Channabasaveshwara Institute of Technology
(Affiliated to VTU, Belgaum & Approved by AICTE, New Delhi)
(ISO 9001:2015 Certified Institution)
NH 206 (B.H. Road), Gubbi, Tumkur – 572 216. Karnataka.

1st YEAR – REMEDIAL CLASS REPORT

Date: 16/09/2023

With reference to the Minutes of Meeting – IQAC, dated 24/08/2023, regarding vertical progression clause 22OB6.4 of VTU academic regulations pertaining to 2022 scheme, Students having "F" grades for the courses totalling to more than 16 credits in the 1st and 2nd semesters of the first year BE programme shall not be permitted to 3rd semester.

The following initiatives were taken against the resolution passed at Mom – IQAC.

Sl.No	Resolution	Date of Initiation	Action Initiated against resolution
1.	All HODs are instructed to collect the list of students who have more than 8 credits in courses in which they have "F" grades after the end of 1st semester	25/08/2023	List of 1st year students with backlog subject credits totaling – 8 and above is prepared. An total of 62 students were listed with backlog subject credits totaling – 8 and above
2.	1st Year Proctors Meet with Chief Proctor & Dean (Examination)	26/08/2023	Procedure to be adopted to make students to attend meeting with respected Director on 28/08/2023 was discussed
3.	A one to one meeting with all such students must be held at the earliest	28/08/2023	One to One meeting with all such students was organized at Vivekananda auditorium on 28/08/2023 b/w 12:00 PM to 2:00PM Remedial classes for all students of 1st year who are having backlog credits totaling – 8 & above must be conducted Remedial classes must be planned well in advance immediately after II Internals for subjects with credits 3 & above In_House subjectexperts must be identified & Time table to be framed suitably
4.	Remedial class Time Table	01/09/2023	Remedial class Time Table & Subjects Experts were prepared and got approved from the office of respected Director
5.	Remedial Class conduction	07/09/2023	Mathematics-I (BMATS101)
		08/09/2023	Basic Electronics(BBEE103) & Introduction to Electronics Communication (BESCK105X)
		09/09/2023	Introduction to Python Programming (BETCK105X)
		11/09/2023	Introduction to 'C' Programming (BESCK104X)

Details of Remedial classes, Topics covered & No. of Students attended:

Sl.No	Date	Time	In_House Subject Experts	Topics Covered	No. of Students
01	07/09/2023 (Thursday)	09:00 to 11:00 11:15 to 01:15 02:00 to 04:00	**Dr. UMADEVI R** Asst. Professor, Dept. of Mathematics **Mr. PRASHANTH KUMAR S** Asst. Professor, Dept. of Mathematics	1. Rank of Matrix, consistency, Gauss elimination & Gauss Jordan methods, Gauss Seidel method, Rayleigh power method. 2. Polar curves, Angle b/w radius vector & tangent, pedal equations-problems, curvature & radius of curvature in Cartesian & polar forms-problems. 3. Maclaurins series, Jacobians, Partial differentiation.	40
02	08/09/2023 (Friday)	09:00 to 11:00 11:15 to 01:15 02:00 to 04:00	**Mr. MALTESH BAJANTHRI** Asst. Professor, Dept. of ECE **Mr. HARSHA G** Asst. Professor, Dept. of ECE	1. Power supply, Rectifiers, Voltage regulators 2. Operational Amplifiers 3. Boolean Algebra & logic circuits 4. Embedded systems 5. Microprocessors v/s Microcontrollers. 6. Instrumentation & Transducers 7. Seven-Segment LED display	41
03	09/09/2023 (Saturday)	09:00 to 11:00 11:15 to 01:15	**Mrs. TEJASWINI S** Asst. Professor, Dept. of AI & DS	1. Python Basics, Data Types, Variables 2. String Concatenation & replication 3. Flow control & Functions 4. Local & Global Slope 5. Exceptions Handling 6. Manipulating strings	40
04	11/09/2023 (Monday)	09:00 to 11:00 11:15 to 01:15 02:00 to 04:00	**Mr. DHARANESH KUMAR M L** Asst. Professor, Dept. of CSE	1. Introduction to Computers. 2. Introduction to 'C' 3. Input/Output Statements in 'C' 4. Operators in 'C' 5. Type conversions, Decision controls, conditional branching, Iterative statements 6. Functions, Arrays, Introduction to Structures	40

Details of Assignment Questions and Assessment Tools used for Evaluation:

Sl.No	In_House Subject Experts	Assignment Questions	Assessment Tools used for Evaluation
01	**Dr. UMADEVI R** Asst. Professor, Dept. of Mathematics **Mr. PRASHANTH KUMAR S** Asst. Professor, Dept. of Mathematics	1. Prove with usual notation $\tan(\emptyset) = r\{d(\theta)/dr\}$ 2. Find radius of curvature of $r=a(1+\cos\theta)$ 3. If $u = x+y+z$, $v=y+z$, $z=uvw$, find $\{\delta(x,y,z)/\delta(u,v,w)\}$ 4. P.T: $\log\sqrt{((1+x)/(1-x))} = x + (x^3/3)+(x^5/5)+\cdots$ 5. Solve by GE Method: $3x+y+2z=3$ $2x-3y-z=-3$ $x+2y+z=4$	Conducted Quiz on Module-1, Module-2 & Module-5, Evaluation sheet is attached behind
02	**Mr. MALTESH BAJANTHRI** Asst. Professor, Dept. of ECE **Mr. HARSHA G** Asst. Professor, Dept. of ECE	1. With a neat circuit diagram & waveforms, explain the working of Full Wave Bridge Rectifier 2. Discuss briefly negative feedback amplifier with block diagram 3. What is an oscillator? Mention the condition for oscillations 4. Prove Demorgans theorem with its statement 5. Describe Full adder & deduce the expression for Sum & Carry 6. Explain how 7-segment display can be used to display data & write a brief note on operation of LED	Open Book Test was given in the class room
03	**Mrs. TEJASWINI S** Asst. Professor, Dept. of AI & DS	1. What is flow control statements? Discuss if and if else statements with flow chart 2. Explain syntax & control flow diagram of break and continue statements 3. explain four scope rules of variables in python 4. Explain appen() and index() functions with respect to lists in python 5. Explain different ways to delete an element from a list with suitable python syntax & programming example	Google Link - https://forms.gle/3zkTmUYpjamrmhAz6
04	**Mr. DHARANESH KUMAR M L** Asst. Professor, Dept. of CSE	1. Explain the generation of computers in details 2. With example, explain the structure of 'C' Program 3. Explain i/p & o/p statements in 'C' 4. What are operators in 'C'? List & explain each operator with example 5. Explain conditional branching statements 6. Write a program to find greatest of two numbers	Google Link - https://tinyurl.com/3nc9dyrv

In_House Subject Experts:

Sl. No.	Name of the Staff	Designation	Signature
01	Dr. UMADEVI R	Asst. Professor, Dept. of Mathematics	19/9/23
02	Mr. PRASHANTH KUMAR S	Asst. Professor, Dept. of Mathematics	
03	Mr. MALTESH BAJANTHRI	Asst. Professor, Dept. of ECE	
04	Mr. HARSHA G	Asst. Professor, Dept. of ECE	
05	Mrs. TEJASWINI S	Asst. Professor, Dept. of AI & DS	
06	Mr. DHARANESH KUMAR M L	Asst. Professor, Dept. of CSE	

Prepared By:

Dr. Pradeep N R 16/09/2023
(Chief Proctor)

Verified By:

16/9/2023
Dr. Shivaprakash M C
(Dean Examination)

Dr. Suresh D S 19/9/2023
(Chairman-IQAC)
Director & Principal
C.I.T-Gubbi