REGULATIONS GOVERNING THE DEGREE OF BACHELOR OF ARCHITECTURE (B. Arch)

FACULTIES:

Ar. Fathima S | Ar. Neha Sahay | Ar. Kusumanjali S

ANRVSA

KEYWORDS

ACHARYA
BENGALURU, INDIA

DEFINITIONS

PROGRAM

BRANCH

SEMESTER

ACADEMIC YEAR

COURSE

CREDIT

AUDIT COURSE

CHOICE BASED CREDIT SYSTEM (CBCS)

COURSE REGISTRATION

ACHARYA
BENGALURU, INDIA

KEYWORDS

DEFINITIONS

COURSE EVALUATION

PROGRESS EVALUATION (CIE)

PROGRESS EVALUATION

SEMESTER END EXAMINATION (SEE)

FIRST ATTEMPT

CREDIT BASED SYSTEM (CBS)

CREDIT COURSES

LETTER GRADE

GRADING

DEFINITIONS

VTU 2021 B.ARCH REGULATION

KEYWORDS

GRADE POINT (GP)

Letter Grade	O	A+	A	B+	B	C	P	F
	Outstanding	Excellent	Very Good	Good	Above Average	Average	Pass	Fail
Grade Point	10	9	8	7	6	5	4	0
% of Marks secured	90-100	80-89	70-79	60-69	55-59	51-54	50	0-49

Letter Grade and corresponding Grade Points on a typical 10 – Point scale

PASSING STANDARDS

CREDIT POINTS

SEMESTER GRADE POINT AVERAGE (SGPA)

CUMULATIVE GRADE POINT AVERAGE (CGPA)

TRANSCRIPT / GRADE CARD / CERTIFICATE

UNIVERSITY

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21OBA1.0
DURATION &
ELIGIBILITY

MAXIMUM DURATION OF PROGRAM COMPLETION:

21OBA1.5	**Maximum Duration for Program Completion:**
	(a) Students admitted to I year B. Arch shall complete the program within a period of ten academic years from the date of first admission, failing which they have to discontinue the Course.
	(b) A student who has not obtained the eligibility for III semester even after three academic years from the date of admission to I semester shall discontinue the Program or get readmitted to I semester of first year B. Arch. with a new University Seat Number but retaining the same year of admission.

Eligibility for Admission (As per the Government orders issued from time to time)

Admission to the first year of the course shall be open to the students,
(a) Who have passed the two-year Pre-University examination conducted by the Karnataka State Pre-University Board with Mathematics as a subject of study; or
(b) Who have passed 10+2 of the Central Board of Secondary Education (CBSE) or equivalent with Mathematics as a subject of study; or
(c) who possess Three-Year Diploma in Architecture or any stream of Engineering recognized by Government of Karnataka, or any other State Government or Central Government or any other Diploma qualification considered equivalent there to by this University;

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**21OBA3.1
COURSES**

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**SYLLABUS
OF
B.ARCH**

ARCHITECTURE COURSES

ART COURSES

ENGINEERING COURSES

HUMANITY COURSES

ELECTIVE COURSES

STUDY TOUR

PROFESSIONAL TRAINING

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21OBA3.1
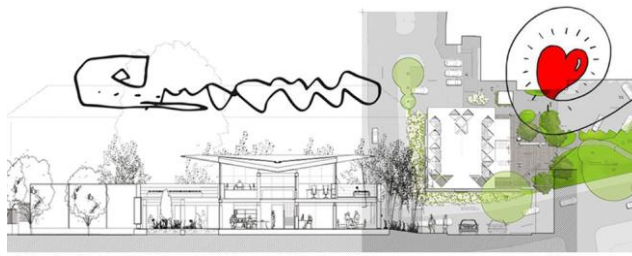
Architectural Design

Theory Of Design
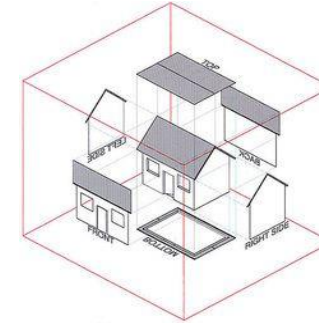
Architectural Graphics

Climatology

Working Drawing
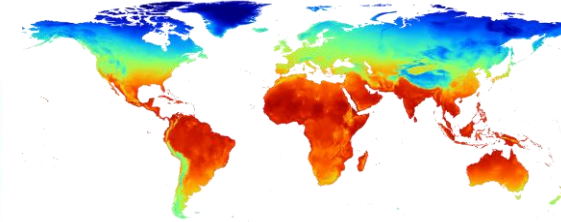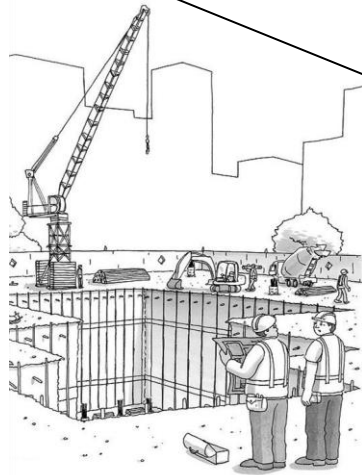
Methods & Materials in Building Construction

ARCHITECTURE COURSES

Interior Design

Building Services

History Of Architecture

Landscape Architecture

Thesis

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21OBA3.1

Basic Design

ART COURSES

Visual Arts

Building Structures

ENGINEERING COURSES

Estimation & Costing
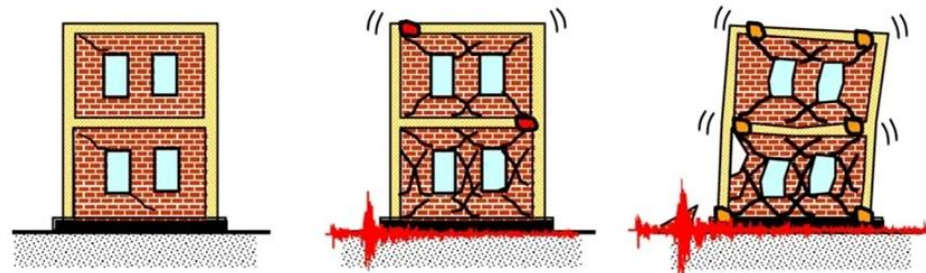
Earthquake Resistant Structures

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21OBA3.0
(21OBA3.1
to
21OBA3.3)

HUMANITY COURSES

Visual Communication

Constitutional Law

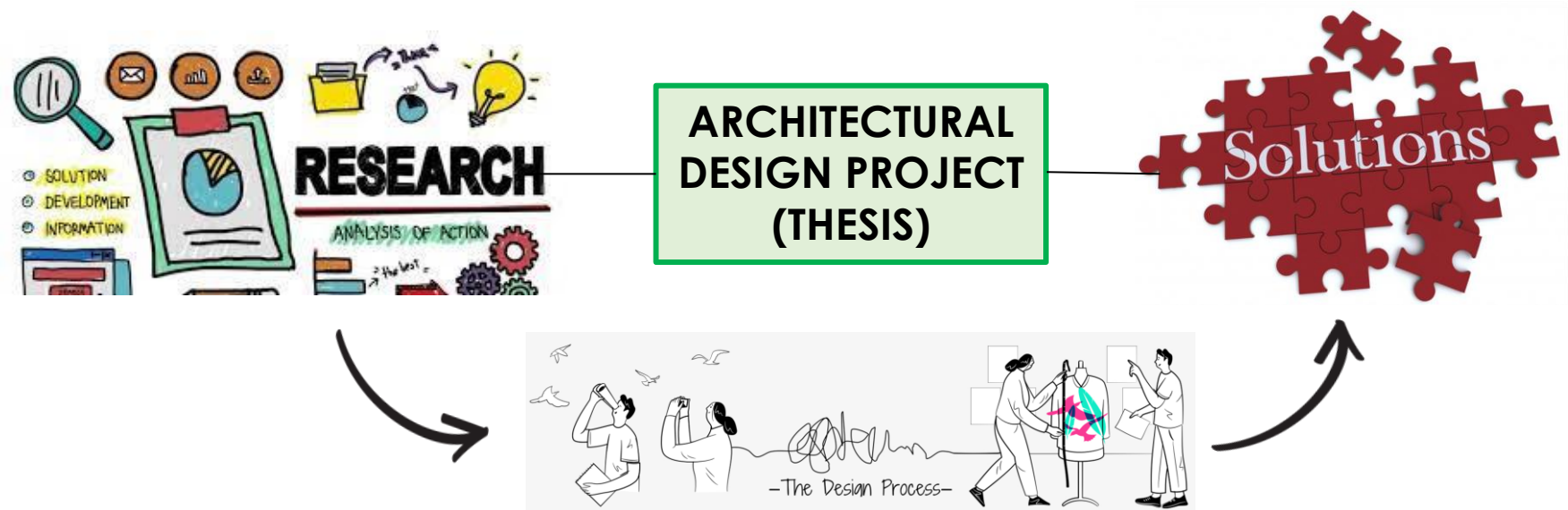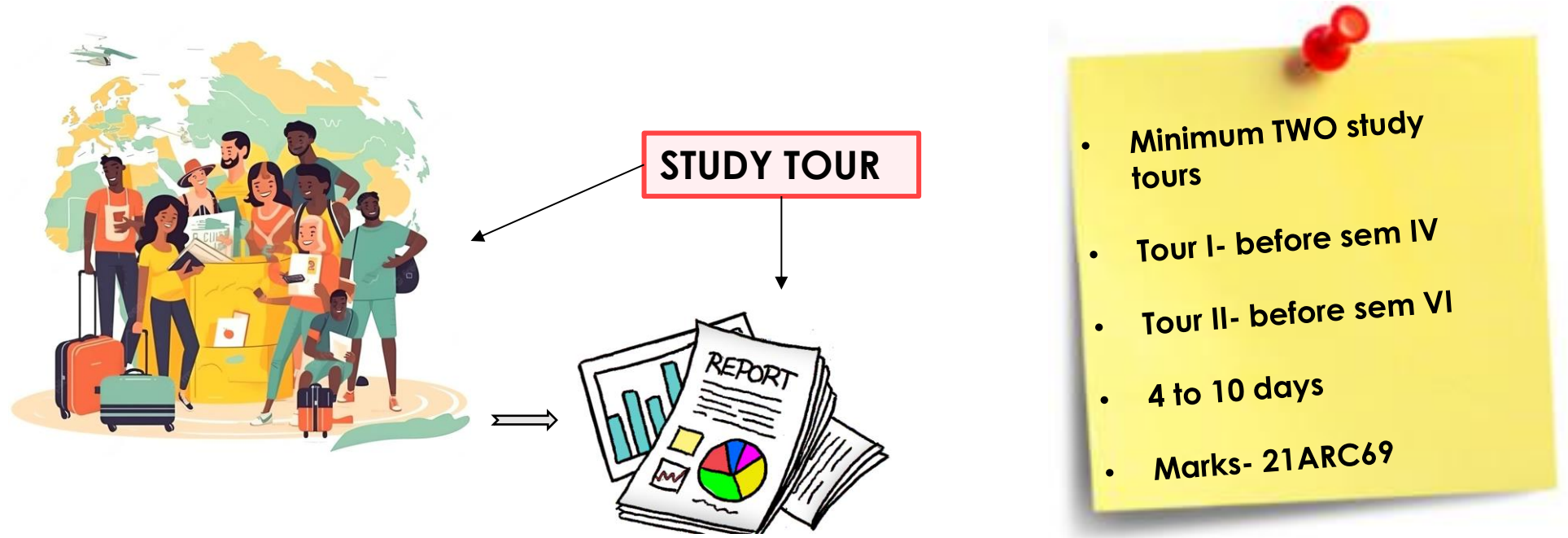Sociology

ELECTIVE COURSES

- Choose from given options
- Minimum 10 students
- Opt for change within 15 days

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21OBA4.1-
21OBA4.9

STUDY TOUR

REPORT

- Minimum TWO study tours
- Tour I- before sem IV
- Tour II- before sem VI
- 4 to 10 days
- Marks- 21ARC69

RESEARCH
ANALYSIS OF ACTION

ARCHITECTURAL DESIGN PROJECT (THESIS)

Solutions

—The Design Process—

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21OBA4.2 to 21OBA4.8

India/ Abroad
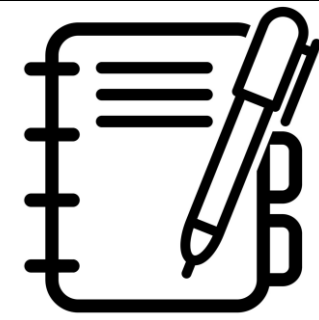
Single Organization only

Council of Architecture

Local Affiliating Body Of Architects

8th Sem

PROFESSIONAL TRAINING

16 WEEKS

- if 16 weeks- not completed- considered FAIL
- Not eligible for sem IX
- Training-to be repeated

Logbook

Completion certificate

PORTFOLIO

Report/ Portfolio

(To be signed by Principal Architect)

External Examination

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21OBA8.1 to 21OBA8.4

MINIMUM 85%

IN ALL SUBJECTS

(If not)

- Not permitted- SEE (semester End Examination)
- Obtain permission from Registrar, VTU- Readmission

Mentor/ Proctor to Parents
Monthly Meeting:
- **Academic performance**
- **Attendance Review**

ATTENDANCE

10%

- Medical
- Participation in NSS/NCC/ Red Cross/ National level Parade/ Sports/ Culturals/ Seminars/ Workshops/ Paper Presentation
- Relevant documents to be submitted

**SGPA
CGPA**

SEMESTER GRADE POINT AVERAGE

CUMULATIVE GRADE POINT AVERAGE

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21OBA5.1
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SEM I ⟶ SGPA

SEM II to SEM X ⟶ SGPA and CGPA

What is GRADE POINT?
GRADE POINTS- Refers to a numerical weightage allotted to each letter grade on a 10-point scale as under

Letter Grade and corresponding Grade Points on a typical 10 – Point scale								
Letter Grade	O	A+	A	B+	B	C	P	F
	Outstanding	Excellent	Very Good	Good	Above Average	Average	Pass	Fail
Grade Point	10	9	8	7	6	5	4	0
% of Marks secured	90-100	80-89	70-79	60-69	55-59	51-54	50	0-49

$$SGPA = \frac{\sum[CourseCredits \times Grade\ Points]\ for\ all\ the\ Courses\ in\ that\ Semester}{\sum[CourseCredits]\ for\ all\ the\ Courses\ in\ that\ Semester}$$

Illustration

21OBA5.1

Subject	Course Credit	Max. CIE	Max. SEE	Total =CIE+SEE	Marks Obtained	Percentage Obtained	Letter Grade	Grade Point	Course credit X Grade point
AD II	7	100	100	200	150	75	A	8	56
BDTD	5	50	50	100	80	80	A+	9	45
MMBC II	4	50	50	100	63	63	B+	7	28
AG II	4	50	50	100	53	53	C	5	20
HOA II	3	50	50	100	48	48	F	0	0
BS I	3	50	50	100	31	31	F	0	0
Site Surveying	2	50	50	100	88	88	A+	9	18
Professional Writing	2	50	50	100	53	58	B	6	12
SFH	1	50	50	100	25	25	F	0	0
TOTAL COURSE CREDITS(A)	31						Total of (Course credit x Grade points) (B)		179
		SGPA	=B/A	=5.55					

$$CGPA = \frac{\sum[\textit{Course Credits} \times \textit{Grade Points}]\textit{for all Courses excluding those with F grades until that Semester}}{\sum[\textit{Course Credits}]\textit{for all Courses excluding those with F grades until that semester}}$$

$= \dfrac{\textit{Sum of (total course credit for each semester x SGPA for each sem)}}{\textit{sum of course credit for all courses excluding F grades till that sem}}$

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21OBA5.1

For Completion of B. ARCH-
Total Credits to be earned =270

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21OBA5.2

Sl. No.	Course Code	Title of the Course Registered	Credits Assigned	Credits Earned (C)	Letter Grade	Grade Point (G)
		IV Semester				
1	18ARC41	Architectural Design- IV	9	0	F	0
2	18ARC42	Materials & Methods in Bldg. Construction-IV	5	5	E	4
3	18ARC43	Building Services - I	2	2	E	4
4	18ARC44	History of Architecture - IV	3	3	E	4
5	18ENG45	Building Structures - IV	2	2	E	4
6	18ARC46	Theory of Architecture - II	3	3	E	4
7	18ARC47	Computer Applications in Architecture - II	2	2	D	6
8	18ARC48B	Product Design	2	2	D	6
		III Semester				
9	18ARC31*	Architectural Design - III	9	0	F	0
10	18ARC32*	Materials & Methods in Building Construc.III	5	0	F	0
		II Semester				
11	18ARC21*	Architectural Design -II	9	9	D	6
12	18ARC22*	Materials & Methods in Building Cnstrtion.II	5	5	E	4
		I Semester				
13	18ARC11*	Architectural Design -I	9	0	F	0

Credits Registered	Credits Earned	Cumulative Credits Earned	$\Sigma(C_i \times G_i)$	SGPA	CGPA
65	33	83	158	2.43	5.78

C — 65
B — 83
A — 158

$$SGPA = \frac{A}{C}$$

CGPA = <u>Sum of A till the latest semester</u>
B as mentioned in the latest marks sheet

21OBA6.1-6.2

The formula for the conversion of CGPA into percentage is given below:

Percentage of marks secured,
P = [CGPA Earned] × 10

Illustration for a CGPA of 8.20:
P=[CGPA Earned 8.2] × 10 = 82.0%

Subsequent to the conversion of the final CGPA, after successful completion of the program, into the percentage of marks(P), a graduating student is reckoned to have passed in

1. First Class with Distinction (FCD) if P ≥ 70%

2. First Class (FC) if P≥ 60% but <70% and

3. Second Class (SC)if P<60% but >50%

Progressive Evaluation and Semester End Examination

Progressive Marks- CIE (Continuous Internal Evaluation)- 50% of the maximum marks

**Theory courses - Total of IA Tests + Assignments
Studio Courses- Reviews + Drawings/sheets
Lab and Electives - IA submissions + Intermediate Evaluation
Thesis- IA Reviews +MOCK Jury + Portfolio Submission**

Not eligible for appearing in SEE(Semester End Examinations) of that course if CIE<50%
Such Student can register for improvement of CIE marks in the subsequent semester when that subject is offered.

**ODD Semester subject only in subsequent ODD Semester
EVEN Semester subject only in subsequent EVEN Semester**

The Progressive evaluation criteria must be satisfied for all such subjects as well(Backlog subjects with less than 50% CIE)

SEE eligibility criteria- Regular Subjects

**More than 85% attendance & more than 50% CIE - Eligible to appear in SEE
More than 85% attendance & less than 50% CIE - Not Eligible to appear in SEE
Less than 85% attendance & less than 50% CIE- Not Eligible to appear in SEE**

SEE eligibility criteria-Arrear Subjects

**CIE less than 50%- Must fulfill evaluation criteria during the subsequent semester when the course is offered to be eligible for SEE
CIE +SEE = less than 50%- FAIL- Must appear for SEE again**

VIVA VOCE EXAMS

VIVA Exams-   Student Jury -   1 internal+1 external Examiner
TERM WORK- Evaluation of portfolio in absence of examiner-   1 internal+1 external Examiner
THESIS- Student Jury -   1 internal+2 external Examiner

REJECTION OF RESULTS OPTION TO STUDENTS-

Can be exercised only once during the entire duration of the Programme

Student may choose to reject the Total performance of the whole semester- CIE & SEE

Such student must take readmission during the subsequent academic years to complete the course.

Student may choose to reject only the SEE marks of the ODD semester-
They may still take admission in the next even semester.

Student may choose to reject only the SEE marks of the EVEN semester-
They may still take admission in the next odd semester except in case of 2nd sem

Students who opt for rejection of results of University examination are eligible for the award of degree, but are not eligible for the award of ranks.

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21OBA9.0-9.2
COURSES

VERTICAL PROGRESSION
(Promotion/ Eligibility to Higher Semesters)

1st Year Students (Applicable only for a max. 10 year duration):
- Min. Attendance & CIE ⟶   **Appear for**
  SEE (1st year courses) ⟶
- Max. 4 'F-Grades' in 1st year ⟶   **Promotion to 2nd year (NE = F)**
- No min. Attendance/CIE   **Repeat course**

2nd Year Students onwards (from 3rd semester):
- Min. Attendance & No CIE ⟶   **Get min. CIE in the**
  subsequent sem. ⟶
- Obtain min. CIE for each course ⟶   **Mandatory**
- Not obtained min. CIE   **NE for SEE (for that**

Carry over of Backlog courses (from 3rd semester onwards):
- Min. Attendance & CIE ⟶   **Appear for SEE**
- 'F-Grade' (any no. of subjects) ⟶   **Promoted to next sem.**
  (odd/even)
- For Degree Award
  - pass all courses
  - earn prescribed credits
  - finish within max. permitted duration
- For admission to 5th year (9th semester), no courses of 1st year (1st or 2nd semester) should be pending

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**21OBA9.3-9.5
COURSES**

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VERTICAL PROGRESSION
(Promotion/ Eligibility to Higher Semesters)

From 2nd Year onwards:
- **No Min. Attendance (in 1 or more courses)** ⟶ **Promotion to subsequent semester (without restriction,)**
- **No min. attendance** ⟶ **NE for SEE (in that particular course, repeat course whenever offered next)**

Permitted max. credits for Registration:
- **Student permitted to register for total courses** ⟶ **Not to exceed 28 credits**
- **28 credits to include** ⟶ **regular sem. courses + backlogs (if more than 28 credits, repeat, when offered next)**

Successive Failures:
- **Course not cleared in 4 attempts** ⟶ **Course deemed to be exempted for that student** **Student can choose a course (of choice), with same no. of credits (from the pool of courses, as suggested by BOS)**
- **Provisional option for only 2 courses, at a time, during the entire course.**
- **Student can opt for change, else continue to appear for SEE of the same.**

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**21OBA9.6-9.7
COURSES**

VERTICAL PROGRESSION
(Promotion/ Eligibility to Higher Semesters)

Readmission (max. 10 year duration):
- **Only on request through Principal (not student's right), no benefits can be claimed on basis of readmission**
- **Student must attend & Complete all remaining semesters of the program, adhering to the regulations of the prevailing scheme & or any other additional courses as recommended by BOS/ equivalence committee.**
- **Not eligible for ranks**
- **Not a fresh admission, so same USN (allotted earlier to be continued). Duration also calculated from the date of first admission**

Permitted max. credits for registration:
- **As briefed earlier, max. 28 credits, including both regular and backlogs courses, paying prescribed University fees**
- **Students who have temporarily discontinued the course, changed the scheme of study or transferred with credits from autonomous/ non autonomous constituent/ affiliated college of VTU, will be eligible for award of degree, provided credits earned are equal to or greater than prescribed**
- **If the estimated credits are less than prescribed, student should register for extra course to make up**
- **any difficulty, Vice Chancellor's decision will be final**

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21OBA10
COURSES

AWARD OF DEGREE

Award of Degree
- **Completed the course, stipulated coursework of all semesters, scheme of examinations and min. required credits**
- **Non Compliance of CGPA (min. 5, at the end of the program)**
  - **completed all courses, but no min. CGPA, NE for award of Degree (reappear in SEE of courses, other than Training & Thesis, without rejection of progressive evaluation marks, any no. of times, within the max. duration of the program (improved grades can be considered for calculation)**
  - **if the student earns 'F-Grade', then previously earned grades will be retained & Students to obtain written permission from Registrar Evaluation, to reappear in SEE to make up the CGPA, so that it is equal or greater than 5.00**

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**21OBA11
COURSES**

TEMPORARY DISCONTINUATION/ BREAK IN THE PROGRAM

- As per clauses, listed earlier, readmission can be permitted, as per decision of BOS/ equivalence committee, to establish equivalence between the prior scheme and currently prevalent.
- SGPA and CGPA will be decided, based on individual cases
- NE for award of Ranks
- Grade Card will be issued to this effect
- Additional Courses will not be considered for eligibility criteria for promotion, but to be completed, to consider for award of degree
- No. of courses to be completed, should be equal to or more than min. credits to be earned, for award of degree

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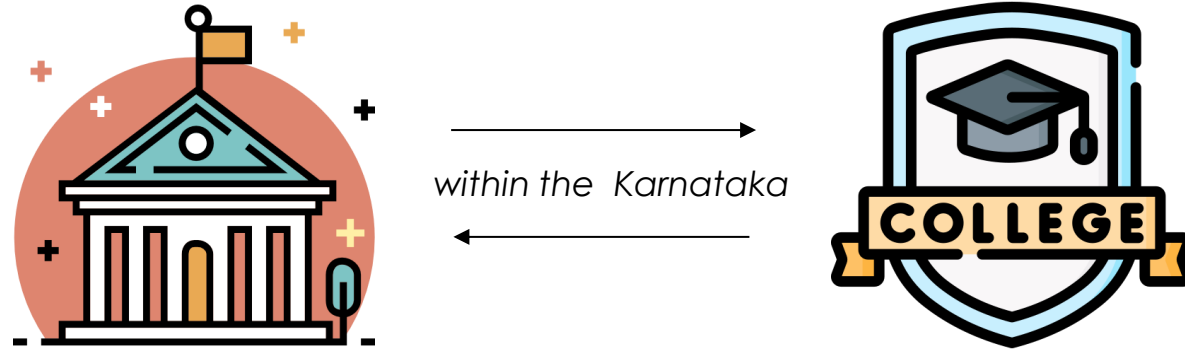21OBA12.0-12.2
COURSES

Award of Prizes, Medals, and Ranks

Rank Awarded: Highest CGPA
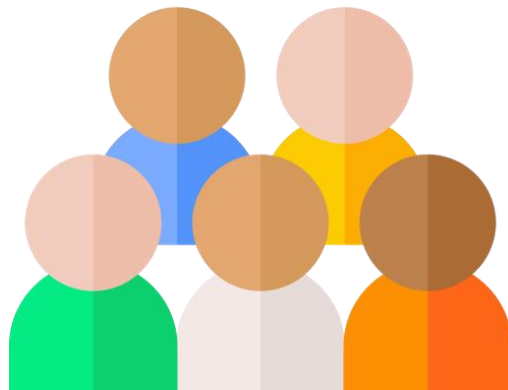
Group of Same CGPA

- the number of times a student has obtained higher SGPA.

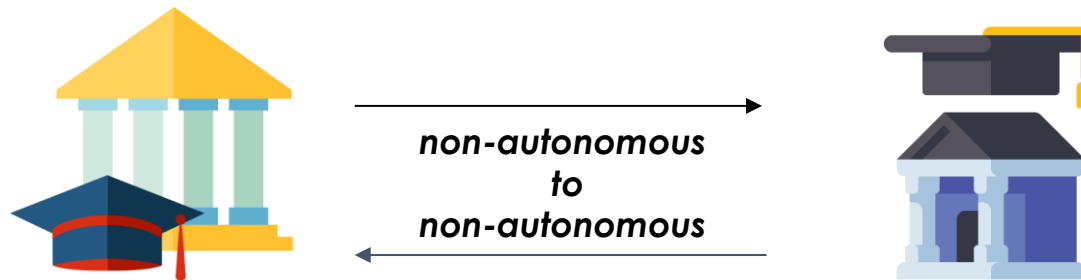- the number of times a student has obtained higher grades like O, A+, A, B+ etc

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21OBA13.0-13.2
COURSES

Transfer of Students

within the Karnataka

Only at the Beginning of

Third Sem
Fifth Sem
Seventh Sem
**(depending on the availability of seat and prior from university)**

non-autonomous
to
non-autonomous

Approval of Registrar, VTU

subject to the provision 21OBA9.2

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**21OBA13.0-13.2
COURSES**

The students seeking transfer shall have to

1. Obtain *No Objection certificate* for admission from the university and from both the colleges before the commencement of term as notified by VTU.

1. Complete the Program subject to provision 21OBA1.5.

An autonomous to non-autonomous

(affiliated with VTU)
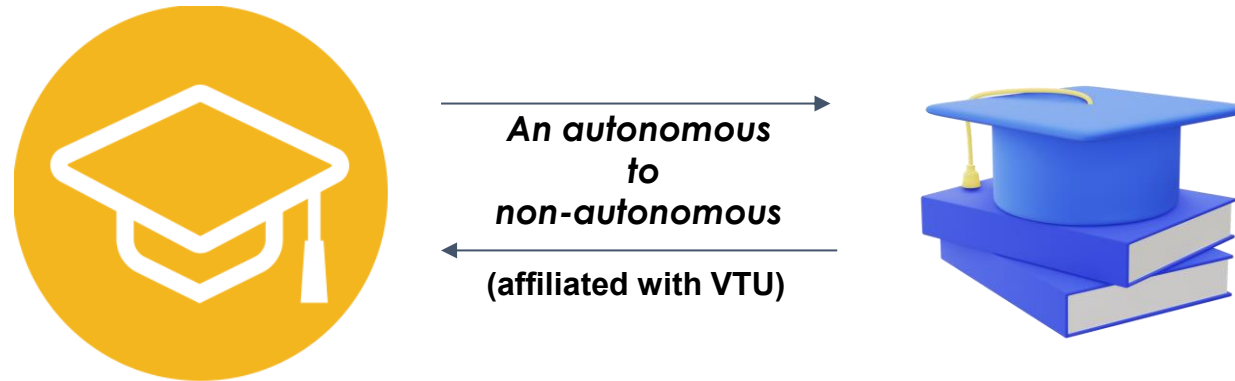
Approval of Registrar, VTU

the candidates have passed all the courses of the previous semesters.

**21OBA13.0-13.2
COURSES**

The students seeking transfer shall have to

1. Obtain *No Objection certificate* for admission from the university and from both the colleges before the commencement of term as notified by VTU.

1. Complete additional Course/s, if any, as per the decision of the concerned Board of Studies and approval of the Dean, Faculty of Engineering, on establishing the equivalence between two schemes.

1. A Grade card shall be issued.

1. Additional Course/s shall not be considered for the Eligibility criteria prescribed for promotion, Class, calculation of SGPA, and CGPA.

1. Earn the credits decided by the University as per 21OBA11.2.

1. Complete the Program subject to provision 21OBA1.5.

Universities other than VTU

the students must have passed in

- all the Courses of I and II semesters for admission to III semesters
- all the Courses of I to IV semesters for admission to V semester
- all the Courses of I to VI semesters for admission to VII semester

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21OBA13.0-13.2
COURSES

The students seeking admission from other Universities to VTU shall have to

1. Apply for the establishment of equivalence with prescribed fees as notified by the VTU

1. Obtain No Objection certificate for admission from the university before the commencement of term as notified by VTU.

1. Complete additional Course/s, if any, as per the decision of the concerned Board of Studies and approval of the Dean, Faculty of Engineering, on establishing the equivalence between two schemes

1. A Grade card shall be issued.

1. Additional Course/s shall not be considered for the Eligibility criteria prescribed for promotion, Class, calculation of SGPA, and CGPA.

1. Earn the credits decided by the University as per 21OBA11.2.

1. Complete the Program subject to provision 21OBA1.5.

The University may prescribe a fee for administrative purpose, which shall be notified from time to time, for transfer from one college to another

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Applicability and Power to Modify

The regulations governing the Degree of Bachelor of Architecture of Visvesvaraya Technological University shall be a binding on all concerned

1. Notwithstanding anything contained in the foregoing, the University shall have the power to issue directions/orders to address any difficulty.

1. Nothing in the foregoing may be construed as limiting the power of the University to amend, modify or repeal any or all of the above

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CODE OF CONDUCT

Punctuality

Attendance- same criteria for IA eligibility

Arrear subject CIE marks- submissions along with regular IAs.

Adherence to deadlines

Guidelines for Exams