

**Graduation Requirement Checklist: B.Tech. 2020 (CSE) Batch**

Name of the student \_\_\_\_\_  
(As mentioned in Class XII Mark Sheet)

Roll. No. 2020 \_\_\_\_\_

Total Credit Earned (including CW and SG credits) Minimum requirement is 156 academic credits.	Total Credits _____
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Sl.No.	Self-Declaration for Graduation Check		Please tick (v)	Mention details if, <ul style="list-style-type: none"> <li>Replacing any core course</li> <li>Repeated any core course due to "F" grade</li> <li>Improvement done in any core course</li> </ul>															
1.	<ul style="list-style-type: none"> <li>Successfully completed all the core courses (<b>Please tick v the appropriate boxes if you have completed</b>)</li> <li>Courses mentioned in [ ] are core electives and actual courses for these slots are as defined from semester to semester.</li> </ul>																		
(i)	Semester 1	CSE101:Introduction to programming (IP)																	
		ECE111:Digital Circuits (DC)																	
		MTH100: Math I (Linear Algebra)																	
		DES102: Introduction to HCI (IHCI)																	
		COM101:Communication Skills (COM)																	
(ii)	Semester 2	CSE102:Data Structures and Algorithms (DSA)																	
		ECE113: Basic Electronics (BE)																	
		MTH201: Math II Probability and Statistics (P&S)																	
		CSE112 :Computer Organization (CO)																	
(iii)	Semester 3	CSE201:Advanced programming (AP)																	
		CSE231:Operating Systems (OS)																	
		CSE121:Discrete Mathematics (DM)																	
		*[MTH203: Maths III (MTH III) / ECE250: Signals & Systems (S&S) / ECE270: Embedded Logic Design (ELD)]																	
(iv)	Semester 4	CSE202:Fundamentals of Database Management Systems (DBMS)																	
		*[DES130: Prototyping Interactive Systems/ CSE322: Theory of Computation (TOC)]/ BIO221: Practical Bioinformatics]																	
		CSE222: Algorithm Design and Analysis (ADA)																	
		*[MTH204: Math 4/ MTH310: Graph Theory (GT)]																	
(v)	Semester 5	CSE232:Computer Networks (CN)																	
		COM301A:Technical Communication (TCom)																	
		ESC205A: Environmental Sciences (EVS) / ESC207A: Ecology Evolution and Environment (EEE)																	
2.	Done at least 12 credits of Social Sciences & Humanities Courses (SSH) Mention the details <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Course Code</th><th>Course Name</th><th>Completed Semester</th></tr> </thead> <tbody> <tr> <td>Course 1:</td><td></td><td></td></tr> <tr> <td>Course 2:</td><td></td><td></td></tr> <tr> <td>Course 3:</td><td></td><td></td></tr> <tr> <td></td><td></td><td></td></tr> </tbody> </table>				Course Code	Course Name	Completed Semester	Course 1:			Course 2:			Course 3:					
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Course 3:																			

3.	Done 2 credits each of Community Work and Self Growth (Total 4). Mention the details below;		
	<b>SG/CW</b>	<b>Semester</b>	
	Community Work		
	Self Growth		

  

4.	Must have done 32 Credits of CSE Courses in last four semesters. Online courses with CSE numbers done in last 4 semesters can be counted towards this requirement. (BTP / IP / IS / UR cannot count for this requirement)  Please mention the course codes below:		
	Course 1:	Course 5:	
	Course 2:	Course 6:	
	Course 3:	Course 7:	
	Course 4:	Course 8:	

  

5.	At most 8 credits of IP/IS/UR combined may be counted towards Graduation. Incomplete BTP <b>CANNOT</b> be counted as IP. Mention the details of IP/IS/UR (if done any)		
	<b>Course Code</b>	<b>Semester</b>	
	1.		
	2.		

  

6.	At most 8 credits of Online Courses (including TA credits) may be counted towards graduation (Optional). Mention the Course details (if done any)		
	<b>Course Code</b>	<b>Semester</b>	
	1.		
	2.		
	3.		
	4.		
	5.		
	6.		

  

7.	Have done maximum two 2xx level courses in last 4 semester (excluding SSH courses of 2xx level). Mention the details:		
	<b>Course Code</b>	<b>Course Name</b>	<b>Semester</b>
	1.		
	2.		

  

8.	Have done at least one TOC / Maths of 200 level or above course (Mention the course you have done under this slot)  Mention the details:		
	<b>Course Code</b>	<b>Course Name</b>	<b>Semester</b>
	1.		
	2.		

9.	BTP (At most 12 credits of BTP spread over minimum 2 semesters is allowed. (If the BTP is not completed, the credits will not be counted in total credits) <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid orange; width: 50px; height: 20px; display: inline-block;"></div>           No. of Credits done           <div style="border: 1px solid orange; width: 50px; height: 20px; display: inline-block;"></div>           Completed           <div style="border: 1px solid orange; width: 50px; height: 20px; display: inline-block;"></div>           Incomplete BTP         </div> <p>Mention the details (if done any)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Course Code</th> <th style="width: 30%;">Semester</th> </tr> </thead> <tbody> <tr><td>1.</td><td></td></tr> <tr><td>2.</td><td></td></tr> <tr><td>3.</td><td></td></tr> </tbody> </table>						Course Code	Semester	1.		2.		3.																																			
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10.	Have you taken any courses for improvement, if yes pls fill the below table: <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid blue; width: 50px; height: 20px; display: inline-block;"></div>           Yes           <div style="border: 1px solid blue; width: 50px; height: 20px; display: inline-block;"></div>           No         </div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;"></th> <th style="width: 20%;">Course which was improved in later semesters (Col A)</th> <th style="width: 20%;">Semester in which the course was done first time</th> <th style="width: 10%;">Grade</th> <th style="width: 20%;">Course done for improving the course mentioned in Col A</th> <th style="width: 20%;">Semester in which the improvement course was done</th> <th style="width: 10%;">New Grade</th> </tr> </thead> <tbody> <tr><td>Course 1</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Course 2</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Course 3</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Course 4</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Course 5</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>							Course which was improved in later semesters (Col A)	Semester in which the course was done first time	Grade	Course done for improving the course mentioned in Col A	Semester in which the improvement course was done	New Grade	Course 1							Course 2							Course 3							Course 4							Course 5						
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11.	Whether eligible for degree with HONORS? (CGPA-8, 12 Additional Discipline Credits from Inclass courses, must have done at least 8 credits of BTP)  a) Mention the extra 12 credit course details: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Course Code</th> <th style="width: 40%;">Course Name</th> <th style="width: 30%;">Semester</th> </tr> </thead> <tbody> <tr><td>1.</td><td></td><td></td></tr> <tr><td>2.</td><td></td><td></td></tr> <tr><td>3.</td><td></td><td></td></tr> </tbody> </table> <p>b) Done BTP Credits : _____</p> <p>c) CGPA above 8.00 : _____</p>						Course Code	Course Name	Semester	1.			2.			3.																																
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	Course 3:		
	Course 4:		

  

14.	Whether eligible for degree with Minor in Entrepreneurship? (If yes, list down the courses)		
	<b>Course Code</b>	<b>Course Name</b>	<b>Semester</b>
	Course 1:		
	Course 2:		
	Course 3:		
	Course 4:		
	Course 5:		
	BTP (Sem):	Title:	
	Apprenticeship:	Details:	
	External Visits & Interactions	Details:	

  

15.	Whether eligible for degree with Minor in Quantum Mechanics? (If yes, list down the courses)		
	<b>Course Code</b>	<b>Course Name</b>	<b>Semester</b>
	Course 1:		
	Course 2:		
	Course 3:		
	Course 4:		
	Project / Self Study	Details:	

Date of Completion of Graduation Requirement: ☐ 21 June 2024 ☐ 21 Sept 2024 ☐ 21 January 2025

**Student's Signature (With Date)**

.....For Office Use only.....

<i>Is the student Graduating</i>	<input type="checkbox"/>	<i>Yes</i>	<input type="checkbox"/>	<i>No</i>
<i>Total Credits Completed</i>				
<i>Final CGPA</i>				
<i>Completed SG / CW Credits</i>	<input type="checkbox"/>	<i>Yes</i>	<input type="checkbox"/>	<i>No</i>
<i>Completed SSH Credits</i>	<input type="checkbox"/>	<i>Yes</i>	<input type="checkbox"/>	<i>No</i>
<i>Completed BTP Credits</i>	<input type="checkbox"/>	<i>Yes</i>	<input type="checkbox"/>	<i>No</i>
<i>Completed IP / IS / UR Credits</i>	<input type="checkbox"/>	<i>Yes</i>	<input type="checkbox"/>	<i>No</i>
<i>Completed Departmental 32 Credits</i>	<input type="checkbox"/>	<i>Yes</i>	<input type="checkbox"/>	<i>No</i>
<i>Graduating with Honors</i>	<input type="checkbox"/>	<i>Yes</i>	<input type="checkbox"/>	<i>No</i>
<i>Graduating with Minors</i>	<input type="checkbox"/>	<i>Yes</i>	<input type="checkbox"/>	<i>No</i>
<i>Mention the stream of Minors</i>				

JM (Academics)

AM (Academics)

Manager (Academics)

DOAA