



Partnership in Academic Excellence

# 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.



## 1<sup>st</sup> 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 1<sup>st</sup> and 2<sup>nd</sup> semesters of the first year BE programme shall not be permitted to 3<sup>rd</sup> 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 1 <sup>st</sup> semester	25/08/2023	List of 1 <sup>st</sup> 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.	1 <sup>st</sup> 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 1 <sup>st</sup> 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)

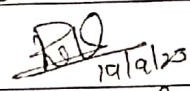


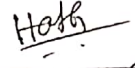
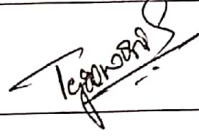

**Details of Remedial classes, Topics covered & No. of Students attended:**

Sl.No	Date	Time	In_House Subject Experts	Topics Covered	No. of Students
01	07/09/2023 (Thursday)	09:00 to 11:00	<b>Dr. UMADEVI R</b> Asst. Professor, Dept. of Mathematics  <b>Mr. PRASHANTH KUMAR S</b> Asst. Professor, Dept. of Mathematics	<ol style="list-style-type: none"> <li>Rank of Matrix, consistency, Gauss elimination &amp; Gauss Jordan methods, Gauss Seidel method, Rayleigh power method.</li> <li>Polar curves, Angle b/w radius vector &amp; tangent, pedal equations-problems, curvature &amp; radius of curvature in Cartesian &amp; polar forms-problems.</li> <li>Maclaurins series, Jacobians, Partial differentiation.</li> </ol>	40
		11:15 to 01:15			
		02:00 to 04:00			
02	08/09/2023 (Friday)	09:00 to 11:00	<b>Mr. MALTESH BAJANTHRI</b> Asst. Professor, Dept. of ECE  <b>Mr. HARSHA G</b> Asst. Professor, Dept. of ECE	<ol style="list-style-type: none"> <li>Power supply, Rectifiers, Voltage regulators</li> <li>Operational Amplifiers</li> <li>Boolean Algebra &amp; logic circuits</li> <li>Embedded systems</li> <li>Microprocessors v/s Microcontrollers.</li> <li>Instrumentation &amp; Transducers</li> <li>Seven-Segment LED display</li> </ol>	41
		11:15 to 01:15			
		02:00 to 04:00			
03	09/09/2023 (Saturday)	09:00 to 11:00	<b>Mrs. TEJASWINI S</b> Asst. Professor, Dept. of AI & DS	<ol style="list-style-type: none"> <li>Python Basics, Data Types, Variables</li> <li>String Concatenation &amp; replication</li> <li>Flow control &amp; Functions</li> <li>Local &amp; Global Scope</li> <li>Exceptions Handling</li> <li>Manipulating strings</li> </ol>	40
		11:15 to 01:15			
04	11/09/2023 (Monday)	09:00 to 11:00	<b>Mr. DHARANESH KUMAR M L</b> Asst. Professor, Dept. of CSE	<ol style="list-style-type: none"> <li>Introduction to Computers.</li> <li>Introduction to 'C'</li> <li>Input/Output Statements in 'C'</li> <li>Operators in 'C'</li> <li>Type conversions, Decision controls, conditional branching, Iterative statements</li> <li>Functions, Arrays, Introduction to Structures</li> </ol>	40
		11:15 to 01:15			
		02:00 to 04:00			


**Details of Assignment Questions and Assessment Tools used for Evaluation:**

Sl.No	In_House Subject Experts	Assignment Questions	Assessment Tools used for Evaluation
01	<p><b>Dr. UMADEVI R</b> Asst. Professor, Dept. of Mathematics</p> <p><b>Mr. PRASHANTH KUMAR S</b> Asst. Professor, Dept. of Mathematics</p>	<ol style="list-style-type: none"> <li>1. Prove with usual notation <math>\tan(\theta) = r \{d(\theta)/dr\}</math></li> <li>2. Find radius of curvature of <math>r=a(1+\cos \theta)</math></li> <li>3. If <math>u = x+y+z, v=y+z, z=uvw</math>, find <math>\{\delta(x,y,z)/\delta(u,v,w)\}</math></li> <li>4. P.T: <math>\log \sqrt{(1+x)/(1-x)} = x + (x^3/3)+(x^5/5)+\dots</math></li> <li>5. Solve by GE Method:  <math>3x+y+2z=3</math>  <math>2x-3y-z=-3</math>  <math>x+2y+z=4</math> </li> </ol>	<p>Conducted Quiz on Module-1, Module-2 &amp; Module-5, Evaluation sheet is attached behind</p>
02	<p><b>Mr. MALTESH BAJANTHRI</b> Asst. Professor, Dept. of ECE</p> <p><b>Mr. HARSHA G</b> Asst. Professor, Dept. of ECE</p>	<ol style="list-style-type: none"> <li>1. With a neat circuit diagram &amp; waveforms, explain the working of Full Wave Bridge Rectifier</li> <li>2. Discuss briefly negative feedback amplifier with block diagram</li> <li>3. What is an oscillator? Mention the condition for oscillations</li> <li>4. Prove Demorgans theorem with its statement</li> <li>5. Describe Full adder &amp; deduce the expression for Sum &amp; Carry</li> <li>6. Explain how 7-segment display can be used to display data &amp; write a brief note on operation of LED</li> </ol>	<p>Open Book Test was given in the class room</p>
03	<p><b>Mrs. TEJASWINI S</b> Asst. Professor, Dept. of AI &amp; DS</p>	<ol style="list-style-type: none"> <li>1. What is flow control statements? Discuss if and if else statements with flow chart</li> <li>2. Explain syntax &amp; control flow diagram of break and continue statements</li> <li>3. explain four scope rules of variables in python</li> <li>4. Explain appen() and index() functions with respect to lists in python</li> <li>5. Explain different ways to delete an element from a list with suitable python syntax &amp; programming example</li> </ol>	<p>Google Link - <a href="https://forms.gle/3zkTmUYpjamrmhAz6">https://forms.gle/3zkTmUYpjamrmhAz6</a></p>
04	<p><b>Mr. DHARANESH KUMAR M L</b> Asst. Professor, Dept. of CSE</p>	<ol style="list-style-type: none"> <li>1. Explain the generation of computers in details</li> <li>2. With example, explain the structure of 'C' Program</li> <li>3. Explain i/p &amp; o/p statements in 'C'</li> <li>4. What are operators in 'C'? List &amp; explain each operator with example</li> <li>5. Explain conditional branching statements</li> <li>6. Write a program to find greatest of two numbers</li> </ol>	<p>Google Link - <a href="https://tinyurl.com/3nc9dyrv">https://tinyurl.com/3nc9dyrv</a></p>

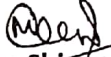
In\_House Subject Experts:

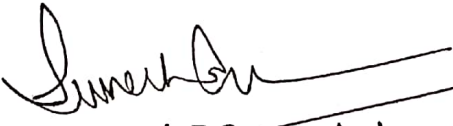
Sl. No.	Name of the Staff	Designation	Signature
01	Dr. UMADEVI R	Asst. Professor, Dept. of Mathematics	
02	Mr. PRASHANTH KUMAR S	Asst. Professor, Dept. of Mathematics	
03	Mr. MALTESH BAJANTHRI	Asst. Professor, Dept. of ECE	
04	Mr. HARSHA G	Asst. Professor, Dept. of ECE	
05	Mrs. TEJASWINI S	Asst. Professor, 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:

  
Dr. Shivaprakash M C  
(Dean Examination)

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