of Non-Studio courses of a semester
  - Carry-over course or courses from previous semesters that are not allowed
  - Disciplinary action for malpractice or using unfair means in an examination
- 20.2. However, students thus detained shall have a choice to repeat any or all of the other courses during the same time in order to improve the grades awarded, if desired, or retain the grades of courses already passed. Students shall exercise this choice at the time of registration in the semester.

21. **ZERO - YEAR**

- 21.1. A student who is unable to pursue studies during a semester or appear in an External Examination due to unforeseen/ extraordinary circumstances viz. prolonged illness or accident, death or critical illness or severe injury of immediate family members or natural disasters etc., beyond the control of the student, may request for Zero - Year.

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- 21.2. Zero-Year will be granted on the clear recommendation of HOD and approved by a Committee constituted by the Principal.
- 21.3. Zero-Year will not be counted as a year for the purpose of Time Bar and will not affect the eligibility of students for any scholarships or awards including award of degree classification.
- 21.4. Zero-Year may be availed not more than twice in the duration of the program by undergraduate students.
- 21.5. A student, having availed of the Zero-Year, shall repeat the full semester not completed due to the unforeseen/ extraordinary circumstances in the next academic year. All other conditions such as registration for the semesters, fees, attendance and evaluation in all the courses shall be the same as for a regular student.

## 22. TIME BAR

- 22.1. Students of B. Arch shall be required to pass
- (a) STAGE ONE (Semester I to Semester VI) within Five (5) academic years from the semester of admission (including zero year, if any), as per COA norms, as may be amended from time to time.
- (b) STAGE TWO (Semester VII to Semester X) within Eight (8) academic years from the semester of admission (including zero year, if any), as per COA norms, as may be amended from time to time.
- 22.2. Students who do not pass the examinations within these prescribed time limits shall cease to be the student of B.Arch. and such students shall leave the program permanently and shall not be allowed to re-join, except with the provisions of Zero Year, as prescribed in sections 21.1 to 21.5.

## 23. DECLARATION OF MARKS

- 23.1. Marks of all Internal Assessments shall be generally declared by the Head of Department at least one week before the start of theory paper examinations to be held at the end of a semester, except for courses having jury/ viva-voce examination. Dean shall notify the due date for such declarations well in advance.
- 23.2. Marks of Architectural Design Thesis I/ Architectural Design Thesis II Jury shall be generally declared by the Head of Department immediately after the jury. Final Marks and Grades will be declared later only after the moderation of results.

## 24. MODERATION OF MARKS & GRADES

- 24.1. Moderation shall be left to the discretion of the Grade Moderation Committee (GMC). A student cannot seek moderation of grades as a matter of right. The recommendations of the GMC will be forwarded to the Dean (Academic) whose decision shall be final and binding.
- 24.2. If more than or equal to 25% of students (rounded-off to the nearest whole number) get less than 45% marks (50% marks in case of Non-CBCS) in the evaluation of any course, passing marks may be reduced to 40% (45% in case of Non-CBCS) and the percentage marks interval of Grade 'D' shall be 40 – 54.99 (in case of Non-CBCS, the percentage marks interval of Grade 'S' shall be 45 – 54.99).

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- A signature that looks like "Ankur"  
- The number "46"  
- A signature that looks like "Haw"  
- A circled "D"



- 24.3. GMC shall have the power to moderate the marks by up to 5% of the total marks of a course, up to a maximum of two courses, but only to enable a student to achieve the minimum grade to pass. Marks of other students for the same evaluation shall not be moderated. This provision shall not apply to any course with a jury examination.
- 24.4. Under Non-CBCS, a CPS between 49% and 50% can be moderated to 50% on recommendation of Grade Moderation Committee.
- 24.5. Under CBCS, a CGPA between 4.9 and 5.0 can be moderated to 5.0 on recommendation of Grade Moderation Committee.

## 25. DECLARATION OF RESULTS

- 25.1. Result of examinations of any semester shall be generally declared by the University before the commencement of registration of the next semester. In any case declaration of results shall not be later than eight weeks after the last day of theory examinations, except in case of emergency and/or any other circumstance beyond human control and/or force majeure.
- 25.2. If the declaration of result of examinations of any semester is delayed beyond the prescribed timeline for whatsoever reason, the student(s) may be promoted to the next higher semester/ year 'provisionally'. This provisional promotion shall be at the sole responsibility of the student. After the declaration of results, the promotion rules as prescribed in sections 16 and 17 shall apply and any provisional promotion whatsoever shall stand cancelled.
- 25.3. The Marks Sheet/ Grade Sheet/ Transcripts shall be issued by the University and made available to students generally within thirty (30) days from the declaration of results of a particular semester,
- 25.4. The Degree Certificate shall be issued by the University.

## 26. RE – EVALUATION & RE – TALLING OF MARKS

There shall be no re-evaluation of answer sheets. However, re-totalling can be done, on request of the candidate, on payment of fees prescribed from time to time, as per the University Rules.

## 27. REQUIREMENT FOR AWARD OF DEGREE

- 27.1. Under Non-CBCS, a student should have secured a minimum Cumulative Performance Score (CPS) of 50% and passed all the courses with no carry-overs to be eligible for award of Degree.
- 27.2. Under CBCS, a student should have secured a minimum Cumulative Grade Point Average (CGPA) of 5.0, along with the required earned credits as per academic program scheme.
- 27.3. The student should have cleared all the pre-requisites, including payment of fees, obtaining of 'No Dues' from all concerned departments/ sections of the school, etc.

## 28. CLASSIFICATION OF DEGREE

There shall be no classification of results of the semester examinations. The result will be classified only at the end of an academic program, as follows:

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Under Non-CBCS

- i. Students obtaining CPS between 50% and 59.99% shall be awarded Second Class.
- ii. Students obtaining CPS between 60% and 74.99% shall be awarded First Class.
- iii. Students obtaining CPS between 75% and 84.99% shall be awarded First Class with Distinction.
- iv. Students obtaining CPS of 85% and above shall be awarded First Class with Honors.

Under CBCS

- i. Students obtaining CGPA between 5.0 and 5.99 shall be awarded Second Class.
- ii. Students obtaining CGPA between 6.0 and 7.49 shall be awarded First Class.
- iii. Students obtaining CGPA between 7.5 and 8.49 shall be awarded First Class with Distinction.
- iv. Students obtaining CGPA of 8.5 and above shall be awarded First Class with Honors.

29. **MALPRACTICES AND USE OF UNFAIR MEANS**

- 29.1. A student shall not be allowed to appear in a theory examination or jury examination or viva-voce if he is late beyond 30 minutes from the scheduled time and would be awarded a grade 'F' in that course.
- 29.2. Use of unfair means by a student, including breach of discipline, disturbing or disrupting the examination shall be a cause for disciplinary action by the competent authority as recommended by the Control of Unfair Means Committee (CUMC), ranging from:
  - i. Award of grade 'X' (under Non-CBCS) or grade 'F' (under CBCS) in the specific examination where unfair means were used,
  - ii. Award of grade 'X' (under Non-CBCS) or grade 'F' (under CBCS) in all courses of the semester,
  - iii. Debarring from award of any academic medals/ prizes, distinction, honors, etc., and
  - iv. Expulsion for a specified period or rustication from the School.
- 29.3. Any disciplinary action related to the conduct of theory examination shall be based on the report of the Superintendent of Examinations submitted to the Controller of Examinations and forwarded to Control of Unfair Means Committee (CUMC).
- 29.4. Plagiarism in any form is discouraged. Any case of plagiarism, brought to the notice of CUMC will be dealt with in accordance with Section 29.1 to Section 29.5 of these rules. As per the UGC guidelines, only up to **Ten percent (10%)** similarity is acceptable for any document/ report/ thesis/ dissertation, etc. The plagiarism shall be checked through software/ websites like TURNITIN and/or URGUND, etc.
- 29.5. The recommendations of CUMC will be forwarded by the Dean (Academic) to the Principal, whose decision shall be final and binding.





- 29.6. The School reserves the right to withdraw/ cancel or modify the result already declared or recall a Degree already conferred, if any discrepancy or irregularity or use of Unfair Means is established by the School at a later stage.

30. **DISCRETIONARY POWERS OF ACADEMIC ADMINISTRATION**

The Principal may, for reasons to be recorded in writing, relax any provisions of these Rules of Examination on the clear written recommendations of the Head of the Department and Dean (Academic) except the requirement of attendance as stipulated in sections 7.1 to 7.15 of these rules. This will however be subject to the approval of the Board of Studies in Architecture (BOSA).





### ANNEXURE A: SGPA & CGPA (Only in case of CBCS)

#### A.1 CALCULATION OF SGPA

Based on Credits of the course and Grade Awarded, Points Secured is calculated as the product of Earned Credit and Grade Points of that particular course. SGPA is calculated as ratio of Total Points Secured and Registered Credits for the Semester.

Illustration 1 (Bachelor of Architecture):

##### A.1.1 SGPA Calculation for Semester – I

Course Code	Registered Course Credit	Grade Awarded	Earned Credits	Grade Points	Points Secured
AF1011S	5	B	5	6	30
AA1012S	2	C	2	5	10
AA1011L	3	A	3	8	24
AA1012L	3	A+	3	9	27
AA1013L	4	B	4	6	24
AH1014L	3	B+	3	7	21
AE1011P	2	C	2	5	10
<b>TOTAL</b>	<b>22</b>	<b>-</b>	<b>22</b>	<b>-</b>	<b>146</b>

$$SGPA = \frac{\text{Total Points Secured in a Semester}}{\text{Registered Credits for the Semester}} = \frac{146}{22} = 6.63$$

##### A.1.2 SGPA Calculation for Semester – II

Course Code	Registered Course Credit	Grade Awarded	Earned Credits	Grade Points	Points Secured
AF1021S	5	F	0	0	0
AA1022S	2	C	2	5	10
AA1021L	3	A	3	8	24
AA1022L	3	A+	3	9	27
AE1021P	2	F	0	0	0
AA1022P	3	B+	3	7	21
AE1023P	3	C	3	5	15
<b>TOTAL</b>	<b>21</b>	<b>-</b>	<b>14</b>	<b>-</b>	<b>97</b>

$$SGPA = \frac{\text{Total Points Secured in a Semester}}{\text{Registered Credits for the Semester}} = \frac{97}{21} = 4.61$$

#### A.2 CALCULATION OF CGPA

CGPA is calculated as the Cumulative Points Secured and the Cumulative Earned Credits. For CGPA the courses counted are only those in which the student gets passing grades.

Illustration 2 (Bachelor of Architecture):

##### A.2.1 CGPA Calculation for Semester – I and Semester – II

$$CGPA = \frac{\text{Cumulative Points Secured}}{\text{Cumulative Earned Credits}} = \frac{146 + 97}{22 + 14} = 6.75$$



**ANNEXURE B: PRESCRIBED FORMAT FOR APPLYING FOR  
CONDONATION (Only in case of shortage of attendance)**

**B.1 APPLICATION FOR CONDONATION**

Principal  
School of Architecture  
Jammu

Sub: Condonation of attendance

Forwarded through the Head of the Department

Respected Sir/ Madam,

I, (Name of the student), a student of Semester (Semester of study), bearing Roll Number (Roll Number of the student), would like to inform you that I could not attend my classes regularly during the semester because of the following reasons:

1. (Reason of absence from the class)
2. (Reason of absence from the class)

Because of this my attendance is falling short of the mandatory 75%. As on date, my attendance details are as given under:

- |                         |                                  |
|-------------------------|----------------------------------|
| 1. (Name of the course) | (Attained Attendance percentage) |
| 2. (Name of the course) | (Attained Attendance percentage) |
| 3. (Name of the course) | (Attained Attendance percentage) |
| 4. (Name of the course) | (Attained Attendance percentage) |
| 5. (Name of the course) | (Attained Attendance percentage) |

I therefore request you to kindly condone my attendance and I assure you that I will maintain my attendance in future.

Thanking you,

Yours faithfully,

(Signature of the student)  
(Name of the student)  
(Semester of study)  
(Roll Number)

(Signature of the HoD)

BoSA Approval on 20.01.2020

Annexure B



**ANNEXURE C: PRESCRIBED FORMAT FOR APPLYING FOR GRADE 'I'**  
**(Only in case of Incomplete Work in Architectural Design Thesis – I/**  
**Architectural Design Thesis – II)**

**C.1 APPLICATION FOR GRADE 'I'**

Principal  
School of Architecture  
Jammu

**Sub:** Application for Grade 'I'

**Forwarded through the Head of the Department**

Respected Sir/ Madam,

I, (Name of the student), a student of Semester (Semester of study), bearing Roll Number (Roll Number of the student), would like to inform you that I could not complete my work for my Architectural Design Thesis I/ Architectural Design Thesis II, because of the following reasons:

1. (Reason of incomplete work)
2. (Reason of incomplete work)

Because of this I will not be able to appear for the final external examination for the above-mentioned course or courses, as per the dates given under:

1. (Name of the course) (Date of External Examination)
2. (Name of the course) (Date of External Examination)

I therefore request you to kindly allow me to skip the external examination and grant me Grade 'I'. Further I assure you that I will complete my work and appear for the above-mentioned external examination with in next three months, failing which I would be marked with Grade 'X' (under Non-CBCS) or Grade 'F' (under CBCS).

Thanking you,

Yours faithfully,

(Signature of the student)  
(Name of the student)  
(Semester of study)  
(Roll Number)

(Signature of the HoD)

BoSA Approval on 20.01.2020

Annexure C

**STATUTES GOVERNING THE DEGREE OF BACHELOR OF  
ENGINEERING AND TECHNOLOGY (CBS) 2019 onwards**

**A. PREAMBLE**

The Dean Faculty of Engineering, University of Jammu in consultation with the Board of Studies in anticipation of the approval of the Competent Authority has adopted the credit based system for the undergraduate programs offered in the affiliated institutes under the Faculty of Engineering from the ensuing academic session, as per the latest reforms recommended by the AICTE.

The thrust of Credit Based System is on continuous learning and evaluation, inter-disciplinary study, practical exposure and accumulation of course credits. It aims at making the academic programs student oriented, flexible, inter-disciplinary and relevant to the modern technology. Under this system, students will have freedom to select the electives and undertake various MOOC courses, to suit their interest, aptitude and needs. The student is provided abundant opportunity during the program of study to accumulate credits. The aim of the system is to strengthen the academic potential of the student beyond the course curriculum.

**B. TITLE**

These Regulations shall be called "Regulations Governing the Credit Based System for Undergraduate programme in Engineering and Technology" from the academic session 2018-19. In short, it will be referred to as "JU(UIETUG) CBS REGULATIONS".

**C. SCOPE, APPLICATION AND COMMENCEMENT**

The regulations shall apply to all Bachelor of Technology Undergraduate Programmes offered by the University Institute of Engineering & Technology (UIET), a Constituent college of University of Jammu from the academic year 2019-20. The learning and evaluation is on Semester based pattern. Eligibility, qualification and admission procedure is as approved by the Academic Council. Provisions under these regulations hereby supersede all the existing regulations for the regular undergraduate programmes in Engineering offered by the affiliated institutes to the extent prescribed herein.

**1. DURATION**

1.1 There shall be a 4 years Bachelor's Degree Course in Engineering & Technology (hereafter referred to as B.Tech. Degree Course) comprising the following eight academic semesters:-

1. B.Tech. 1<sup>st</sup> Semester
2. B. Tech. 2<sup>nd</sup> Semester
3. B. Tech. 3<sup>rd</sup> Semester
4. B. Tech. 4<sup>th</sup> Semester
5. B. Tech. 5<sup>th</sup> Semester
6. B. Tech. 6<sup>th</sup> Semester
7. B. Tech. 7<sup>th</sup> Semester
8. B. Tech. 8<sup>th</sup> Semester



The maximum time duration to complete the B. Tech. Degree course will be 8 years. If a candidate fails to complete the B. Tech. course within 8 years, his/her registration for B. Tech. course shall stand cancelled.

1.2 The academic Calendar as given in Appendix be adopted in B.Tech. Statutes. The academic year comprising a Capsule of two semesters (odd and even) shall normally commence in the third week of August, each Year.

1.3 The examination for the B. Tech. Degree in Engineering shall be conducted in the following disciplines:-

a) Civil Engineering

b) Computer Science and Engineering

And other disciplines as may be approved by the University from time to time.

## 2. ADMISSION

2.1 Admission to the 1<sup>st</sup> Semester of 4 year B. Tech. Degree Course shall be open to candidates who have passed 12<sup>th</sup> class examination under 10+2 scheme with English, Physics and Chemistry (Science Group) from J&K State Board of School Education or any other examination conducted by a University/ State Board of Secondary Education recognized as equivalent thereto with not less than 50% marks in aggregate in the qualifying examination in respect of open category and 40% marks in aggregate in respect of SC/ST categories. The admission to the B. Tech. programme shall be made as follows

(i) on the basis of JKBOPEE ( 75% of available seats = 45 seats per discipline)

(ii) Through JEE Mains score (25% of available seats =15 seats per discipline)

The reservation criteria as under the rules of University of Jammu will be equally distributed among the above two categories. In case seats remain vacant after consuming all the applications received in either of the above two categories, the same will be available for the other.

2.2 Depending upon the number of vacancies approved by the State Government Authorities from time to time, Diploma Holders with a minimum of 60% marks in the aggregate in any branch of Engineering from any State Board of Technical Education recognized by the All India Council for Technical Education (AICTE) shall also be eligible for admission directly to the 3<sup>rd</sup> semester of the 4-years B. tech. Degree Course based on the Common Entrance Test to be conducted by the University of Jammu under **Lateral Entry Scheme**. The total number of seats under this category shall be 10% of the total sanctioned strength (branch wise) in that year. These seats shall be however, over and above the sanctioned strength. The admission of the eligible candidates under reserved categories in B. Tech. 3<sup>rd</sup> semester through lateral entry scheme to various disciplines of engineering shall be made as per the reservation rules of State Government.

2.3 Admission made by the Institute shall remain provisional till such time the eligibility of the candidates admitted is approved by the university.

2.4 The admission to 1<sup>st</sup> Semester of 4-year B. Tech. Course shall normally be made on or before the 15<sup>th</sup> of August each year and the academic programme of the students shall

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*[Signature]*

commence on 16<sup>th</sup> of August or from the next working day if 16<sup>th</sup> August happens to be a holiday.

2.5 The Vice-Chancellor may in exceptional case, on the recommendation of the Principal permit late admission to a candidate on payment of a late fee as may be prescribed by the University from time to time, within the period of 30 calendar days from the date of examination.

### 3. MINIMUM ATTENDANCE

3.1 Regular examination of each semester shall be open to a candidate who fulfils the statutory conditions and his/her name is recommended by the Principal of the institute to the Controller of Examinations along with the relevant certificates like medical, sports, etc.

3.2 However, the Controller of Examinations or Officer Incharge will issue Roll No./Permission Slip/Admit Card to those candidates Candidates having attended not less than 75% of the total lectures delivered in that semester and she/he has maintained discipline in the institute. Candidates having attendance <75% in maximum of two courses (Theory/ Practical) shall not be allowed to appear for final university examination in that particular course/ courses; if attendance <75% in more than two courses (Theory/ Practical) the candidate shall be detained for that particular year.

### 4. CONDONATION OF ATTENDANCE

4.1 The Principal of the Institute shall be competent to condone shortage on genuine grounds up to 15% of the total number of class attendance in each semester. Student whose attendance falls short by more than 15% or whose deficiency is not condoned by the Principal shall not be permitted to appear in the examination and shall have to enroll herself/himself as a regular student of the Institute in the subsequent year in the semester in which she/he has failed to fulfill the attendance requirement.

#### 4.2 ATTENDANCE IN LIEU OF PARTICIPATION IN GAMES ETC.

Any candidate who participates in games, cultural and other co-curricular activities as defined below with the prior approval of the Principal concerned shall, for the purpose of condoning deficiency in attendance on account of such participation, be treated as present on all the working days during the days of his absence on such account for a period not exceeding 15 working days in a Semester Programme.

- a) State representation in International/All India Competitions organized by agencies which are recognized by the Board of Sports and Youth Welfare.
- b) Participation in the inter-university Competitions held under the auspices of a University or any other recognized Institution as a member of the University team.
- c) Participation in the Inter-Institute Competitions organized by the University as a member of the Team of Participating Institution.
- d) Participation in the N.C.C., N.S.S. and National Integration Samiti activities as a member of recognized Institutions.
- e) Participation in the Coaching Camps/Rehearsals prior to participation as a member of State or University Team in the National/All India/Inter-University Competitions.

f) Participation in the Mountaineering/Hiking/Trekking/ Skiing/Rock-climbing or other such activities organized under the auspices of the State Government/University as a member of the Institution affiliated/recognized by the University.

#### **5. AUTHORITY FOR PRESCRIPTION OF COURSES OF STUDY**

The syllabi and courses of study for each subject shall be approved by the Academic Council on the recommendation of the Dean, Faculty of Engineering.

#### **6. DATES FOR SUBMISSION OF FORMS**

6.1 Candidates shall fill up their examination forms prescribed by the University for seeking permission to sit in an examination within 45 days (for I-Semester) and 30 days (for II to VIII Semesters) from the last date of admission, without late fee, to the semester concerned of the Institute and also pay the requisite examination fees on the dates to be determined by the Principal.

6.2 The forms together with the fees as prescribed by the university from time to time shall be sent to the Controller of Examination by the principal of the institute two months preceding the date of a semester programme. Wherever the examination forms/fees are received after the prescribed last date, the Institute shall be liable to pay a late fee as may be prescribed by the university from time to time per candidate per day.

#### **7. SCHEME OF EXAMINATION**

7.1 The examination for various Semesters consisting of written papers and sessionals shall be held as per the Academic Calendar:

7.2 The medium of instruction as well as examination for the Degree shall be English.

#### **7.3 Holding of Regular/Supplementary Examination**

During the course of one academic year, examination for theory papers for all the semesters i.e 1<sup>st</sup> to 8<sup>th</sup> shall be held twice a year once during December/January for Odd semesters i.e. 1<sup>st</sup>, 3<sup>rd</sup>, 5<sup>th</sup> & 7<sup>th</sup> and second time during May/June for Even semesters i.e. 2<sup>nd</sup>, 4<sup>th</sup>, 6<sup>th</sup>, & 8<sup>th</sup> each year as per academic calendar. These examinations for reappear /backlog shall be held along with the regular examinations. There shall however be special supplementary examinations in B. Tech. for 5<sup>th</sup> to 8<sup>th</sup> Semesters.

#### **8. PASS PERCENTAGE**

8.1 The credit based UG curriculum in Engineering for all B. TECH. courses as per the new AICTE model curriculum has been adopted from the session 2018-19 and onwards. In view of the credit system the evaluation shall be on the basis of Grade and Grade points and shall be finally reflected as semester Grade point average (SGPA) and cumulative Grade point average (CGPA). The CGPA can be converted to equivalent percentage by multiplying CGPA by 10. The minimum marks required to pass in each course examination of any semester shall be 40% (Grade D) in theory examination and sessionals separately; provided that a candidate who appears in all courses of a semester and fails in only one course (theory part only) by not more than 3% of the maximum marks allotted to that course shall be deemed to have passed the examination. Provided that this concession shall not be granted in the

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sessionals and to a candidate who passes the theory courses of examinations of semesters in parts.

8.2 A candidate shall be declared to have failed in a particular course, if his/ her marks in theory, sessionals for that course are less than 40% (Grade E). In that case, the student shall be allowed one or more chance to reappear in the sessionals alongwith the regular students of same semester. His/ Her sessionals will thereafter be communicated to the Controller of Examinations along with the regular students.

8.3 A candidate shall be declared to have failed in a laboratory course, if he/ she secures less than 40% (Grade E) in a particular laboratory course. Such a candidate can clear the backlog only when such a laboratory course examination will be available.

8.4 The evaluation of sessional marks in the theory papers of all the semesters shall be based on the following distribution:

- i) Class Test 40%
- ii) Class Assignments 40%
- iii) Class Attendance 20%

The marks out of 20% for regularity in attendance shall be awarded according to the following Scale:

Attendance	Marks
a) Below 75% of the total number of attendances	Zero
b) From 75% to 85% of the total number of attendances	60%
c) Above 85% to 90% of the total number of attendances	80%
d) Above 90% to 100% of the total number of attendances	100%

Two compulsory class tests shall be held in each course will equal weightage of marks for each class test. However, if a candidate is unable to appear in any of the two tests conducted because of the genuine reasons may be given one more chance by the principal on the request of the candidate.

8.5 The evaluation of sessional marks in the laboratory course shall be based on the following distribution:

- |                                      |     |
|--------------------------------------|-----|
| i) Lab. Work (Continuous assessment) | 50% |
| ii) Viva-Voce test                   | 30% |
| iii) Attendance                      | 20% |

The marks out of 20% for regularity in attendance shall be awarded according to the following Scale:

Attendance	Marks
a) Below 75% of the total number of attendances	Zero



- b) From 75% to 85% of the total number of attendances 60%
- c) Above 85% to 90% of the total number of attendances 80%
- d) Above 90% to 100% of the total number of attendances 100%

8.6 The successful candidate of the B. TECH. Degree under the CBS shall be awarded Grade/ Grade points as per the system of evaluation tabulated below:

Grade	Grade Points	Percentage of Marks Obtained	Remarks
A+	10	85 & Above	Outstanding
A	9	75 < 85	Excellent
B	8	65 < 75	Very Good
C	7	55 < 65	Good
D	6	40 < 55	Average
E	4	Below 40	Fail
AB	0	Absent	Absent

(i) A student obtaining Grade E shall be considered failed and will be required to reappear in the examination as per existing rules of the University under CBS for Under Graduate Courses.

(ii) Grade (D) or percentage of marks (40%) is required to pass in a course, SGPA of 6 to qualify a semester and a minimum CGPA of 6 to qualify for a UG Degree

**Note:** The CGPA can be converted to equivalent percentage by multiplying CGPA by 9.5.

### 8.7 COMPUTATION OF SGPA AND CGPA

The following procedures shall be used to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

- The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student i.e.

$$SGPA (S_i) = \sum (C_i \times G_i) / \sum C_i,$$

Where  $C_i$  = Number of credits of the  $i^{th}$  course

$G_i$  = Grade point scored by the student in the  $i^{th}$  course.

- The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a program, i.e.

$$CGPA = \sum (C_i \times S_i) / \sum C_i$$

where  $S_i$  = SGPA of the  $i^{th}$  semester

$C_i$  = Total number of credits in that semester

- The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcript.

### 9. ISSUANCE OF GRADE CARD

The candidate will be supplied a marks certificate indicating the marks, grade and grade points secured in each subject/ paper immediately after the declaration of result of each semester examination. The university under its seal shall issue to the student a marks certificate on completion of each semester, which shall contain the following information.

- Name of University.
- Title of Undergraduate Programme.
- Semester.
- Name and Registration number of student.
- Course Code, Title and Credits of each course registered in the semester.
- Grade, Grade Point and CGPA/SGPA.

The **OVERALL GRADE CARD** issued at the end of the final semester shall contain the details of all courses taken during the entire programme. Apart from CGPA of the programme, the SGPA grades obtained for all the courses shall be shown in the overall grade card.

#### **10. NON ENTITLEMENT FOR ACADEMIC AWARDS**

Candidates having passed the theory papers in supplementary examination by a repeat performance in any semester examination shall not be eligible for any academic award of Distinction, Prizes and Medals.

#### **11. ENTITLEMENT FOR ACADEMIC AWARDS**

Gold Medals/ Awards etc., shall be awarded by the University each year in accordance with the regulations made there under at the time of Convocation to the candidates securing first position in order of merit of CGPA as per norms of University of Jammu. In case of tie(s) in CGPA the total percentage obtained by the candidate in all the semesters taken together shall decide the award as per merit.

#### **12. APPOINTMENT OF PAPER SETTERS/EXAMINERS**

**12.1** Notwithstanding anything contained in any Statute/ regulations for the time being in force, the paper setter for the theory papers of all semester examinations shall ordinarily be external and Dean/Convener in all the disciplines is authorized to prepare the list of paper setters and evaluators. The evaluation shall ordinarily be conducted through table.

**12.2** The Viva-voce examination in respect of Project/Thesis/Practical training and professional interviews in respect of Engineering branches, wherever applicable, shall be conducted by three examiners viz. the external examiners, the Head of the Department and the Supervisor.

#### **13. PROMOTION FROM ONE SEMESTER TO ANOTHER**

Promotion from one semester to another semester i.e. from 1<sup>st</sup> semester to 2<sup>nd</sup> semester, 2<sup>nd</sup> semester to 3<sup>rd</sup> semester and so on shall be automatic.

Provided that a candidate shall not be allowed to attend classes in the next higher semester unless he/she has appeared in the examination of immediate preceding semester.

**14.** The internal Sessional awards/ Marks shall be forwarded to the controller of examinations within 15 days after the completion of University B. Tech. End semester examinations.

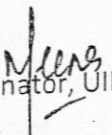
**15.** A candidate who has been enrolled for the B. Tech. Course shall be admitted to the B. Tech. Degree only when she/he has been declared successful in the examinations of all the semesters in accordance with the above Statutes

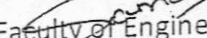
16. The final grade card shall be issued on payment of such a fee as prescribed from time to time to a student who has completed the B. tech. course and has been declared successful in the semester examinations in conformity with above statutes.

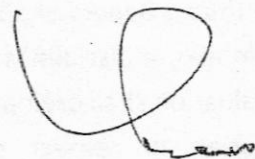
17. The rates of fee payable for admission to the examination of the 4 year Bachelor of Engineering & Technology course and rates of the remuneration for the various assignments shall be such as may be prescribed by the University, from time to time.

**18. AUTHORITY TO INTERPRET STATUTES**

With a view to remove any difficulty or anomaly arising out of the application and implementation of these statutes, the Vice-Chancellor shall be competent to give authoritative interpretation of these statutes and his interpretation shall be final and binding of all the concerned.

  
Coordinator, UIET

  
Dean Faculty of Engineering,  
GCET, Jammu

  
Dean, Academic Affairs,  
University of Jammu

## APPENDIX

### ACADEMIC CALENDAR FOR ENGINEERING COURSES

	From	To
1. Admission/Registration Process (Odd Sem)	July/August	
2. Opening of institute after Summer Vacations	1 <sup>st</sup> August	
3. Class work of 1 <sup>st</sup> , 3 <sup>rd</sup> , 5 <sup>th</sup> & 7 <sup>th</sup> Semesters	August	December
a) Holding of Two Sessional Tests and Two Assignments during complete Semester		
b) Compilation of Sessional records		
4. Study break for all Semesters	December	
5. Winter Break	21 <sup>th</sup> December	4 <sup>th</sup> January
6. Semester Examination		
a) Regular 1 <sup>st</sup> , 3 <sup>rd</sup> , 5 <sup>th</sup> & 7 <sup>th</sup>	December	January
b) Practical Examination	16 <sup>th</sup> December	20 <sup>th</sup> December
b) Supplementary	December	January
7. Class work for 2 <sup>nd</sup> , 4 <sup>th</sup> , 6 <sup>th</sup> & 8 <sup>th</sup> Semester	January	May
a) Holding of Two Sessional Test and Two Assignments during complete Semesters		
b) Compilation of Sessional records		
8. Study break		Last Week of May
9. Semester Examination		
a) Regular 2 <sup>nd</sup> , 4 <sup>th</sup> , 6 <sup>th</sup> , 8 <sup>th</sup>	May	June
b) Practical Examination	15 <sup>th</sup> May	20 <sup>th</sup> May
c) Supplementary	June	July
10. Summer Break	16 <sup>th</sup> June - 31 <sup>st</sup> July	
11. Industrial Training (6 <sup>th</sup> Semester)	16 <sup>th</sup> June - 31 <sup>st</sup> July	

**Note:** The Calendar for the 1<sup>st</sup> & 2<sup>nd</sup> semester is subject to completion of the admission process by JEE MAINS and JKBOPEE. In case of dates of admission on 1<sup>st</sup> & 2<sup>nd</sup> semester the loss in time is proposed to be compensated through curtailing summer /winter vacation for the said students.

#### Calendar for other Events

1. Induction Programme for 1 <sup>st</sup> Semester	Third Week of August (Three Weeks)
2. Celebration of Engineer's Day	15 <sup>th</sup> September
3. Cultural/Sports Week	October – November
4. National Science Day	28 <sup>th</sup> February

*[Signature]*



- 5. Farewell to 8<sup>th</sup> Semester
- 7. National Technology day
- 8. Foundation Day-UIET
- 9. Techomania-UIET

30<sup>th</sup> April

11<sup>th</sup> June

3<sup>rd</sup> February

3<sup>rd</sup> February- 5<sup>th</sup> February

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[Published in the Gazette of India, Part III, Section 4.]

## DENTAL COUNCIL OF INDIA

### NOTIFICATION

New Delhi, dated 5<sup>th</sup> November, 2017.

**No.DE-87-2017**—In exercise of the powers conferred by clauses (g), (h) and (ha) of sub-section (2) of section 20 of the Dentists Act, 1948 (16 of 1948), the Dental Council of India, after consultation with the State Governments as required under clause (g) and (h) of the said Act, and in supersession of the Dental Council of India Revised MDS Course Regulations, 2007 except as respects things done or omitted to be done before such supersession, the Dental Council of India with the approval of the Central Government hereby makes the following regulations, namely:—

### PART-I

#### PRELIMINARY

1. **Short title and commencement.**— (1) These regulations may be called the Dental Council of India, Master of Dental Surgery Course Regulations, 2017.  
 (2) They shall come into force on the date of their publication in the Official Gazette.
2. **Definitions** – In these regulations unless the context otherwise requires:-
  - (a) "Act" means the Dentists Act, 1948 (16 of 1948)
  - (b) "the Council" means the Dental Council of India constituted under section 3 of the Act;
  - (c) "dentistry" includes,
    - (i) the performance of any operation on, and the treatment on any disease, deficiency or lesion of, human teeth or jaws, and the performance of radiographic work in connection with human teeth or jaws or the oral cavity;
    - (ii) the giving of any anesthetic in connection with any such operation or treatment;
    - (iii) the mechanical construction or the renewal of artificial dentures or restorative dental appliances;
    - (iv) the performance of any operation on, or the giving of any treatment, advice or attendance to, any person preparatory to, or for the purpose of, or in connection with, the fitting, inserting, fixing, constructing, repairing or renewing of artificial dentures or restorative dental appliances, and the performance of any such operation and the giving of any such treatment, advice or attendance, as is usually performed or given by dentists;
  - (d) "NEET" means the National Eligibility-cum-Entrance Test conducted by the National Board of Examination for admission to post-graduate courses;
  - (e) "University" means a university established or incorporated by or under a Central Act, a Provincial Act or a State Act, and includes any such institution as may, in consultation with the university concerned, be recognised by the University Grant Commission in accordance with the regulations made in this behalf under this Act.

### PART - II

#### GENERAL CONDITIONS TO BE OBSERVED BY POST GRADUATE TEACHING INSTITUTIONS

3. **GENERAL CONDITIONS.** (1) The institutions recognised by the Central Government and after consultation with the Council shall be eligible for conducting the post-graduate degree or diploma course(s).

(2) The maximum number of students for a post-graduate course, for training for the award of post-graduate degree or diploma by the affiliating university, shall be determined by the facilities available in the department in terms of infrastructure, teaching staff and clinical teaching material. However, to start with, a maximum of three post-graduate students, (one Unit) shall be permitted in a speciality department. The annual intake capacity recommended by the Council and approved by the Central Government for the academic year shall be final. No institution shall be permitted to increase more than three seats at a time in its annual intake capacity in a particular speciality in a given academic year. Not more than two units consisting of six seats (including increase of seats) shall be granted to any dental institutions for each speciality.

(3) The students undergoing post-graduate courses shall be exposed to the following:-

- (i) basics of bio-statistics and research methodology;
- (ii) basics of human behaviour studies;
- (iii) basics of pharmaco-economics;
- (iv) introduction to the non-linear mathematics.

#### 4. **ETHICS IN DENTISTRY.**

There is a definite shift from the traditional patient and doctor relationship and delivery of dental care. With the advances in science and technology and the increasing needs of the patient, their families and community, there is a concern for the health of the community as a whole. There is a shift to greater accountability to the society. Dental specialists like the other health professionals are confronted with many ethical problems. It is therefore absolutely necessary for each and every one in the health care delivery to prepare themselves to deal with these problems. To accomplish this and develop human values, it is desired that all the trainees undergo ethical sensitization by lectures or discussion on ethical issues, discussion of cases with an important ethical component.

#### 5. **ELIGIBILITY FOR ADMISSION.**

A candidate for admission to the Master in Dental Surgery course, must possess a recognised degree of Bachelor in Dental Surgery awarded by a university or institute in India and registered with the State Dental Council and has obtained provisional or permanent registration and has undergone compulsory rotatory internship of a year in an approved/recognised dental college:

Provided that in the case of a foreign national, the following procedure shall be followed:-

The Council may, on payment of the prescribed fee for registration, grant temporary registration for the duration of the post-graduate training restricted to the dental college/institution to which he or she is admitted for the time being exclusively for post-graduate studies:

Provided further that temporary registration to such foreign national shall be subject to the condition that such person is duly registered as medical practitioner in his/her own country from which he/she has obtained his/her basics dental qualification and that his/her degree is recognized by the corresponding state dental council or concerned authority.

#### 6. **SELECTION OF CANDIDATE FOR POST-GRADUATE COURSES.**

There shall be a uniform NEET for admission to the post-graduate dental courses in each academic year conducted in the manner, as prescribed by the National Board of Examination or any other authority appointed by the Central Government in this behalf. The overall superintendence, direction and control of the NEET shall vest with the Council.

7. **QUALIFYING CRITERIA FOR ADMISSION TO POST-GRADUATE COURSES.** (1) The candidate has to secure the following category-wise minimum percentile in NEET for admission to post-graduate courses held in a particular academic year.

General	50 <sup>th</sup> Percentile
Person with locomotory disability of lower limbs	45 <sup>th</sup> Percentile
Scheduled Castes, Scheduled Tribes, Other Backward Classes	40 <sup>th</sup> Percentile

Provided that the percentile shall be determined on the basis of highest marks secured in the All-India common merit list in NEET for post-graduate courses:

~~Provided further, that when sufficient number of candidates in the respective categories fail to secure minimum marks as prescribed in NEET held for any academic year for admission to post-graduate courses, the Central Government in consultation with the Council may, at its discretion lower the minimum marks required for admission to post-graduate courses for candidates belonging to respective categories and marks so lowered by the Central Government shall be applicable for the said academic year only.~~

The above proviso has been substituted in terms of (1<sup>st</sup> Amendment) notification published on 15.03.2018 in the Gazette of India and the same is as under:-

Provided further that when the number of qualifying candidates in the respective categories on the basis of the above mentioned percentile are less than three times the number of vacancies, the cut-off percentile will be automatically lowered in such a manner that the number of eligible candidates shall be minimum three times the number of seats in each respective category.

- (2) The reservation of seats in dental college/institutions for respective categories shall be as per applicable laws prevailing in States/Union territories. An all India merit list as well as State-wise merit list of the eligible candidates shall be prepared on the basis of the marks obtained in NEET Test and candidates shall be admitted to post-graduate courses from the said merit list only:

The following words has been substituted in terms of (2<sup>nd</sup> Amendment) notification published on 18.09.2018 in the Gazette of India

Provided that in determining the merit of candidates who are in service of Government/public authority, weightage in the marks may be given by the Government/competent authority as an incentive upto 10% of the marks obtained for each year of service in ~~remote and/or difficult areas~~ remote and/or difficult or rural areas upto the maximum of 30% of the marks obtained in NEET. The ~~remote and difficult areas~~ remote, difficult and rural areas shall be as defined by State Government / competent authority from time to time.

13. Govt. Dental College Jam



- (3) A candidate who has failed to secure the minimum percentile as prescribed in these regulations, shall not be admitted to any post-graduate courses in any academic year.
- (4) Minimum 5% seats of the annual sanctioned intake capacity shall be filled up by candidates with locomotory disability of lower limbs between 50% to 70%:

Provided that in case any seat in this quota remains unfilled on account of unavailability of candidates with locomotory disability of lower limbs between 50% to 70% then any such unfilled seat shall be filled up by persons with locomotory disability of lower limbs between 40% to 50% - before they are included in the annual sanctioned seats for general category candidates:

Provided further that this entire exercise shall be completed by each dental college/institution as per the statutory time schedule for admissions.

#### 8. COMMENCEMENT OF ACADEMIC SESSION AND CUT-OFF DATE FOR ADMISSION.\_

- (1) The academic session shall be commenced from 1<sup>st</sup> of May and the cut-off date for admission, even for stray vacancies, in the Master of Dental Surgery course shall be 31<sup>st</sup> of May, every year. The universities and other institutions shall start the admission process in such a way that teaching in post-graduate courses starts by 1<sup>st</sup> May each year for which they shall strictly adhere to the time schedule specified in the Dental Council of India (Establishment of new dental colleges, opening of higher courses of study and increase of admission capacity in existing dental colleges) Regulations, 2006.
- (2) There shall be no admission of students in respect of any academic session beyond the 31<sup>st</sup> May for post-graduate courses under any circumstances. The universities or institute shall not register any student beyond the said date; in case, any institution which grants admission to any student after the last date specified for the same shall also be liable to face such action including surrender of seats equivalent to the extent of such admission made from its sanctioned intake capacity for the succeeding academic year.
- (3) The Council may direct, that any student identified as having obtained his/her admission after the last date for closure of admission be discharged from the course of study, or any dental qualification granted to such a student shall not be a recognised qualification for the purpose of the Act.

#### 9. COMMON COUNSELING. – (1) There shall be a common counseling for admission to all post-graduate courses (Diploma/MDS) in all dental educational institutions on the basis of merit list of the NEET.

- (2) The designated authority for counseling for the 50% All India Quota seats of the contributing States, as per the existing scheme for post graduate (Diploma/MDS) courses shall be the Directorate General of Health Services, Ministry of Health and Family Welfare, Government of India. Further Directorate General of Health Services, Ministry of Health and Family Welfare, Government of India shall conduct counseling for all post-graduate (Diploma/MDS) Courses in Dental Educational Institutions of the Central Government, Universities established by an Act of Parliament and the Deemed Universities.
- (3) The counseling for admission to post-graduate (Diploma/MDS) courses in all dental Educational Institutions in a State/Union Territory, including dental educational institutions established by the State Government, University established by an Act of State/Union Territory Legislature, Trust, Society, Minority Institutions shall be conducted by the State/Union Territory Government.
- (4) In case, any dispute arises on such common counseling, the matter to the Central Government and its decisions shall be final, in this regard.

*Principal*  
Govt Dental College, Jamnagar

10. **INFORMATION ON ADMISSION AND SCHEDULE OF EXAMINATION.** Every dental institution and its affiliating university shall furnish information on admissions in the courses of study, schedule of examinations to the Council, in such form as the Council may specify, within stipulated period from time to time.
11. **PERIOD OF TRAINING.** (1) The period of training for the award of the MDS course shall be of three years duration for three academic years as full time candidates in an institution including the period of examination:

Provided that the time period required for passing out of the MDS course shall be a maximum of six years from the date of admission in said course:

Provided further that the duration of the post-graduate course for the post-graduate Diploma holders shall be of two years in the respective speciality. The syllabus and curriculum shall be the same as MDS Course in the concerned speciality except that they are not required (i) to undergo study and training in Basic Sciences and (ii) pass the PART-I Examination of MDS Course. However, they have to submit the dissertation work, as part of the post-graduate programme.

(2) During the period, each student shall take part actively in learning and teaching activities design of training, by the institution or the university. The teaching and learning activities in each speciality, shall be as under:-

(a) **LECTURES:**

There shall be some didactic lectures in the speciality and in the allied fields. The departments shall encourage guest lectures in the required areas and integrated lectures by multi-disciplinary teams on selected topics, to strengthen the training programmes.

(b) **JOURNAL REVIEW:**

The journal review meetings shall be held at least once a week. All trainees, associate and staff associated with the post-graduate programme are expected to participate actively and enter relevant details in the logbook. The trainee shall make presentations from the allotted journals of selected articles. A model check list for the evaluation of journal review presentation is annexed at Schedule-I of these regulations.

(c) **SEMINARS:**

The seminars shall be held at least twice a week in each department. All trainees are expected to participate actively and enter relevant details in logbook. A model check list for the evaluation of seminar presentation is annexed at Schedule-II of these regulations.

(d) **SYMPOSIUM:**

It is recommended to hold symposium on topics covering multiple disciplines.

(e) **CLINICAL POSTINGS:**

Each trainee shall work in the clinics on regular basis to acquire adequate professional skills and competency in managing various cases, A model check list for evaluation of clinical postings is annexed at Schedule-III of these regulations.

**(f) CLINICO- PATHOLOGICAL CONFERENCE:**

The clinico pathological conference shall be held once a month involving the faculties of Oral Medicine and Radiology, Oral Pathology and allied clinical departments. The trainees shall be encouraged to present the clinical details, radiological and histo-pathological interpretations and participation in the discussions.

**(g) INTER-DEPARTMENTAL MEETINGS:**

To encourage integration among various specialities, there shall be inter-departmental meeting chaired by the Dean with all heads of post-graduate departments at least once a month.

**(h) TEACHING SKILLS:**

All the trainees shall be encouraged to take part in undergraduate teaching programmes either in the form of lectures or group discussions. A model check list for evaluation of teaching skills is annexed at Schedule-IV of these regulations.

**(i) DENTAL EDUCATION PROGRAMMES:**

Each department shall organise dental education programmes on regular basis involving other institutions. The trainees shall also be encouraged to attend such programmes conducted outside their university or institute.

**(j) CONFERENCES / WORKSHOPS / ADVANCED COURSES:**

The trainees shall be encouraged to attend conference/workshops/advanced courses and also to present at least two scientific papers and two posters at State / national level speciality and allied conferences / conventions during the training period.

**(k) ROTATION AND POSTING IN OTHER DEPARTMENTS:**

To bring in more integration among the specialities and allied fields, each department shall workout a programme to rotate the trainees in related disciplines.

**(l) DISSERTATION / THESIS:**

The trainees shall prepare a dissertation based on the clinical or experimental work or any other study conducted by them under the supervision of the guide. A model check list for evaluation of dissertation presentation and continuous evaluation of dissertation work by guide / co-guide is annexed at Schedule-V of these regulations. A model overall assessment sheet to be filled by all the trainees undergoing post-graduate course is annexed at Schedule-VI of these regulations.

**(3) All the students of the speciality departments shall complete the minimum quota for the teaching and learning activities, as follows:-**

- |                                 |               |
|---------------------------------|---------------|
| (a) Journal Clubs               | : 5 in a year |
| (b) Seminars                    | : 5 in a year |
| (c) Clinical Case Presentations | : 4 in a year |



- |     |  |   |   |
|-----|--|---|---|
| (d) | Lectures taken for undergraduates  | : | 1 in a year   |
| (e) | Scientific Paper / Poster Presentations<br>In State / National Level Conferences / | : | 4 papers/posters during<br>three years of training<br>workshop period |
| (f) | Clinico Pathological Conferences   | : | 2 presentations during<br>three years of<br>training period           |
| (g) | Scientific Publications (optional)   | : | one publication<br>in any indexed scientific<br>journal               |
- 
- |     |                                      |   |  |
|-----|--------------------------------------|---|--|
| h)  | Submission of Synopsis               | : | one synopsis within six<br>months from the date of<br>commencement of the course             |
| (i) | Submission of Dissertation<br>months | : | one dissertation within six<br>before appearing for the<br>university examination            |
| (j) | Submission of Library Dissertation   | : | one dissertation within<br>eighteen months from<br>the date of commencement of<br>the course |


12. **STIPEND.** The post-graduate students shall be paid stipend only for duration of three years of the course, as may be fixed by the Central Government/State Government/Union territory Administration or such authority as the respective government/administration may authorise. Where any dispute arises regarding any such stipend, including, quantum of stipend, it shall be considered and decided by the Central Government/respective State Government/Union territory Administration at its own level and its decision shall be final.

13. **MIGRATION:** Under no circumstances, the migration or the transfer of students undergoing post-graduate Degree/Diploma shall not be permitted by the university or the authority. No inter-change of the speciality in the same institution or in any other institution shall be permitted after the date of the commencement of session.

### PART-III

#### 14. INFRASTRUCTURE AND FUNCTIONAL REQUIREMENTS :

- (1) **Space:** In addition to the undergraduate functional, facilities, the following physical facilities shall be made available to start a post-graduate training programme, namely:-
  - (a) a minimum of 125 sq ft. area for each dental chair in the clinic. The area of the clinic shall be in accordance with the number of dental chairs required to be placed in the department;
  - (b) each department shall be equipped with a seminar hall, library, sterilization room, (800 to 1000 sq.ft.)
- (2) **Equipment:** Each department shall have adequate number of standard equipments available in the market as approved by the ISI.

  
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The details of equipments specialities / unit wise is annexed as Schedule –VII to these regulations.

- (3) **Library:** (a) There shall be a central library which shall provide the latest editions of books pertaining to the speciality and allied subjects. In additions to this, the departmental library shall be equipped with the latest books in the subjects concerned. In case, the central library is shared with the medical college, there shall be provision for additional space and separate budget for the dental college.
- (b) In addition to books and journals in the library, internet, CDs, audio-visual facilities should be available.
- (c) Minimum 15-20 titles of renowned authors, 4-6 international journals of the concerned speciality, alongwith 8-10 volumes of back issues of atleast 3 international journals of the concerned speciality should be available.
- (d) All the journals of the speciality and allied subjects shall be available out of which 50% should be in print form.

**Note:** All the existing dental institutions shall comply with these requirements except the land requirement of five acres within a period of *three* years from the date of publication of these regulations in the Official Gazette.

#### Part - IV

#### STAFFING PATTERN FOR POST-GRADUATE COURSE

##### 15. TEACHING STAFF:

In a unit, two post-graduate students shall be guided by a Professor and one student by a Reader or an Associate Professor. To strengthen and maintain the standards of post-graduate training, the following unit-wise staffing pattern has been made mandatory, for the starting of a post-graduate course, namely:-

##### Unit 1 :-

Departments/Specialty	Minimum faculty requirement of 1 <sup>st</sup> Unit in an undergraduate institute having basic infrastructure of 50 admissions		
	Professor (HOD)	Readers/ Associate Professors	Lecturers/Assistant Professor
Prosthodontics and Crown & Bridge	1	3	4
Conservative Dentistry and Endodontics	1	3	4
Periodontology	1	2	2
Orthodontics & Dentofacial Orthopedics	1	2	2
Oral & Maxillofacial Surgery	1	2	2
Oral & Maxillofacial Pathology and Oral Microbiology	1	2	2
Oral Medicine & Radiology	1	2	2
Pediatric Dentistry	1	2	2

Public Health Dentistry	1	2	2
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Departments/Specialty	Minimum faculty requirement of 1 <sup>st</sup> Unit in an undergraduate institute having basic infrastructure of 100 admissions		
	Professor (HOD)	Readers/Associate Professor	Lecturer/Assistant Professors
Prosthodontics and Crown & Bridge	1	3	6
Conservative Dentistry and Endodontics	1	3	6
Periodontology	1	3	3
Orthodontics & Dentofacial Orthopedics	1	2	3
Oral & Maxillofacial Surgery	1	3	3
Oral & Maxillofacial Pathology and Oral Microbiology	1	2	3
Oral Medicine & Radiology	1	2	3
Pediatric Dentistry	1	2	3
Public Health Dentistry	1	2	3

### Unit 2 :-

Each department shall have the following additional teaching faculty, over and above the requirement of Unit 1.

Professor	1
Reader/Associate Professor	1
Lecturer/Asst. Professor	2

Note:- The department, which does not have the above staffing pattern, shall not start post-graduate course in that speciality.

### 16. PART-TIME PROFESSOR.\_

Part-time professor who can put in at list four hours a day or eighty hours in a month are eligible to enroll only one post-graduate student under them and they shall be entitled to 50% of leave entitled for regular teaching faculty.

### 17. AGE, EDUCATIONAL QUALIFICATIONS AND TEACHING EXPERIENCE.\_

#### (a) HEAD OF THE DEPARTMENT:

A Bachelors Degree in Dental Surgery from an Indian University with Masters in Dental Surgery / Diplomate of National Board recognised by the Government of India on the recommendations of the Council, and with one year teaching

experience in the speciality as Professor, and shall have to acquire minimum points for publications as per the scheme given in the table.

(b) **PROFESSOR:**

A Bachelors Degree in Dental Surgery from an Indian University with Masters in Dental Surgery / Diplomate of National Board recognised by the Government of India on the recommendations of the Council, and with five years of teaching experience in the speciality as Reader/Associate Professor, and shall have to acquire minimum points for publications as per the scheme given in the table.

(c) **READER/ASSOCIATE PROFESSOR:**

A Bachelors Degree in Dental Surgery from an Indian University with Masters in Dental Surgery / Diplomate of National Board recognised by the Government of India on the recommendations of the Council, and with four years of teaching experience in the speciality after post-graduation, and shall have to acquire minimum points for publications as per the scheme given in the table.

(d) **LECTURER/ASSISTANT PROFESSOR:**

A Bachelors Degree in Dental Surgery from an Indian University with Masters in Dental Surgery / Diplomate of National Board recognised by the Government of India on the recommendations of the Council, in the speciality.

**Note:**

1. All the regular teaching faculty shall be full time.
2. Teaching experience gained in medical college, where there are no dental courses, shall not be accepted for teaching post-graduate students. Dental faculty with post-graduate qualification in dentistry, shifting from the dental department of a medical college shall have to complete minimum of three years of teaching experience in a dental college or institution before being accepted as post-graduate faculty.
3. In exceptional cases, the teaching experience, in Government dental colleges, may be considered for further promotion on the basis of total teaching experience.
4. The Reader/Associate Professor in a dental college shall attend teachers training program once in three years.
5. The Senior Residents with post-graduate qualification or Diplomate of National Board recognised by the Council, in the speciality having teaching experience in dental colleges may be considered equivalent to Lecturer/Assistant Professor.
6. Teaching experience in a private dental institution for less than one year shall not be considered relevant for post-graduate faculty.
7. The maximum age limit upto which a person can be appointed or granted extension or re-employed in service against the posts of dental teachers or Dean or Principal, as the case shall be, sixty five years.

**Table - 1**

	Category	Points
	<b>Category I:</b> (1) Journals Indexed to Pubmed – Medline Please see- <a href="http://www.ncbi.nlm.nih.gov/pubmed">www.ncbi.nlm.nih.gov/pubmed</a> (2) Journals published by Indian/International Dental Speciality Associations approved by Dental Council of India.	15

<b>Category II:</b> (1) Medical / Dental Journals published by Government Health Universities <b>awarding</b> dental degree or Govt. Universities <b>awarding</b> dental degree (2) Original Research/Study approved by I.C.M.R/Similar Govt. Bodies (3) Author of Text / Reference Book concerned to respective specialty (4) PhD. or any other similar additional qualification after MDS	10
<b>Category III:</b> (1) Journals published by Deemed Universities / Dental Institutions / Indian Dental Association (2) Contribution of Chapters in the Text Book	5

Note:-

1. For any publication, except original research, first author (principal author) shall be given 100% points and remaining authors (co-authors) shall be given 50% points and upto a maximum of 5 co-authors will be considered.
2. For original research, all authors shall be given equal points and upto a maximum of 6 authors shall be considered.
3. Maximum of 3 publications shall be considered for allotting points in Category III.
4. Publication in tabloids / souvenirs / dental news magazines / abstracts of conference proceedings / letter of acceptance shall not be considered for allotment of points.

**Total Score Required:**

For Head of Department:	40 marks
Professor:	30 marks
Reader/Associate Professor:	20 marks

**IMPORTANT:**

1. A post-graduate teacher would be re-evaluated every three years and shall have at least an additional 15 points in their score.
2. A **Journal Review Expert Committee** may be formed which shall enlist all the available international and Indian dental journals in various categories. The list would be displayed on the Council's website. The Committee shall also be responsible for making annual review of the list of journals and shall continuously monitor the standard of publications in various journals and the categories of publications may be upgraded / downgraded, if the standard is not maintained by the journal. In case of any dispute, the recommendation of the Expert Committee shall be reviewed by the Executive Committee and decision of the Executive Committee would be final.

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**PART - V  
EXAMINATIONS**

**18. EXAMINATIONS.\_**

**(a) ELIGIBILITY:**

The following requirements shall be fulfilled by the candidate to become eligible for the final examination.

- (i) Attendance: Every candidate shall secure (80% attendance during each academic year).
- (ii) Progress and conduct: Every candidate shall participate in seminars, journal review meetings, symposia, conferences, case presentations, clinics and didactic lectures during each year organised by the concerned department.
- (iii) Work diary and log book: Every candidate shall maintain a work diary and log book as per Annexure-I appended to these regulations for recording his or her



participation in the training programmes conducted by the department. The work diary and log book shall be verified and certified by the Head of the Department of the institution. The certification of satisfactory progress is based on the work diary and log book.

(b) **UNIVERSITY EXAMINATION.\_**

The university examination shall consist of theory, practical and clinical examination and viva-voce and Pedagogy

**(i) Theory:**

Part-I: Shall consist of one paper

There shall be a theory examination in the Basic Sciences at the end of 1<sup>st</sup> year of course. The question papers shall be set and evaluated by the concerned Department/Specialty. The candidates shall have to secure a minimum of 50% in the Basic Sciences and shall have to pass the **Part-I** examination at least six months prior to the final (Part-II) examination.

Part-II: Shall consist of three papers; namely:—

- (ii) Practical and Clinical Examination;
- (iii) Viva-voce; and
- (iv) Pedagogy.

A candidate who wishes to study in a second speciality, shall have to undergo the full course of three years duration in that speciality.

(c) **DISSERTATION:**

Every candidate appearing for the post-graduate degree examination shall at least six months prior to the examinations, submit with his form for examination, four typewritten copies of the dissertation undertaken by the candidate, prepared under the direction and guidance of his/her guide. The dissertation so submitted shall be referred to the examiners for their examination and acceptance of it shall be a condition precedent to allow the candidate to appear for the written part of the examination:

Provided that a candidate whose dissertation has been accepted by the examiner, but declared failed at the examination, shall be permitted to re-appear at the subsequent examination without a new dissertation:

Provided further that if the dissertation is rejected by the examiner, the examiner shall assign reasons therefor with suggestions for its improvement to the candidate and such candidate shall re-submit his/ her dissertation to the examiner who shall accept it before appearing in the examination.

(d) **CLINICAL/PRACTICAL EXAMINATION:**

Clinical/practical examination is designed to test the clinical skill, performance and competence of the candidate in skills such as communication, clinical examination, medical/dental procedures or prescription, exercise prescription, latest techniques, evaluation and interpretation of results so as to undertake independent work as a specialist. The affiliating university shall ensure that the candidate has been given ample opportunity to perform various clinical procedures.

The practical/clinical examination in all the specialities shall be conducted for six candidates in two days:

Provided that practical/clinical examination may be extended for one day, if it is not complete in two days.

(e) **VIVA-VOCE EXAMINATION:**

Viva voce examination aims at assessing the depth of knowledge, logical reasoning, confidence and communication skill of the students.

(f) **SCHEME OF EXAMINATION:**

**Theory:** Part-I: Basic Sciences Paper - **100 Marks**  
Part-II: Paper-I, Paper-II & Paper-III - **300 Marks** (100 Marks for each Paper)

Written examination shall consist of Basic Sciences (Part-I) of three hours duration shall be conducted at the end of First year of MDS course. Part-II Examination shall be conducted at the end of Third year of MDS course. Part-II Examination shall consist of Paper-I, Paper-II and Paper-III, each of three hours duration. Paper-I & Paper-II shall consist of two long answer questions carrying 25 marks each and five questions carrying 10 marks each. Paper-III will be on Essays. In Paper-III three Questions will be given and student has to answer any two questions. Each question carries 50 marks. Questions on recent advances may be asked in any or all the papers. Distribution of topics for each paper will be as follows:

**Part-I :** Applied Basic Sciences: Applied Anatomy, embryology, growth and development Genetics, Immunology, anthropology, Physiology, nutrition & Biochemistry, Pathology & Microbiology, virology, Applied pharmacology, Research Methodology and bio statistics,, Applied Dental anatomy & histology, Oral pathology & oral Microbiology, Adult and geriatric psychology. Applied dental materials.

**Part-II**

**Paper-I :** Removable Prosthodontics and Implant supported prosthesis (Implantology), Geriatric dentistry and Cranio facial Prosthodontics  
**Paper-II :** Fixed Prosthodontics, occlusion, TMJ and esthetics.  
**Paper-III :** Essays

*\*The topics assigned to the different papers are generally evaluated under those sections. However a strict division of the subject may not be possible and some overlapping of topics is inevitable. Students should be prepared to answer overlapping topics.*

(g) **DISTRIBUTION OF MARKS:**

Theory : (Total 400 Marks)

**(1) Part I University Examination (100 Marks):-**

There shall be 10 questions of 10 marks each (Total of 100 Marks)

**(2) Part II (3 papers of 100 Marks):-**

- (i) Paper-I: 2 long essay questions of 25 marks each and 5 short essays of 10 marks each. (Total of 100 Marks)
- (ii) Paper-II: 2 long essay questions of 25 marks each and 5 short essays of 10 marks each. (Total of 100 Marks)
- (iii) Paper III: 2 out of 3 essay questions (50 x 2 = 100 Marks)

**Practical and Clinical Examination:** 200 Marks

**Viva-voce and Pedagogy** 100 Marks

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**19. EXAMINERS:**

**Part I:** There shall be one internal and one external examiner for three students appointed by the affiliating university for evaluating the answer scripts of the same speciality. However, the number of examiner/s may be increased with the corresponding increase in number of students.

**Part II:** There shall be four examiners in each subject. Out of them, two (50%) shall be external examiners and two (50%) shall be internal examiners. Both external examiners shall be from a university other than the affiliating university and one examiner shall be from a university of different State.

**20. QUALIFICATION AND EXPERIENCE FOR EXAMINERS:**

The qualification and experience for appointment of an examiner shall be as under:-

- (i) shall possess qualification and experience of a Professor in a post-graduate degree programme;
- (ii) a person who is not a regular post-graduate teacher in the subject shall not be appointed as an examiner;
- (iii) the internal examiner in a subject shall not accept external examinership in a college for the same academic year;
- (iv) no person shall be appointed as an external examiner for the same institution for more than two consecutive years. However, if there is a break of one year, the person can be re-appointed.

**21. EXAMINATION CENTRE:**

- (1) In the event of university exam being conducted in the same city or town having more than one post-graduate institution under the same university, one central examination centre shall be fixed by the university and the students from all the institutions of the city shall take the examination in that center: Provided that the clinical and viva-voice shall be conducted at their institute.
- (2) Rotation of the institutions as center of examination shall be as per direction of the university.

**22. VALUATION OF ANSWER BOOKS:**

Part-I : Answer book/s shall be evaluated by the internal and external examiner/s

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Part-II : Answer books shall be evaluated by four examiners, two internal and two external and the average marks shall be computed.

**23. CRITERIA FOR PASS CERTIFICATE:**

To pass the university examination, a candidate shall secure in both theory examination and in practical/clinical including viva voce independently with an aggregate of 50% of total marks allotted (50 out of 100 marks in Part I examination and 150 marks out of 300 in Part II examination in theory and 150 out of 300, clinical plus viva voce together). A candidate securing marks below 50% as mentioned above shall be declared to have failed in the examination.

A candidate who is declared successful in the examination shall be granted a Degree of Master of Dental Surgery in the respective speciality.



## **PART – VI SYLLABUS**

The syllabus for post-graduate course includes both Applied Basic Sciences and subjects of concerned specialty. The syllabus in Applied Basic Sciences shall vary according to the particular speciality, similarly the candidates shall also acquire adequate knowledge in other subjects related to their respective speciality.

### **24. SYLLABUS DISTRIBUTION IN VARIOUS SPECIALITIES:**

#### **(i) PROSTHODONTICS AND CROWN & BRIDGE**

##### **Part-I**

**Paper-I :** **Applied Basic Sciences:** Applied anatomy, embryology, growth and development Genetics, Immunology, anthropology, Physiology, nutrition and Biochemistry, Pathology and Microbiology, virology, Applied pharmacology, Research Methodology and bio statistics,. Applied Dental anatomy and histology, Oral pathology & oral Microbiology, Adult and geriatric psychology. Applied dental materials.

##### **Part-II**

**Paper-I :** Removable Prosthodontics and Implant supported prosthesis(Implantology), Geriatric dentistry and Cranio facial Prosthodontics

**Paper-II :** Fixed Prosthodontics, occlusion, TMJ and esthetics.

**Paper-III :** Descriptive and analysing type question

#### **(ii) PERIODONTOLOGY**

##### **Part-I**

**Paper-I :** **Applied Basic Sciences:** Applied Anatomy, Physiology, and Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics.

##### **Part-II**

**Paper I :** Normal Periodontal structure, Etiology and Pathogenesis of Periodontal diseases, epidemiology as related to Periodontics

**Paper II :** Periodontal diagnosis, therapy and Oral implantology

**Paper III :** Descriptive and analysing type question

#### **(iii) ORAL & MAXILLOFACIAL SURGERY**

##### **Part-I**

**Paper-I :** **Applied Basic Sciences:** Applied Anatomy, Physiology, & Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics.

##### **Part-II:**

**Paper-I :** Minor Oral Surgery and Trauma

**Paper-II :** Maxillo-facial Surgery

**Paper-III :** Descriptive and analysing type question

#### **(iv) CONSERVATIVE DENTISTRY AND ENDODONTICS**

##### **Part-I**



**Paper-I :** **Applied Basic Sciences:** Applied Anatomy, Physiology, Pathology including Oral Microbiology, Pharmacology, Biostatistics and Research Methodology and Applied Dental Materials.

**Part-II**

**Paper-I :** Conservative Dentistry

**Paper-II :** Endodontics

**Paper-III :** Descriptive and analysing type question

**(v) ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS**

**Part-I**

**Paper-I :** **Applied Basic Sciences:** Applied anatomy, Physiology, Dental Materials, Genetics, Pathology, Physical Anthropology, Applied Research methodology, Bio-Statistics and Applied Pharmacology.

**Part-II**

**Paper-I :** Orthodontic history, Concepts of occlusion and esthetics, Child and Adult Psychology, Etiology and classification of malocclusion, Dentofacial Anomalies, Diagnostic procedures and treatment planning in Orthodontics, Practice management in Orthodontic

**Paper II :** Clinical Orthodontics

**Paper III :** Descriptive and analysing type question

**(vi) ORAL AND MAXILLOFACIAL PATHOLOGY AND ORAL MICROBIOLOGY:**

**Part-I**

**Paper-I :** **Applied Basic Sciences:** Applied anatomy, Physiology (General and oral), Cell Biology, General Histology, Biochemistry, General Pathology, General and Systemic Microbiology, Virology, Mycology, Basic Immunology, Oral Biology (oral and dental histology), Biostatistics and Research Methodology

**Part-II:**

**Paper-I :** Oral pathology, Oral Microbiology and Immunology and Forensic Odontology

**Paper-II :** Laboratory techniques and Diagnosis and Oral Oncology

**Paper-III :** Descriptive and analysing type question

**(vii) PUBLIC HEALTH DENTISTRY**

**Part-I**

**Paper-I :** **Applied Basic Sciences:** Applied Anatomy and Histology, Applied Physiology and Biochemistry, Applied Pathology, Microbiology, Oral Pathology, Physical and Social Anthropology, Applied Pharmacology and Research Methodology and Biostatistics.

**Part-II:**

**Paper-I :** Public Health

**Paper-II :** Dental Public Health

**Paper-III :** Descriptive and analysing type question

**(viii) PEDIATRIC DENTISTRY**

**Part-I**

**Paper I :** **Applied Basic Sciences :** Applied Anatomy, Physiology, and Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics Growth and Development and Dental plaque, Genetics.

**Part-II:**

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- Paper-I : Clinical Pedodontics  
 Paper-II : Preventive and Community Dentistry as applied to pediatric dentistry  
 Paper-III : Descriptive and analysing type question

(ix) **ORAL MEDICINE AND RADIOLOGY**

**Part-I**

- Paper I : **Applied Basic Sciences:** Applied Anatomy, Physiology, and Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics

**Part-II:**

- Paper-I : Oral and Maxillofacial Radiology  
 Paper-II : Oral Medicine, therapeutics and laboratory investigations  
 Paper-III : Descriptive and analysing type question

**The following provision has been inserted in terms of (3<sup>rd</sup> Amendment) notification published on 26.08.2019 in the Gazette of India**

- “(x) The detailed syllabus for all the specialities is annexed as SCHEDULE-IX to these regulations.”

**CHAPTER - VII**

**GOALS AND OBJECTIVES OF THE CURRICULUM**

(25) **GOALS.\_**

The goals of the post-graduate training in various specialities is to train the graduate in Dental Surgery who will,

- (i) practice respective speciality efficiently and effectively, backed by scientific knowledge and skill;
- (ii) exercise empathy and a caring attitude and maintain high ethical standards;
- (iii) continue to evince keen interest in professional education in the speciality and allied specialities whether in teaching or practice;
- (iv) willing to share the knowledge and skills with any learner, junior or a colleague;
- (v) to develop the faculty for critical analysis and evaluation of various concepts and views and to adopt the most rational approach.

(26) **OBJECTIVES.\_**

The objective of the post-graduate training is to train a student so as to ensure higher competence in both general and special area of interest and prepare him or her for a career in teaching, research and speciality practice. A student must achieve a high degree of clinical proficiency in the subject and develop competence in research and its methodology in the concerned field.

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The objectives to be achieved by the candidate on completion of the course may be classified as under:-

- (a) Knowledge (Cognitive domain)
- (b) Skills (Psycho motor domain)
- (c) Human values, ethical practice and communication abilities

(a) **KNOWLEDGE.\_**

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- (i) demonstrate understanding of basic sciences relevant to speciality;
- (ii) describe etiology, pathophysiology, principles of diagnosis and management of common problems within the speciality in adults and children;
- (iii) identify social, economic, environmental and emotional determinants in a given case and take them into account for planned treatment;
- (iv) recognise conditions that may be outside the area of speciality or competence and to refer them to the concerned specialist;
- (v) update knowledge by self study and by attending courses, conferences and seminars pertaining to speciality;
- (vi) undertake audit, use information technology and carry out research in both basic and clinical with the aim of publishing or presenting the work at various scientific gathering;

**(b) SKILLS:**

- (i) take a proper clinical history, examine the patient, perform essential diagnostic procedures and order relevant tests and interpret them to come to a reasonable diagnosis about the condition;
- (ii) acquire adequate skills and competence in performing various procedures as required in the speciality.

**(c) HUMAN VALUES, ETHICAL PRACTICE AND COMMUNICATION ABILITIES.**

- (i) adopt ethical principles in all aspects of practice;
- (ii) foster professional honesty and integrity;
- (iii) deliver patient care irrespective of social status, caste, creed, or religion of the patient;
- (iv) develop communication skills, to explain various options available and obtain a true informed consent from the patient;
- (v) provide leadership and get the best out of his team in a congenial working atmosphere;
- (vi) apply high moral and ethical standards while carrying out human or animal research;
- (vii) be humble and accept the limitations in his knowledge and skill and to ask for help from colleagues when needed;
- (viii) respect patient's rights and privileges including patient's right to information and right to seek a second opinion.

**PART-VIII  
SPECIALITIES**

27. The following specialties for the post-graduate course to be followed by the university / institute are detailed asunder:-

**(i) Prosthodontics and Crown & Bridge:**

Prosthodontics and Crown & Bridge is a branch of dental art and science pertaining to the restoration and maintenance of oral function, health, comfort and appearance by the replacement of missing or lost natural teeth and associated tissues either by fixed or removable artificial substitutes.

**(ii) Periodontology:**

Periodontology is the science dealing with the health and diseases of the investing and supporting structures of the teeth and oral mucous membrane.

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**(iii) Oral & Maxillofacial Surgery:**

Oral and Maxillofacial surgery deals with the diagnosis and surgical and adjunctive treatment of diseases, injuries and defects of the human jaws and associated oral and facial structures.

**(iv) Conservative Dentistry and Endodontics:**

Conservative dentistry deals with prevention and treatment of the diseases and injuries of the hard tissues and the pulp of the tooth and associated periapical lesions, alongwith restoration of those teeth to normal form function and aesthetics .

**(v) Orthodontics and Dentofacial Orthopedics:**

Orthodontics and Dentofacial Orthopedics deals with prevention and correction of oral anomalies and malocclusion and the harmonising of the structures involved, so that the dental mechanisms function in a normal way.

**(vi) Oral & Maxillofacial Pathology and Oral Microbiology**

Oral & Maxillofacial Pathology and Oral Microbiology deals with the nature of oral diseases, their causes, processes and effects. It relates the clinical manifestation of oral diseases to the physiologic and anatomic changes associated with these diseases.

**(vii) Public Health Dentistry**

Public Health Dentistry is the science and art of preventing and controlling dental diseases and promoting dental health through organised community efforts.

**(viii) Pediatric and Preventive Dentistry**

Pediatric and Preventive Dentistry deals with prevention and treatment of oral and dental ailments that may occur during childhood.

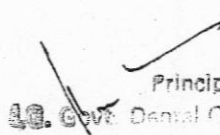
**(ix) Oral Medicine and Radiology**

Oral Medicine is a speciality of dentistry concerned with the basic diagnostic procedures and techniques useful in recognising the diseases of the oral tissues of local and constitutional origin and their medical management.

Radiology is a science dealing with x-rays and their uses in diagnosis and treatment of diseases in relation to orofacial diseases.

**28. CLINICAL MATERIAL . \_**

The minimum requirement of clinical material in each speciality of the post-graduate course is detailed in schedule-VIII of these regulations.

  
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(Dr. Sabyasachi Saha)  
Secretary



**SCHEDULE - I**  
(See clause (b) of sub-regulation (2) of regulation 11)


**MODEL CHECKLIST FOR EVALUATION OF JOURNAL REVIEW PRESENTATIONS.**

Name of the Trainee :

Date :

Name of the Faculty / Observer :

Sl. No.	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Article chosen was					
2.	Extent of understanding of scope and objectives of the paper by the candidate.					
3.	Whether cross-references have been consulted.					
4.	Whether other relevant publications consulted.					
5.	Ability to respond to questions on the paper / subject.					
6.	Audio – Visual aids used.					
7.	Ability to defend the paper.					
8.	Clarity of presentation.					
9.	Any other observation.					
	<b>Total Score</b>					

  
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**SCHEDULE-II**  
(See clause (c) of sub-regulation (2) of regulation 11)

**MODEL CHECK LIST FOR EVALUATION OF SEMINAR PRESENTATIONS**

Name of the Trainee :

Date :

Name of the Faculty / Observer :

Sl. No.	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Completeness & Preparation.					
2.	Clarity of presentation.					
3.	Understanding of subject.					
4.	Whether other relevant publications consulted.					
5.	Whether cross-references have been consulted.					
6.	Ability to answer the questions.					
7.	Time scheduling.					
8.	Appropriate use of audio – visual aids.					
9.	Overall performance.					
10.	Any other observation.					
	<b>Total Score</b>					

**SCHEDULE-III**  
(See clause (e) of sub-regulation (2) of regulation 11)

**(a) MODEL CHECK LIST FOR EVALUATION OF CLINICAL WORK IN Outpatient Department**  
(To be completed once a month by respective unit heads including posting in other department)

Name of the Trainee :

Date :

Name of the Unit Head :

Sl. No.	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Regularity of attendance.					
2.	Punctuality.					
3.	Interaction with colleagues and supportive staff.					
4.	Maintenance of case records.					
5.	Presentation of cases.					
6.	Investigations work up.					
7.	Chair-side manners.					
8.	Rapport with patients.					
9.	Over all quality of clinical work.					
	<b>Total Score</b>					

Name of the Trainee :  
Name of the Faculty / Observer :

Date :

Sl. No.	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Completeness of history.					
2.	Whether all relevant points elicited.					
3.	Clarity of presentation.					
4.	Logical order.					
5.	Mentioned all positive and negative points					
6.	Accuracy of general physical examination.					
7.	Diagnosis: Whether it follows logically from history and findings.					
8.	Investigations required.					
	Complete list.					
	Relevant order.					
	Interpretation of investigations.					
9.	Ability to react to questioning Whether it follows logically from history and findings.					
10.	Ability to defend diagnosis.					
11.	Ability to justify differential diagnosis.					
12.	Others.					
	<b>Grand Total</b>					

Note: Please use a separate sheet for each faculty member.

#### SCHEDULE-IV

(See clause (h) of sub-regulation (2) of regulation 11)

#### MODEL CHECKLIST FOR EVALUATION OF TEACHING SKILL

Name of the Trainee :  
Name of the Faculty / Observer :

Date :

Sl. No	Items for observation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1.	Communication of the purpose of the talk					
2.	Evokes audience interest in the subject.					
3.	The introduction.					
4.	The sequence of ideas.					
5.	The use of practical examples and / or illustrations.					
6.	Specking style (enjoyable, monotonous, etc. specify)					
7.	Attempts audience participation.					
8.	Summary of the main points at the end.					
9.	Asks questions.					
10.	Answers questions asked by the audience.					
11.	Rapport of speaker with his audience.					
12.	Effectiveness of the talk.					
13.	Uses audio-visual aids appropriately.					

### SCHEDULE-V

(See clause (I) of sub-regulation (2) of regulation 11)

#### (a) MODEL CHECKLIST FOR DISSERTATION PRESENTATION

Name of the Trainee :

Date :

Name of the Faculty / Observer :

Sl. No.	Prints to be considered.	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1	Interest shown in selecting topic.					
2	Appropriate review.					
3	Discussion with guide and other faculty.					
4	Quality of protocol.					
5	Preparation of proforma					
	<b>Total Score</b>					

#### (b) CONTINUOUS EVALUATION OF DISSERTATION WORK BY GUIDE / CO-GUIDE

Name of the Trainee :

Date :

Name of the Faculty / Observer :

Sl. No.	Items for observation during presentation	Poor 0	Below Average 1	Average 2	Good 3	Very Good 4
1	Periodic consultation with guide / co-guide.					
2	Regular collection of case material					
3	Depth of analysis / discussion.					
4	Quality of final output.					
5	Others					
	<b>Total Score</b>					

### SCHEDULE-VI

(See clause (I) of sub-regulation (2) of regulation 11)

#### OVERALL ASSESSMENT SHEET

Date :

Sl. No.	Faculty Member	Name of Trainee and Mean Score									
		A	B	C	D	E	F	G	H	I	J
1											
2											
3											

Signature of Head of the Department

Signature of Principal

Note: The overall assessment sheet used along with the logbook shall form the basis for certifying satisfactory completion of course of study, in addition to the attendance required.

KEY:

Faculty member : Name of the faculty doing the assessment.



**Mean score :** Sum total of all the scores of checklists.

**A, B..... :** Name of the trainee.

### **SCHEDULE-VII**

(See sub-regulations (2) of regulation 14)

### **EQUIPMENTS**

### **DEPARTMENT: PROSTHODONTICS AND CROWN & BRIDGE**

S. No.	NAME	SPECIFICATION	Quantity		Availability
1.	Electrical Dental Chairs and Units	With shadowless lamp, spittoon, 3 way syringe, instrument tray and motorized suction, micromotor and airtor attachment with handpieces.	One chair and unit per PG student and two chairs with unit for the faculty.		
			<b>1 Unit</b>	<b>2 Units</b>	
2.	Articulators – semi adjustable/ adjustable with face bow		6	12	
3.	Micromotor – (Lab Type can also be attached (fixed) to wall		2	4	
4.	Ultrasonic scaler		2	2	
5.	Light cures		2	2	
6.	Hot air oven		1	1	
7.	Autoclave		2	2	
8.	Surveyor		2	2	
9.	Refrigerator		1	1	
10.	X-ray viewer		1	2	
11.	Pneumatic, Crown bridge remover		2	3	
12.	Needle destroyer		1	2	
13.	Intra oral camera		1	1	
14.	Digital SLR camera		1	1	
15.	Computer with internet connection with attached printer and scanner		1	1	
16.	LCD projector		1	1	
<b>Clinical Lab for Prosthetics</b>					
1.	Plaster dispenser		2	2	
2.	Model trimmer with carborandum Disc		1	2	
3.	Model trimmer with diamond disc		1	2	
4.	High speed lathe		2	3	
5.	Vibrator		2	4	
6.	Acrylizer		1	2	
7.	Dewaxing unit		1	2	
8.	Hydraulic press		1	1	
9.	Mechanical press		1	1	
10.	Vacuum mixing machine		1	1	
11.	Micro motor lab type		2	3	
12.	Curing pressure pot		1	1	
13.	Pressure molding machine		1	1	

Chrome – Cobalt Lab Equipment				
1.	Duplicator		1	1
2.	Pindex system		1	1
3.	Burn-out furnace		1	1
4.	Welder		1	1
5.	Sandblaster	Micro and macro	1	1
6.	Electro – polisher		1	1
7.	Model trimmer with carborandum disc		1	1
8.	Model trimmer with diamond disc		1	1
9.	Model trimmer with double disc (one Carborandum and one diamond disc)		1	1
10.	Casting machine, motor cast with the safety door closure, gas blow torch with regulator		1	1
11.	Dewaxing furnace		1	1
	Induction casting machine with vacuum pump, capable of casting titanium chrome cobalt precision metal		1	1
12.	Spot welder with soldering, attachment of cable		1	1
13.	Steam cleaner		1	1
14.	Vacuum mixing machine		1	1
15.	Spindle grinder 24,000 ROM with vacuum suction		1	1
16.	Wax heater		2	3
17.	Wax carvers (Full PKT Set)		2	3
18.	Milling machine		1	1
19.	Stereo microscope		1	1
20.	Magnifying work lamp		1	1
21.	Heavy duty lathe with suction		1	1
22.	Preheating furnace		1	1
23.	Dry model trimmer		1	1
24.	Die cutting machine		1	2
25.	Ultrasonic cleaner		1	1
26.	Composite curing unit		1	1
Ceramic Lab Equipment				
1.	Fully programmable porcelain furnace with vacuum pump		1	1
2.	Ceramic kit (instruments)		3	3
3.	Ceramic materials (kit)		1	1
4.	Ceramic polishing kit		2	2
Implant Equipment				
1.	Electrical dental chair and unit		1	1
2.	Physio dispenser		1	1
3.	Implant kit	Minimum 2 systems	2	2
4.	Implants		10	10
5.	Prosthetic components		10	10
6.	Unit mount light cure		1	2
7.	X-ray viewer		1	2
8.	Needle destroyer		1	2
9.	Ultrasonic cleaner capacity 3.5 lts		1	1
10.	Autoclave programmable for all recommended cycles		1	2

11.	X-ray machine with RVG		1	1	
12.	Refrigerator		1	1	
13.	Surgical kit/prosthetic kit		2	2	
14.	Educating models		1	1	
15.	Implant removing instruments		1	1	

#### DEPARTMENT: PERIODONTOLOGY

S. No.	NAME	SPECIFICATION	Quantity		Availability
1.	Dental Chairs and Units	Electrically operated with shadowless lamp, spittoon, 3 way syringe, instrument tray and motorized suction, micromotor attachment with contra angle handpiece, airoter attachment, ultrasonic scaler (Piezo) with detachable autoclavable hand piece	One chair and unit per post-graduate student and Two chairs with unit for the faculty		
			1 Unit	2 Units	
2.	Autoclave (fully automatic) front loading		1	2	
3.	Steel bin		4	6	
4.	Airoter hand pieces		2	2	
5.	UV chamber		1	1	
6.	Formalin chamber		1	1	
7.	W.H.O probe		2	2	
8.	Nabers probe		2	2	
9.	Williams probe		2	2	
10.	UNC-15 probe		4	4	
11.	Gold Man fox probe		1	1	
12.	Pressure sensitive probe		1	1	
13.	Marquis color coded probe		1	1	
14.	Supra gingival scalers	set	2	2	
15.	Sub gingival scaler	set	2	2	
16.	Arkansas sharpening stone		1	1	
<b>Surgical Instruments</b>					
1.	Routine surgical instrument kit (Benquis periosteal elevator, periotome)	set	2	3	
2.	Surgery trolleys		6	6	
3.	X ray viewer		1	2	
4.	Surgical cassette with sterilisation pouches		4	6	
5.	Electro surgery unit		1	1	
<b>Special Surgical Instruments</b>					
1.	Kirkland's knife	set	1	1	
2.	Orban's knife	set	1	1	



3.	Paquette blade handle		1	1	
4.	Krane kaplan pocket marker	set	1	1	
5.	Mc Calls universal curettes	set	1	1	
6.	Gracey's curettes (No.1-18)	set	2	2	
7.	Mini five curettes	set	1	1	
8.	Cumine scalar		1	1	
9.	Mallet		1	1	
10.	Chisel		1	1	
11.	Oschenbein chisel	straight, curved	1	1	
12.	Schluger bone file		1	1	
13.	Bone fixation screw kit		1	1	
14.	Bone scrapper		1	1	
15.	Bone trephines for harvesting autografts	1 set	1	1	
16.	Bone regenerative materials	Bone graft and GTR membranes	5	5	
17.	Local drug delivery systems	At least two different agents	1 each	1	
18.	Root conditioning agent	At least two different agents	2	2	
19.	Micro needle holder		1	1	
20.	Micro scissors		1	1	
21.	Magnifying loop (2.5 – 3.5)		1	2	
22.	Operating microscope	optional	1	1	
23.	3 <sup>rd</sup> generation digital probe	optional	1	1	
24.	Bone expander and bone crester	optional	1	1	
25.	Distraction osteogenesis kit	optional	1	1	
26.	Bone mill	optional	1	1	
27.	Bone graft / membrane placement spoon		1	1	
28.	Bone condenser		1	1	
29.	Peizo-surgery unit	optional	1	1	
30.	Centrifuge for PRP/PRF preparation	optional	1	1	
31.	Soft tissue laser (8 watt)		1	1	
32.	Osteotome	set optional	1	1	
<b>MISCELLANEOUS INSTRUMENTS</b>					
1.	Composite gun with material kit		1	1	
2.	Splinting kit with material		2	3	
3.	Composite finishing kit		1	1	
4.	Glass Ionomer cement		1	1	
5.	Digital camera		1	1	
6.	Intra Oral camera		1	1	
7.	Ultrasonic cleaner		1	1	
8.	Emergency kit		1	1	
9.	Refrigerator		1	1	



10.	X-ray viewer		2	2	
11.	LCD projector		1	1	
12.	Computer with internet connection with attached printer and scanner		1	1	
13.	Implant Equipment				
14.	Electrical dental chair and unit		1	1	
	Physio dispenser		1	1	
15.	Implant kit	At least two different systems	2	2	
16.	Implants		10	10	
17.	Implant maintenance kit (plastic instruments)		1 set	1 set	
18.	Implant guide		1	1	
19.	X-ray viewer		1	2	
20.	Needle destroyer		1	2	
21.	Ultrasonic cleaner capacity 3.5 lts		1	1	
22.	Autoclave programmable for all recommended cycles		1	1	
23.	RVG with x-ray machine		1	1	
24.	Refrigerator		1	1	
25.	Surgical kit		2	2	
26.	Sinus lift kit		1	1	
27.	Educating models		1	1	
28.	Implant removing kit		1	1	

#### DEPARTMENT: ORAL & MAXILLOFACIAL SURGERY

S.No.	NAME	SPECIFICATION	Quantity		Availability
1.	Dental Chairs and Units	Electrically operated with shadowless lamp, spittoon, 3 way syringe, instrument tray and high otorized suction, with micromotor and micro motor attachment	One chair and unit per post-graduate student and Two chairs with unit for the faculty		
			1 Unit	2 Units	
2.	Autoclave	Front loading	2	3	
3.	Fumigators		1	1	
4.	Oscillating saw	With all hand pieces	1	1	
5.	<b>Surgical instruments</b> General surgery kit including tracheotomy kit Minor oral surgery kit Osteotomy kit Cleft surgery kit Bone grafting kit Emergency kit Trauma set including bone plating kit Implantology kit with implants	Minimum systems 2	2 5 1 1 1 1 2 1 2 10	2 10 1 1 1 1 2 1 2 10	

6.	Distraction osteogenesis kit		1	1	
7.	Peizo surgical unit		1	1	
8.	Magnifying loops		1	1	
9.	Operating microscope and Microsurgery kit	desirable	1	1	
10.	Dermatomes		1	1	
11.	Needle destroyer		2	3	
12.	Ultrasonic Cleaner capacity 3.5 lts		1	1	
13.	Formalin chamber		1	1	
14.	Pulse oxymeter		1	1	
15.	Ventilator		1	1	
16.	Major operation theatre with all facilities		1	1	
17.	Recovery and Intensive Care Unit with all necessary life support equipments		2 beds	2 beds	
18.	Fibrooptic light		1	1	
19.	Inpatient beds		20	20	
20.	Fiber optic laryngoscope		1	1	
21.	Computer with internet connection with attached printer and scanner		1	1	
22.	LCD projector		1	1	
23.	Refrigerator		1	1	

**DEPARTMENT : CONSERVATIVE DENTISTRY AND ENDODONTICS**

S.No.	NAME	SPECIFICATION	Quantity		Availability
1.	Dental Chairs and Units	Electrically operated with shadowless lamp, spittoon, 3 way syringe, instrument tray and motorized suction, micromotor, airtor attachment with hand pieces	One chair & unit per post-graduate student and two chairs with unit for the faculty		
			<b>1 Unit</b>	<b>2 Units</b>	
2.	ENDOSONIC HANDPIECES – Micro endosonic Tips, retro treatment		2	3	
3.	Mechanised rotary instruments including hand pieces (speed and torque control) and hand instruments various systems		3	6	
4.	Rubber dam kit		1 per chair	1 per chair	
5.	Autoclaves for bulk instrument sterilization vacuum (Front loading)		2	3	
6.	Autoclaves for hand piece sterilization		1	1	
7.	Apex locators one for every two chairs		2	4	

8.	Pulp tester		2	4	
9.	Equipments for injectable thermoplasticized gutta percha		1	2	
10.	Operating microscopes 3 step or 5 step magnification		1	1	
11.	Surgical endo kits (Microsurgery)		2	2	
12.	Set of hand instruments (specifications required)		1	2	
13.	Sterilizer trays for autoclave		4	4	
14.	Ultrasonic cleaner capacity 3.5 lts		1	1	
15.	Variable Intensity polymerization equipments - VLC units	Desirable	1	1	
16.	Conventional VLC units one for every two chairs		2	4	
17.	Needle destroyer		2	2	
18.	Magnifying loupes one for students and one for faculty		1	2	
19.	LCD projector		1	1	
20.	Composite kits with different shades and polishing kits		2	4	
21.	Ceramic finishing kits, metal finishing kits	In ceramic labs	2	3	
22.	Amalgam finishing kits		2	3	
23.	RVG with x-ray machine developing kit		1	1	
24.	Chair side micro abrasion		1	1	
25.	Bleaching unit		1	1	
26.	Instrument retrieval kits		1	1	
27.	Computer with internet connection with attached printer and scanner		1	1	
28.	Refrigerator		1	1	
29.	Equipments for casting procedures				
30.	Equipments for ceramics including induction casting machines/ burnout preheat furnaces/ wax elimination furnaces		1	1	
31.	Lab micro motor/ metal grinders / sand blasters/ polishing lathes/ duplicator equipment/ vacuum investment equipments		1	1	
32.	Laser (preferably hard tissue)		1	1	
33.	Face bow with semi adjustable articulator		1	2	

**DEPARTMENT : ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS**

S. No.	NAME	SPECIFICATION	Quantity	Availability
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1.	Dental Chairs and Unit	Electrically operated with shadow less lamp, spittoon, 3 way syringe, instrument tray and motorized suction	One chair & unit per PG student and Two chairs with unit for the faculty		
2.			1 Unit	2 Units	
3.	Vacuum /pressure moulding unit		1	1	
4.	Hydrogen soldering unit		1	1	
5.	Lab micromotor		3	5	
6.	Spot welders		3	5	
7.	Model trimmer (Double disc)		2	3	
8.	Light curing unit		2	2	
9.	High intensity light curing unit		1	2	
10.	Polishing lathes		2	3	
11.	Tracing tables		3	5	
12.	SLR digital camera		1	1	
13.	Scanner with transparency adapter		1	1	
14.	X-ray viewer		3	4	
15.	LCD projector		1	1	
16.	Autoclaves for bulk instrument Sterilization vacuum (Front loading)		1	1	
17.	Needle destroyer		1	1	
18.	Dry heat sterilizer		1	1	
19.	Ultrasonic scaler		1	1	
20.	Sets of Orthodontic pliers		3	3	
21.	Orthodontic impression trays		3	5	
22.	Ultrasonic cleaner capacity 3.5 lts		1	1	
23.	Electropolisher		1	1	
24.	Typodonts with full teeth set		3	3	
25.	Anatomical articulator with face bow attachments		1	1	
26.	Free plane articulators		1	1	
27.	Hinge articulators		4	4	
28.	Computer software for cephalometrics		1	1	
29.	Computer with internet connection with attached printer and scanner		1	1	
30.	Refrigerator		1	1	

**DEPARTMENT: ORAL & MAXILLOFACIAL PATHOLOGY AND ORAL MICROBIOLOGY**

S. No.	NAME	SPECIFICATION	Quantity		Availability
1.			1 Unit	2 Units	



2.	Dental Chairs and Units	Electrically operated with shadow less lamp, spittoon, 3 way syringe, instrument tray and suction	3	6	
2.	Adequate laboratory glassware's as required for processing of biopsy specimens and staining.	Reasonable quantity should be made available			
3.	Adequate tissue capsules / tissue embedding cassettes	Reasonable quantity should be made available			
4.	Paraffin wax bath	thermostatically controlled	1	1	
5.	Leuckhart pieces		10	10	
6.	Block holders		25	25	
7.	Microtome	Manual	1	1	
8.	Microtome	semi – automated	1	1	
9.	Tissue floatation water bath	thermostatically controlled	1	1	
10.	Slide warming table		1	1	
11.	Steel slide racks for staining		5	5	
12.	Diamond glass marker		2	2	
13.	Research microscope with phase contrast, dark field, polarization, image analyzer , photomicrography attachments		1	1	
14.	Multi head microscope	Penta headed	1	1	
15.	Binocular compound microscope		2 for faculty and one per student	4 for faculty and one per student	
16.	Stereo microscope		1	1	
17.	Aluminum slide trays		5	5	
18.	Wooden / plastic slide boxes		5	5	
19.	Wax block storing cabinet		5,000 capacity	10,000 capacity	
20.	Slide storing cabinet		5,000 capacity	10,000 capacity	
21.	Refrigerator		1	1	
22.	Pipettes		5	5	
23.	Surgical kit for biopsy		3	6	
24.	Immuno histo chemistry lab		1	1	
25.	Computer with Internet Connection with attached printer and scanner		1	1	
26.	LCD projector		1	1	
27.	<b>Desirable Equipment</b>				
28.	Cryostat		1	1	
29.	Fluorescent microscope		1	1	

30.	Hard tissue microtome		1	1	
31.	Tissue storing cabinet (frozen)		1	1	
32.	Microwave		1	1	

**DEPARTMENT : PUBLIC HEALTH DENTISTRY**

S. No.	NAME	SPECIFICATION	Quantity	Availability	
	<b>Instruments in the department for comprehensive Oral health care programme</b>				
1.	Dental chairs	Electrically operated with shadowless lamp, spittoon, 3 way syringe, instrument tray and motorized suction, micromotor attachment with contra angle handpiece, airoter attachment, ultrasonic scaler (Piezo) with detachable autoclavable hand piece with min 3 tips.	One chair and unit per post-graduate student and one chair with unit for the faculty		
2.			<b>1 Unit</b>	<b>2 Units</b>	
3.	Extraction forceps		4 sets	6 sets	
4.	Filling instruments		4 sets	6 sets	
5.	Scaling instruments	Supra gingival scaling	4 sets	6 sets	
6.	Amalgamator		1	1	
7.	Pulp tester		1	1	
8.	Autoclave		1	1	
9.	X-ray viewer		1	1	
10.	Instrument cabinet		1	1	
11.	LCD or DLP multimedia projector		1	1	
12.	Computer with internet connection with attached printer and scanner		1	1	
13.	<b>For peripheral dental care or field programme</b>				
14.	Staff bus		1	1	
15.	Mobile dental clinic fitted with at least 2 dental chairs with complete dental unit with fire extinguisher		1	1	
16.	Ultrasonic scaler,		1	2	
17.	Ultrasonic cleaner capacity 3.5 lts		1	1	
18.	Compressor	One with chair			
19.	Generator		1	1	
20.	Public address system,		1	1	

	audio-visual aids				
21.	Television		1	1	
22.	Digital Versatile Disc Player		1	1	
23.	Instrument cabinet, emergency medicine kits, Blood pressure apparatus		1	1	
24.	Portable oxygen cylinder		1	1	
25.	Portable chair		1	1	
26.	Refrigerator		1	1	

**DEPARTMENT : PAEDODONTICS AND PREVENTIVE DENTISTRY**

S. No.	NAME	SPECIFICATION	Quantity		Availability
1.	Dental Chairs and Units	Electrically operated with shadowless lamp, spittoon, 3 way syringe, and motorised suction, micromotor attachment with contra angle miniature handpiece, airtor attachment with miniature handpiece, dental operator stool (40% dental chairs shall be pedo chairs)	One chair and unit per post-graduate student and Two chairs with unit for the faculty		
2.			1 Unit	2 Units	
3.	Pedo extraction forceps sets		3	4	
4.	Autoclaves for bulk instrument sterilization vacuum (Front loading)		1	2	
5.	RVG with intra oral x-ray unit		1	1	
6.	Automatic developer		1	1	
7.	Pulp tester		2	3	
8.	Apex locator		1	1	
9.	Rubber dam kit	One set per student	1	1	
10.	Injectable GP condenser		1	1	
11.	Endodontic pressure syringe		1	1	
12.	Glass bead steriliser		2	4	
13.	Spot welder		2	3	
14.	Ultrasonic scalers		2	4	
15.	Needle destroyer		1	1	
16.	Formalin chamber		1	1	
17.	Ultrasonic cleaner capacity 3.5 lts		1	1	
18.	X-ray viewer		2	3	
19.	Amalgamator		1	2	
20.	Plaster dispenser		2	2	
21.	Dental lathe		1	2	
22.	Vibrator		2	3	

23.	Typodonts	One set per student	1	1	
24.	Soldering unit		1	1	
25.	Band pinching beak pliers		2 Sets	2 Sets	
26.	Proximal contouring pliers		2	3	
27.	Crown crimping pliers		2	3	
28.	Double beak pliers anterior and posterior		2	3	
29.	Lab micro motor		2	3	
30.	Acryliser		1	2	
31.	Magnifying loupes		1	1	
32.	Conscious sedation unit	Desirable	1	1	
33.	Pulse oxymeter		1	1	
34.	Phantom head table with attached Light, Airtor and micro motor	One set per each P.G. Student	1	1	
35.	Computer with internet connection with attached printer and scanner		1	1	
36.	LCD projector		1	1	
37.	Refrigerator		1	1	

**DEPARTMENT: ORAL MEDICINE AND RADIOLOGY**

S. No.	NAME	SPECIFICATION	Quantity		Availability
1.	Dental Chairs and Units	Electrically operated with shadowless lamp, spittoon, 3 way syringe, instrument tray and suction	One chair and unit per post-graduate student and one chair with unit for the faculty		
2.			1 Unit	2 Units	
3.	RVG with intra oral radiography machine (FDA Approved)	55-70 kVp with digital compatibility	1	1	
4.	Extra oral radiography machine	100 kvp	1	1	
5.	Panoramic radiography (OPG) machine with cephalometric and TMJ attachment with printer	Digital compatibility	1	1	
	Intra-oral camera		1	2	
	Pulp tester		2	4	
	Autoclave		1	1	
	Punch biopsy tool		2	3	
	Biopsy equipment		1	2	
	Surgical trolley		2	2	
	Emergency medicines kit		1	1	
	Extra oral cassettes with intensifying screens (Conventional and rare earth)		4	6	
	Lead screens		2	2	
	Lead aprons		2	2	
	Lead gloves		2	2	
	Radiographic filters (Conventional and rare earth)		1	1	



	earth)				
	Dark room with safe light facility		1	1	
	Automatic radiographic film processors		2	2	
	Radiographic film storage lead containers		1	1	
	Thyroid collars		1	1	
	Digital sphygmomanometer		1	1	
	Digital blood glucose tester		1	1	
	Digital camera		1	1	
	X-ray viewer boxes		2	3	
	Lacrima probes		2 sets	2 Sets	
	Sialography cannula		2 sets	2 Sets	
	Illuminated mouth mirror and probe		2	2	
	Computer with internet connection with attached printer and scanner		1	1	
	LCD projector		1	1	
	Refrigerator		1	1	

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**SCHEDULE-VIII**  
(See regulation 28)

**CLINICAL MATERIAL**

**FOR COLLEGES WITH 50 UG ADMISSIONS**  
**Minimum Requirement (both UG & PG together)**

**Conservative Dentistry and Endodontics**

Unit	Starting MDS	1 <sup>st</sup> Renewal	2 <sup>nd</sup> & 3 <sup>rd</sup> Renewal	Recognition
1 <sup>st</sup> Unit	35	40	50	50
2 <sup>nd</sup> Unit	60	70	80	80

**Oral Medicine & Radiology**

Unit	Starting MDS	1 <sup>st</sup> Renewal	2 <sup>nd</sup> & 3 <sup>rd</sup> Renewal	Recognition
1 <sup>st</sup> Unit	75	80	90	100
2 <sup>nd</sup> Unit	110	120	130	130

**Oral & Maxillofacial Surgery**

Unit	Starting MDS	1 <sup>st</sup> Renewal	2 <sup>nd</sup> & 3 <sup>rd</sup> Renewal	Recognition
1 <sup>st</sup> Unit	30 (1+4)	35 (1+8)	40 (2+10)	40 (2+10)
2 <sup>nd</sup> Unit	50 (2+12)	60 (2+14)	70 (2+16)	70 (2+16)

The average of Major Surgeries + Minor Surgeries per week are mentioned above in the brackets

**Oral & Maxillofacial Pathology and Oral Microbiology**

Unit	Starting MDS	2 <sup>nd</sup> Renewal	3 <sup>rd</sup> & 4 <sup>th</sup> Renewal	Recognition
1 <sup>st</sup> Unit	1+2+3	1+3+3	1+3+5	1+3+5
2 <sup>nd</sup> Unit	2+4+6	2+5+8	2+6+10	2+6+10

\* (Biopsy + Cytology + Hematology per week)

**Orthodontics & Dentofacial Orthopedics**

Unit	Starting MDS	2 <sup>nd</sup> Renewal	3 <sup>rd</sup> & 4 <sup>th</sup> Renewal	Recognition
1 <sup>st</sup> Unit	15	20	25	25

2 <sup>nd</sup> Unit	30	35	40	40
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#### Pediatric Dentistry

Unit	Starting MDS	2 <sup>nd</sup> Renewal	3 <sup>rd</sup> & 4 <sup>th</sup> Renewal	Recognition
1 <sup>st</sup> Unit	20	25	30	30
2 <sup>nd</sup> Unit	35	40	45	45

#### Periodontology

Unit	Starting MDS	2 <sup>nd</sup> Renewal	3 <sup>rd</sup> & 4 <sup>th</sup> Renewal	Recognition
1 <sup>st</sup> Unit	30	35	40	40
2 <sup>nd</sup> Unit	50	60	70	70

#### Prosthodontics and Crown & Bridge

Unit	Starting MDS	2 <sup>nd</sup> Renewal	3 <sup>rd</sup> & 4 <sup>th</sup> Renewal	Recognition
1 <sup>st</sup> Unit	20	25	30	30
2 <sup>nd</sup> Unit	35	40	50	50

#### Public Health Dentistry (including Patients in Satellite Clinics)

Unit	Starting MDS	2 <sup>nd</sup> Renewal	3 <sup>rd</sup> & 4 <sup>th</sup> Renewal	Recognition
1 <sup>st</sup> Unit	30	35	40	40
2 <sup>nd</sup> Unit	50	55	60	60

**FOR COLLEGES WITH 100 UG ADMISSIONS:**  
Minimum Requirement (both UG & PG together)

#### Conservative Dentistry and Endodontics

Unit	Starting MDS	2 <sup>nd</sup> Renewal	3 <sup>rd</sup> & 4 <sup>th</sup> Renewal	Recognition
1 <sup>st</sup> Unit	50	60	70	70
2 <sup>nd</sup> Unit	80	90	100	100

#### Oral Medicine & Radiology

Unit	Starting MDS	2 <sup>nd</sup> Renewal	3 <sup>rd</sup> & 4 <sup>th</sup> Renewal	Recognition
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1 <sup>st</sup> Unit	100	120	140	150
2 <sup>nd</sup> Unit	160	170	180	180

### Oral & Maxillofacial Surgery

Unit	Starting MDS	2 <sup>nd</sup> Renewal	3 <sup>rd</sup> & 4 <sup>th</sup> Renewal	Recognition
1 <sup>st</sup> Unit	40 (1+4)	50 (1+8)	60 (2+10)	60 (2+10)
2 <sup>nd</sup> Unit	70 (2+12)	80 (2+14)	100 (2+16)	100 (2+16)

The average of Major Surgeries + Minor Surgeries per week are mentioned above in the brackets()

### Oral & Maxillofacial Pathology and Oral Microbiology

Unit	Starting MDS	2 <sup>nd</sup> Renewal	3 <sup>rd</sup> & 4 <sup>th</sup> Renewal	Recognition
1 <sup>st</sup> Unit	1+3+5	1+6+5	2+6+10	2+6+10
2 <sup>nd</sup> Unit	3+6+12	3+7+12	3+7+14	3+7+14

\* (Biopsy + Cytology + Hematology per week)

### Orthodontics & Dentofacial Orthopedics

Unit	Starting MDS	2 <sup>nd</sup> Renewal	3 <sup>rd</sup> & 4 <sup>th</sup> Renewal	Recognition
1 <sup>st</sup> Unit	20	25	30	30
2 <sup>nd</sup> Unit	40	45	50	50

### Pediatric Dentistry

Unit	Starting MDS	2 <sup>nd</sup> Renewal	3 <sup>rd</sup> & 4 <sup>th</sup> Renewal	Recognition
1 <sup>st</sup> Unit	30	35	40	40
2 <sup>nd</sup> Unit	50	55	60	60

### Periodontology

Unit	Starting MDS	2 <sup>nd</sup> Renewal	3 <sup>rd</sup> & 4 <sup>th</sup> Renewal	Recognition
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1 <sup>st</sup> Unit	40	50	60	60
2 <sup>nd</sup> Unit	80	90	100	100

**Prosthodontics and Crown & Bridge**

Unit	Starting MDS	2 <sup>nd</sup> Renewal	3 <sup>rd</sup> & 4 <sup>th</sup> Renewal	Recognition
1 <sup>st</sup> Unit	30	35	40	40
2 <sup>nd</sup> Unit	50	55	60	60

**Public Health Dentistry (including Patients in Satellite Clinics)**

Unit	Starting MDS	2 <sup>nd</sup> Renewal	3 <sup>rd</sup> & 4 <sup>th</sup> Renewal	Recognition
1 <sup>st</sup> Unit	40	45	50	50
2 <sup>nd</sup> Unit	60	65	70	70

**LOG BOOK**

**TABLE 1**

**ACADEMIC ACTIVITIES ATTENDED**

Name :

Admission Year:

College :

Date	Type of activity (Specify Seminar, Journal club, presentation, under-graduate teaching)	Particulars

**TABLE 2**

**ACADEMIC PRESENTATIONS MADE BY THE TRAINEE**

Name :

Admission Year:

College :

Date	Topic	Type of activity (Specify Seminar, Journal club, presentation, under-graduate teaching)

**TABLE 3**

**DIAGNOSTIC AND OPERATIVE PROCEDURES PERFORMED**

Name:

Admission Year:

College:

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Date	Name	OP No	Procedure	Category O, A, PA, PI

**Key:**

O-Washed up and observed-Initial six months of admission

A-Assisted senior surgeon-I year MDS

PA- Performed procedure under the direct supervision of a senior surgeon-II year MDs

PI-Performed independently -III year MDS

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