### **Mandatory Disclosures**

The following information shall be given in the information Brochure besides being hosted on the Institution's official Website.

The onus of the authenticity of the information lies with the Institution ONLY and not on AICTE.

### 1. Name of the Institution:

### **Centre for PG Studies**

Visvesvaraya Technological University

Jnana Sangama, Machhe,

Belagavi Karanataka 590018

Telephone: 08312498198

Mobile: 9480236300

E-Mail: aictepgc@vtu.ac.in

### 2. Name and address of the Trust/ Society/ Company and the Trustees

NO

### 3. Name and Address of the Director:

### Prof. S B Dandagi

Visvesvaraya Technological University

Jnana Sangama, Machhe,

Belagavi Karanataka 590018

Telephone: 0831-2498198

E-Mail: sdandagi@gmail.com

### 4. Name of the affiliating University: VTU

### 1. Governance

Members of the Board and their brief background	https://vtu.ac.in/en/officers-of-the-university/
Members of Academic Advisory Body	https://vtu.ac.in/en/officers-of-the-university/#place2
Frequently of the Board Meeting and Academic Advisory Body	https://vtu.ac.in/en/board-of-studies ( twice of the year)
<ul> <li>Organizational chart and processes</li> </ul>	
FINANCE OFFICER  OFFICE STAFF  SPECIAL OFFICER (CNC) SPECIAL OFFICER (EDC)  OFFICE SUPERINTEN DENT  OFFICE STAFF  OFFICE STAFF	REGISTRAR  REGISTRAR  REGISTRAR (EVALUATION)  SPECIAL OFFICERS REGIONAL OFFICES  OFFICE STAFF  OFFICE STAFF  OFFICE STAFF  OFFICER SPECIAL OFFICER STAFF  OFFICE STAFF  Chairpersons (PG STUDIES)  OFFICE STAFF  OFF

Nature and Extent of involvement of Faculty and students in academic affairs/improvements	Yes
Mechanism/ Norms and Procedure for democratic/ good Governance	Yes
Student Feedback on Institutional Governance/ Faculty performance	Feedback from students, alumni and experts is obtained in the structured form offline/online and forwarded to board of studies for analysis and use for next revision. Open house sessions are conducted at the departmental level. Such feedback system has helped in improving the quality of curriculum Design and Implementation in tune with changing needs of the society.
Grievance Redressal mechanism for Faculty, staff and students	https://vtu.ac.in/pdf/affiliation/Grievance-Redressal.pdf
Establishment of Anti Ragging Committee	https://vtu.ac.in/pdf/affiliation/AntiRagging.pdf
Establishment of Online Grievance Redressal Mechanism	Yes
Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University	Applied for the govt. approval
Establishment of Internal Complaint Committee (ICC)	https://vtu.ac.in/wp-content/uploads/2020/09/3final- committee.pdf
Establishment of Committee for SC/ST	https://vtu.ac.in/wp- content/uploads/2019/11/scstwelfare.pdf
Internal Quality Assurance Cell	Yes

### 2. Programmes

- · Name of Programmes approved by AICTE
  - 1. M.Tech in Computer science Engineering
  - 2. M.Tech in Computer networking engineering
  - 3. M.Tech in Product Design and manufacturing
  - 4. M.Tech in VLSI Design and embedded systems
  - 5. B.Tech in Computer science and business systems

- 6. M.Tech in Robotics and automation
- 7. B.Tech in Water and land management
- 8. Master in business administration (General management)
- 9. Master Of Computer Applications

Name of Programmes Accredited by NBA	NA
Status of Accreditation of the Courses	NA

Na me	No. of seats	Duration	Cut off marks/rank of admission during the last three years	Fee (as approved by the state government)	Placement Facilities	Campus Placemen t
Computer science Engineering	24	2 Years	>50% in UG		NA	NA
Computer networking engineering	24	2 Years	>50% in UG		NA	NA
Product Design an manufacturing	24	2 Years	>50% in UG		NA	NA
VLSI Design and embedded systems	24	2 Years	>50% in UG	https://drive.go ogle.com/file/d /1fw6mcarxJA Yn3zstX4ROU pQJydy456uN/ view?usp=shar	NA	NA
Computer science and business systems	30	4 Years	NA		NA	NA
Robotics and automation	30	4 Years	NA	ing	NA	NA
Water and land management	24	2 Years	>50% in UG		NA	NA
Master in business administration (General management)	120	2 Years	>50% in UG		NA	NA
Master Of Computer Applications	120	2 Years	>50% in UG		NA	

Name and duration of Programme(s)having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details	NA
For each Programme Collaborated provide the following:	NA

## 3. Faculty

· Course/Branch wise list Faculty members:

Permanent Teaching Faculty

	T	
Dept of mechanical Engineering	Dr. R. R. Malagi,	
	Professor & Chairperson	
	Dr. Venkatesh M. Kulkarni	
	Mr. Anil S Pol	
Dept of Electronic and	Dr. T. C Thanuja	
communication Engineering	Dr. M Kulkarni	
	Mr. Mahesh B Neelagar	
Dept of Civil Engineering	Dr. Anand V Shivapur	
	Dr. Nagraj P Patil	
	Mr. Rohan S Gurav	
Dept of Computer science	Dr. S A Angadi	
Engineering	Dr. S L Deshpande	
	Dr. Mahantesh N. Birje	
	Dr. R. H. Goudar	
	Dr.Rashmi R Rachh	
	Mr. Vivekanandreddy	
	Ms. Ranjana B Nadagoudar	
	Mr. CHANDRASHEKHAR B	
	Ms. Saraswati R. Bhusanur	
	Dr.Poornima G Patil	
	Mr. Shivagonda patil	
	Mr. PRAKASH V. PARNDE	
	Mr. ROHIT B KALIWAL	

Mr. Vinaykumar
Ms. Ashwini C
Mrs. Sunita S Goravanakolla

<b>Dept of Management Studies</b>	Dr. Basavaraj S.Kudachimath	
	DR. PRALHAD RATHOD	
	Dr.M.Munshi	
	Dr. SHIVASHANKAR K	
	Dr.Shantavva M. Porapur	
	Mr. Sattagouda Patil	
	Rashmi C. Sattigeri	
	Dr. Deepti Shetty	
	Dr. Appasaba L V	
	Mr.Sanjivkumar Pol	
	Dr.Vijaykumar Dhannur	
	Mr. Arun. A. Rotti	

**Adjunct Faculty** 

Under graduate (R&A and CBCS)	Mrs. Rekha Jadhav
	Dr. Prashant Patil
	Dr. S B Dandagi
	Dr. B V Hubbali
	Dr. S V Satwik
	VLSI ADF

Permanent Faculty: Student Ratio	1:15
Number of Faculty employed and left during the last three years	No

## **Permanent Non Teaching Faculty**

Dept of mechanical	Ms. Roopa B Patil	Junior Assistant
Engineering	Mr. Dundappa Magdum	Attender
	Mr. Durgappa L Ankalagi	Attender
	Mr. Parashuram Khandre	Attender
Dept of Electronic and communication	Shri. Shivshankar Hubballi	Assistant
Engineering	Kum.Manjula Gadad	Jr. Assistant
	Shri. Basappa Madar	Attender
	Smt. Mahadevi Nategal	Attender
	Shri. Vineet Nadagoudar	Attender
Dept of Civil Engineering	Mr. Anandeshwar S. Patil	Jr. Assistant
	Mr. Basavaraj I. Ullavil	Jr. Assistant
	Mr. Suresh Kadgoudar	Attender
	Mr. Kempanna B. Malagi	Attender
	Mr. Chandrashekarappa Sajjan	Attender
	Mr. Umesh Javali	Attender
<b>Dept of Computer science</b>	Mr. Sandeep L Kolkar	Jr. Assistant
Engineering	Mrs. Sheela B Dabadi	Jr. Assistant
	Mr. Raghurama Ghatge S K	Attender
	Mr. Mahesh Patil	Attender
Dept of Management	Mr. Malatesha Naik D.	Sr.Assistant
Studies	Mr. Mahadev Mahurkar	Attender
	Mr. Sampathkumar K Vandale	Attender

### 4. Profile of Director

Profile of Director	<u> </u>	
Name	Dr. Shivaprasad B Dandagi	
Date of birth	05.01.1965	
Unique ID	V06-001	
Education Qualifications	B.E., M.E., Ph.D.	
Work Experience	Teaching: 33	
	Research:10	
	Industry:1	
	Others: Nil	
Area of Specialisation	Mechanical Engineering	
Courses taught at Diploma/	Mechanical Engineering	
Post Diploma/ Under Graduate/ Post Graduate/	Strategic Management	
Post Graduate Diploma Level		
Research	01	
guidance(Number of Students)		
No. of papers published in National/ International Journals/ Conferences	07	
Master (Completed/Ongoing)	30	
Ph.D (Completed/Ongoing)	01	
Project Carried Out	35	
Patents (Filed & Granted)	NIL	
Technology Transfer	NIL	
Research Publications (No.of papers published in National/International Journals/Conferences)	O7	
No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)	01	

### 8. a) Profile of Faculty Members at VTU Belagavi

https://drive.google.com/file/d/1yeUQCBJUKhDmDo8WPex2\_QyoE-1mGoRj/view?usp=sharing

### 5. Fee

Details of Fee, as approved by State Fee Committee, for the Institution	UG: https://vtu.ac.in/en/ug-registration- other-fee/
	PG: https://vtu.ac.in/en/pg-registration- other-fee/
Time schedule for payment of Fee for the entire Programme	At time of admission
No. of Fee waivers granted with amount and name of students	As per the Govt. schemes
Number of scholarship offered by the Institution, duration and amount	As per the Govt. schemes (SSP, OBC, NSP etc)
Criteria for Fee waivers/scholarship	As per the Govt. schemes (SSP, OBC, NSP etc)
Estimated cost of Boarding and Lodging in Hostels	Rs. 56000/- per Student per Year
Any other fee please specify	-NA-

Admission		
•Number of seats sanctioned with the year of app	roval	
1 <sup>st</sup> Year of approval by the Council 2020-2021		
Year wise Sanctioned Intake	Intake	Admitted
MBA	120	120
MCA	120	95
M. Tech in Computer Science & Engineering	24	04
M. Tech in Computer Network Engineering	24	02
M.Tech in VLSI Design and Embedded	24	09
Systems		
M. Tech in Product Design & Manufacturing	24	07
M. Tech in Water and Land Management	24	14
B. Tech in Computer Science and Business	30	24
Systems		
B. Tech in Robotics and Automation	30	12

### 7. Admission Procedure

	UG: Karnataka CET PG: KEA PGCET
Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test etc.)	-NA-
Calendar for admission against	-NA-
Management/vacant seats:	KARNATAKA EXAMINATIONS AUTHORITY Sampige Road, 18th Cross, Malleshwaram, Bangalore-560 012. Phone: 080-23460460 (5 lines) Fax: 080-23461576 e-mail: keauthority-ka@nic.in Website: http://kea.kar.nic.in No. KEA/ED/ADM/NGF-03/2020-21 Date: 10-06-2020
Last date of request for applications	POST GRADUATE COMMON ENTRANCE TEST - 2020 for admission to 1" Year / 1" Semester MBA / MCA / M.E. / M. Tech. / M. Arch Courses Pursuant to the Government Order No. ED 17 TEC 2018, Bangalore dated 13-03-2018, applications are invited from the eligible interested Karnataka and non-Karnataka candidates for admission to 1" year / 1" semester full time / part
Last date of submission of applications	time MBA / MCA / M.E. / M. Tech. / M. Arch courses in the institutions affiliated Universities which will be notified by the Government of Karnataka for the year 2002-01. Candidates have to appear for the Post Graduate Common Entrance Test-2020 conducted by the Karnataka Examinations Authority to become eligible for admission to these courses as per the provisions of the Karnataka Selection of Candidates for Admission to Master of Business Administration Master of
Dates for announcing final results	Computer Application Courses Rules, 2005, Kamataka Selection of Candidates for Admission to Master of Engineering (ME) and Master of Technology (M. Tech.) courses, Rules, 2005.  Non-Kamataka candidates are eligible to select ONLY the seats surrendered by the management if any, for admission to MBA/ MCA courses.  NOTE to GATE Candidates:
Release of admission list (main list and	<ul> <li>The candidates with valid GATE score should compulsorily enter application online to become eligible for admission to M.E. / M. Tech / M. Arch courses, but they need not appear for PGCET-2020.</li> <li>Academic Eligibility: The details of academic eligibility for all the above courses will be made available on the KEA website <a href="http://kea.kar.nic.in">http://kea.kar.nic.in</a>. The candidates are advised to verify the eligibility criteria before applying to any of the courses.</li> </ul>
waiting list shall be announced on the same	Fee: For each course, Rs. 650/- for General and OBC (Rs.500/- for SC / ST and Category-1 - of Karnataka candidates only).
	Hosting of Information Bulletin PGCET-2020 15-06-2020 after 2.00 pm  Commencement of Entry of Application Online: From 4.00 pm on 15-06-2020
day)	Commencement of Entry of Application Online: From 4.00 pm on 15-06-2020  Last Date to Enter Application details online Up to 5.30 pm on 28-06-2020
	Last Date to Pay the fees in the Bank. 30-06-2020 (Banking Hours)
Date for acceptance by the candidate (time	Downloading of Admission Tickets on or after 27-07-2020 from 4.00 pm onwards  NOTE:
given shall in no case be less than 15days)	<ul> <li>After ascortaining the payment details from the bank, candidate will be permitted to download the admission ticket.</li> <li>The information / particulars entered by the candidates online for PGCET-2020 will be deemed as "Final" and will be the basis for further process. No change in any information entered by the candidates will be entertained.</li> <li>For more details and to claim eligibility conditions visit KEA Website <a href="http://kea.kar.nic.in">http://kea.kar.nic.in</a></li> <li>The Post Graduace Common Entrance Test-2020 time table is as follows</li> </ul>
Last date for closing of admission	Date and Day   Course   For   Timings   Marks
Starting of the Academic session	M. Toch / Science, Kuvempu University and Department of Staturday M. Arch / M. Arch
<u> </u>	05-08-2020 MLA Admission to 1" Year / 1" Semester 10.30 am to 12.30 pm 100.  Sunday MBA Admission to 1" Year / 1" Semester 2.30 pm to 4.30 pm 100.  1, All the admissions and undergraduate Degrees to claim eligibility for admission to any of the PG courses are subject to approved of the Government / VTU Other respective University.
The waiting list shall be activated only on the expiry of date of main list	<ol> <li>As par the letter from VTU. Beigaum dated 12-08-2014, to pursue M.Tech course on the basis of undergraduate programme from Aeronautical Society of India is NOT approved.</li> <li>As per the letter from VTU. Beigaum dated 30-05-2014, who have acquired B.E. Degree through Distance Education Mode are NOT eliablifor or admission but Tech Courses.</li> </ol>

8. Criteria and Weightages for Admission

Criterias	CSE		Mechanical	ECE	Civil	MBA	
	M. Tech (CSE & CNE)	MCA	B. Tech (CSBS)				
Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc.	Admission Test: PGCET Exam conducted by KEA, Government of Karnataka- 100 % Weightage  Open Admission: For vacant seats after PGCET admission: Through screening test (50 % Weightage) and qualifying degree marks (50 % Weightage)						
Mention the minimum Level of acceptance, if any	-						

Mention the cut-off	(Minimum and Maximum % of the students admitted during 2020-21)						
Levels of percentage and percentile score of the candidates in the admission test.	56.05%- 64.02%	54.33%- 60.88%	56%-93%	19066- 148116	4370- 10687	4808	347- 20933
Display marks scored in Test etc. and in aggregate for all candidates who were admitted							

### 9. List of Applicants

List of candidate whose applications have been received along with percentile/percentages score for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats (merit wise) (University Quota)

https://drive.google.com/file/d/1uk5uyVufSlBAfhdsIF4Wm1Ilxs\_4jSR3/view?usp=sharing

10. Results of Admission Under Management seats/Vacant seats

Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over)	-NA-
Score of the individual candidate admitted arranged in order or merit	-NA-
List of candidate who have been offered admission	-NA-
Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate	-NA-
List of the candidate who joined within the date, vacancy position in each category before operation of waiting list	-NA-

# 11. Information of Infrastructure and Other Resources Available Number of Class Rooms/Tutorials/Seminar/Laboratories/Drawing Hall and size

of each

Sr. No.	Room No.	Room Type(mention Class Room / Lab / Toilet, etc)	Carpet Area (in m <sup>2</sup> )
1.	MB-101	Classroom	90
2.	MB-103	Tutorial Rooms – PG	65
3.	MB-104	Tutorial Rooms – PG	65
4.	MB-105	Tutorial Rooms – PG	90
5.	MB-202	Drawing Hall	132
6.	MB-203	Tutorial Rooms – PG	65
7.	MB-204	Tutorial Rooms – PG	65
8.	MSH001	Seminar Hall	133
9.	MSH002	Seminar Hall	160
10.	MSH003	Seminar Hall	140
11.	MSH004	Seminar Hall	150
12.	MSH102	Seminar Hall	200
13.	NB-109	Classroom	85
14.	NB-110	Classroom	69
15.	NB-111	Classroom	86
16.	NB-113	Tutorial Rooms – PG	36
17.	NB-202	Classroom	69
18.	NB-204	Classroom	86
19.	NB-206	Tutorial Rooms – PG	36
20.	NB-207	Tutorial Rooms – PG	36
21.	NB-208	Tutorial Rooms – PG	67

Sr. No.	Room No.	Room Type(mention Class Room / Lab / Toilet, etc)	Carpet Area (in m <sup>2</sup> )
22.	NB-209	Tutorial Rooms – PG	36
23.	PL- 01	Laboratory	66
24.	PL- 02	Laboratory	66
25.	PL- 03	Laboratory	68
26.	PL- 04	Laboratory	66
27.	PL- 05	Laboratory	66
28.	PL- 06	Laboratory	67
29.	PL- 07	Laboratory	70
30.	PL- 08	Laboratory	66
31.	PL- 09	Laboratory	66
32.	RL- 01	Research Laboratory	68
33.	RL- 02	Research Laboratory	66
34.	RL- 03	Research Laboratory	66
35.	RL- 04	Research Laboratory	66
36.	RL- 05	Research Laboratory	70
37.	SB-007	Classroom	79
38.	SB-025	Tutorial Rooms – PG	33
39.	SB-106	Classroom	79
40.	SB-107	Classroom	79
41.	SB-108	Tutorial Rooms – PG	79
42.	SB-109	Tutorial Rooms – PG	79
43.	SB-110	Classroom	79
44.	SH01	Seminar Hall	300
45.	SH02	Seminar Hall	200

Sr. No.	Room No.	Room Type(mention Class Room / Lab / Toilet, etc)	Carpet Area (in m <sup>2</sup> )
46.	WS-01	Workshop	200
47.	C2, C3, C9, C10, C13 (Block3)	Classroom	358
48.	C14 & C15 (Block 3)	Computer Lab	206
49.	C1, C4 & C5- GF (Block 3)	Laboratory	282
50.	C 11 & C12 (THIRD FLOOR)	Classroom	152
		TOTAL	5103

### **Administrative Area**

1.	BOARD	Board Room	40
2.	CABIN	Cabin for Head of Dept	150
3.	CENTRA	Central Store	500
4.	DEPART	Department Office	300
5.	EXAM	Exam Control Office	40
6.	FACULT	Faculty Room	600
7.	HOUSE	Housekeeping	50
8.	MAIN	Office All Inclusive	800
9.	MAINT	Maintenance	40
10.	PANTRY	Pantry for Staff	40
11.	PLACEMENT	Placement Office	300
12.	PRINCIPAL	Principal Directors Office	30
13.	RECEPTION	Reception Area	20
14.	SECURITY	Security	50
		TOTAL	2960
1.	AUDITORIUM	AUDITORIUM	2100
2.	BOYS	PGNB	110

3.	CAFETR	CANTEEN	160
4.	FIRST	CLINIC	320
5.	GIRLS	PGNB	110
6.	GUEST	GUEST HOUSE	4700
7.	HOSTE	MALAPRABHA, KAVERI	3450
8.	HOSTEL	KRISHNA,NETHRAVATHI,SHARA VATHI	5175
9.	QUARTE	QUARTERS	180
10.	SPORT	CLUB	6250
11.	STATIO	PGNB	10
12.	TOILET	PGNB&PGSB	390
		TOTAL	22955
1.		Corridors	1,000
2.		Other Areas (in Sq m)	700
3.		Other Common Area (in Sq m)	1,200
		2,900	
		5103	
		2960	
		22955	
		2,900	
		33,918	

Note: The fraction is round off.

Barrier Free Built Environment for disabled and elderly persons	Available
Occupancy Certificate	Available
Fire and Safety Certificate	
	Available
Hostel Facilities	Available
Library	
Number of Library books/ Titles/ Journals available(Programme- wise)	

List of online National/ International Journals subscribed	Details is provided in the below mentioned table
E- Library facilities	
National Digital Library(NDL) subscription details	

Program		Journals Published	Published	No. Of E- Book Titles Pg		No. Of E- Book Titles Ug	No. Of E-Book Volumes Ug
PG-Engineering and Technology	5913	261	6863	22262	22262	5227	5227
Management (MBA)	4169	10	110	2870	2870	-	-
MCA	1160	15	180	3200	3200	-	-
Program	Publisher	Publisher Name	Subscription From Till Date	~ ~			
Engineering And Techology	Elsevier	Elsevier	1-4-2020 To 31-3-2021	Vtu Consort	ium		
Engineering And Techology	Sprkinger Nature	Sprkinger Nature	1-4-2020 To 31-3-2021	Vtu Consort	ium		
Engineering And Techology	Taylor And Franncis	Taylor And Franncis	1-4-2020 To 31-3-2021	Vtu Consort	ium		
Managent	Emerald	Emerald	1-4-2020 To 31-3-2021	Vtu Consort	ium		

Computing Facilities	
Internet Bandwidth	100GPS
Number and configuration of System	300 plus
Total number of system connected by LAN	300plus
Total number of system connected by WAN	
Special purpose facilities available (Conduct of online Meetings/Webinars/Workshops, etc.)	E-Learning Centre
Facilities for conduct of classes/courses in online mode (Theory & Practical)	E-Learning Centre
Innovation Cell	Yes
Social Media Cell	Yes
Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments	Yes
Teaching Learning Process	
Curricula and syllabus for each of the Programmes as approved by the University	https://vtu.ac.in/en/academic-calendar/
Academic Calendar of the University	https://vtu.ac.in/en/academic-calendar/
Academic Time Table with the name of the Faculty members handling the Course	Yes
Teaching Load of each Faculty	Yes
Internal Continuous Evaluation System and place	Yes
Student's assessment of Faculty, System in place	Yes

• For each Post Graduate Courses give the following:

I of each	Post Graduate Courses give the followi	<del>''</del> 8'
Title of the course	Curricula of syllabi	Laboratory facilities exclusive to the Post graduate course
Computer Science Engineering	https://vtu.ac.in/pdf/cbcs/pg/2020/cse.pdf	
Computer Network Engineering	https://vtu.ac.in/pdf/cbcs/pg/2020/cne.pdf	
Product Design and Manufacturing	https://vtu.ac.in/pdf/cbcs/pg/2020/pdm.pdf	
VLSI and embedded systems	https://vtu.ac.in/pdf/cbcs/pg/2020/vlsi.pdf	As Mentioned in the above table
Water and Land Management	https://vtu.ac.in/pdf/cbcs/pg/2020/wlm.pdf	
Master in computer application	https://vtu.ac.in/pdf/cbcs/pg/2020/mca.pdf	
Master in business Administration (General Management)	https://vtu.ac.in/pdf/cbcs/pg/2020/mba.pdf	

## SOFTWARE, ALL DESIGN TOOLS IN CASE

## **DEPARTMENT OF MECHANICAL**

### **CAE COE SOFTWARES**:

Sl No	Field	Software	Application
	Manufacturing	V-CNC PRO	CNC Simulation
1	Withing	Z-CAST PRO Stress	Casting Simulation
		AFDEX	Forming Simulation
		Z-HEAT	Forming Simulation
2		SIMULIA	FEM Analysis
	Structural Integrity and	fe-safe	Fatigue Durability
	Design Engineering	Isight	Optimization
		Tosca Structure	Structural Topology
		Tosca Fluid	Fluid Topology
3	Thermal Fluid Engineering	Flownex	1D CFD
		FlowVIsion	3D CFD
	Material Engineering	J-OCTA	Material Modeling
4		KHIMERA	Material Modeling
_	Combustion Engineering	Chemical Workbench	Chemical Reaction
5			Kinetics
		Mechanism Workbench	Mechanism
			Optimization

### LIST OF ALTEM SOFTWARES:

SL No.	MSC Software	Short Description of Visualizing Engineering Software Package	
1	MSC Nastran	Multidisciplinary Industry Standard Structural Analysis Simulation	
2	Patran	Comprehensive Pre-and Post-Processing Environment Finite Element Modeling	
3	MSC Apex	Unified CAE Environment for Virtual Product Development	
4	Marc-Mentat	Advanced Nonlinear Simulation Solution	
5	Adams	Advanced Multibody Dynamics Simulation Solution	
6	Digimat	Nonlinear Multi-scale Material and Structure Modeling Platform	
7	Digimat - AM	Application for Simulation of Additive Manufacturing Process of Polyme Parts	
8	Easy5	Multi-Domain Modeling of Controls & Systems Simulation	
9	scFLOW	New Generation CFD software with Multiphysics and General PurposeCapabilities	

10	Dytran	Explicit Dynamics and Fluid Structure Interaction
11	Simufact Additive	Simulation Tool for Distortion Prediction in Powder Bed Additive  Manufacturing
	Simufact	
12	Forming	Simulate Metal Forming, Heat Treatment and Mechanical Joining Process
13	Simufact Welding	Simulate Complex Welding Processes, Predicts Distortions and Stress Relief
14	Sinda	Industry-Proven Advanced Thermal Simulation Solution
15	MSC Fatigue	Predict Fatigue Life, Durability and Damage Predictions (within Patran)

### **DEPARTMENT OF CSE**

Sl. No	Department Name	Software (Legal)
1	CSE	MATLAB
		Software (Free
Sl. No	Department Name	Online Open
		Source)
1		Dev C++
2		Turbo C++
3	CSE	Oracle My SQL
4	CSE	Ubuntu
5		Redhat
6		NS-2 Simulator

### DEPARTMENT OF CIVIL

### **GEOSPATIAL LABORATORY**

- 1. ArcGIS Server 10.4
- 2. ArcGIS Master Lab Kit Version 10.2.2
- 3. ERDAS Imagine Image Processing Software -5 User License
- 4. GEO-Media
- 5. Visual-MODFLOW ( Professional Software-Single User+10 User Network License
- 6. GPS (GARMIN)

### **DEPARTMENT OF MBA**

SPSS: Statistical Package for the Social Sciences

### ACADEMIC CALENDAR AND FRAMEWORK



## Academic Calendar of VTU, Belagavi for EVEN Semester of 2021-2022 (March 2021 to July 2021)

	IV Sem MCA	VI Sem MCA#	IV Sem M. Tech.	IV Sem M. Arch.
Commencement of EVEN Semester	03.03.2021	10.03.2021	03.03.2021	03.03.2021
Last Working day of EVEN Semester	19.06.2021	19.06.2021	19.06.2021	19.06.2021
Practical Examination	21.06.2021 To 25.06.2021			
Theory Examinations	28.06.2021 To 12.07.2021		28.06.2021 To 12.07.2021	
Internship				-
Internship Viva Voce		-		
Summer Project / Professional training /Organization Study	H			-
Submission of the report to the University		23.06.2021 To 03.07.2021	13.07.2021 To 26.07.2021	
Commencement of ODD Semester	19.07.2021			

- # MCA students have to complete their internship during the vacation period between V and VI semesters.
- The classroom sessions for even the semester should commence from the dates mentioned above.
- The Institute needs to function for six days a week with additional hours (Saturday is a full working day). If required the college can plan to have extra classes even on Sundays also.
- The faculty/staff shall be available to undertake any work assigned by the university.
- If any of the above dates are declared to be a holiday then the corresponding event will come into effect on the
  next working day.
- Notification regarding the Calendar of Events relating to the conduct of University Examinations will be issued by the Registrar (Evaluation) from time to time.
- Academic Calendar may be modified based on guidelines/directions issued in the future by MHRD/UGC/AICTE/State Government.
- Revised Academic Calendar is also applicable for Autonomous Colleges. In case if any changes are to be
  affected by Autonomous Colleges in the academic terms and examination schedule, they could do so with the
  approval of the University.

## Academic Calendar of VTU, Belagavi for ODD Semester of 2020-21 First Semester - M. Tech/M. Arch/ MBA/MCA, I Semester (revised) B.E./B.Tech./B.Plan./B.Arch., and III Semester (revised) MCA

	I Semester M. Tech.	I Semester M. Arch.	I Semester MBA	I Semester MCA	I Semester B.E./B.Tech.,/ B.Plan.B.Arch	III Semester MCA
Commencement of ODD Semester	18.01.2021	18.01.2021	18.01.2021	18.01.2021	14.12.2020	01.09.2020
Last Working day of ODD Semester	17.04.2021	17.04.2021	17.04.2021	17.04.2021	31.03.2021	30.01.2021
Practical Examinations	03.05.2021 To 07.05.2021		<u>-</u> 465	03.05.2021 To 07.05.2021	05.04.2021 To 16.04.2021	04.02.2021 To 09.02.2021
Theory Examinations	19.04.2021 / To 30.04.2021 /	19.04.2021 To 30.04.2021	19.04.2021 To 30.04.2021	19.04.2021 To 30.04.2021	19.04.2021 To 06.05.2021	11.02.2021 To 19.02.2021
Internship Viva-Voce			-	<u>-</u> -		
Professional training / Organization study		-	-		-	
Commencement of EVEN Semester	10.05.2021	10.05.2021	10.05.2021	10.05.2021	10.05.2021	22.02.2021

Note:

- The Institute needs to function for six days a week with additional hours (Saturday is a full working day).
- The faculty/staff shall be available to undertake any work assigned by the university.
- If any of the above dates are declared to be a holiday then the corresponding event will come into effect on the next working
  day.
- Notification regarding the Calendar of Events relating to the conduct of University Examinations will be issued by the Registrar (Evaluation) from time to time.
- Academic Calendar may be modified based on guidelines/directions issued in the future by MHRD/UGC/AICTE/State Government.
- In case if any changes are to be effected by Autonomous Colleges in the academic terms and examination schedule, they could do so with the approval of the University.

12. Enrolment and placement details of students in the last 3 years

-NA-

13. List of Research Projects/ Consultancy Works

Number of Projects carried out, funding agency, Grant received	-NA-
Publications (if any) out of research in last three years out of masters projects	-NA-
Industry Linkage	-
MoUs with Industries (minimum3(10))	https://vtu.ac.in/pdf/naac/1.1.3/mous.pdf

- - 14. LoA and subsequent EoA till the current Academic Year: Yes
  - 15. Accounted audited statement for the last three years: Yes
  - 16. Best Practices adopted, if any

### **BEST PRACTICES**

- 1. Go Green: VTU takes number of initiative to keep campus green. It has developed lakes, ponds and seven gardens. Water conservation and drip irrigation facility is also available. Plastic free campus and paperless office is our aim
- 2. Digital Examination system: Entire examination process is fully digitalized. The unique feature of this practice is question paper delivery thirty minutes before the commencement of examination . Evaluation is also digitalized. In house software is used for this purpose.