

**CONTINUOUS INTERNAL EVALUATION- 3**

Dept:ME	Sem / Div:VI A	Sub:NON-TRADITIONAL <b>MACHINING</b>	S Code:18ME641
Date:05/08/2021	Time: 3:00-4:30 PM	Max Marks: 50	Elective:Y

Note: Answer any 2 full questions, choosing one full question from each part.

Q N	Questions	Marks	RBT	COs
<b>PART A</b>				
1 a	Explain the principle of electro chemical grinding, with neat sketch and also list the advantages, limitations and applications of ECG process	10	L2	CO3
b	List the advantages, limitations and applications of EDM process.	10	L2	CO4
c	Explain the process characteristics of CHM.	5	L2	CO3
<b>OR</b>				
2 a	Explain the chemical milling process with neat sketch.	10	L2	CO3
b	Explain the different types of dielectric fluid flushing methods in EDM Process.	10	L2	CO4
c	Explain electro chemical honing process with neat sketch.	5	L2	CO3
<b>PART B</b>				
3 a	Explain different types of ECM tooling technique with neat sketch.	10	L2	CO3
b	Explain with sketch, the Servo feed mechanism in EDM process.	10	L2	CO4
c	Explain the safety precautions in PAM.	5	L2	CO4
<b>OR</b>				
4 a	Explain plasma arc machining with neat sketch.	10	L2	CO4
b	State the advantages,limitations and applications of chemical machining process.	10	L2	CO3
c	Explain the process parameters of PAM.	5	L2	CO4