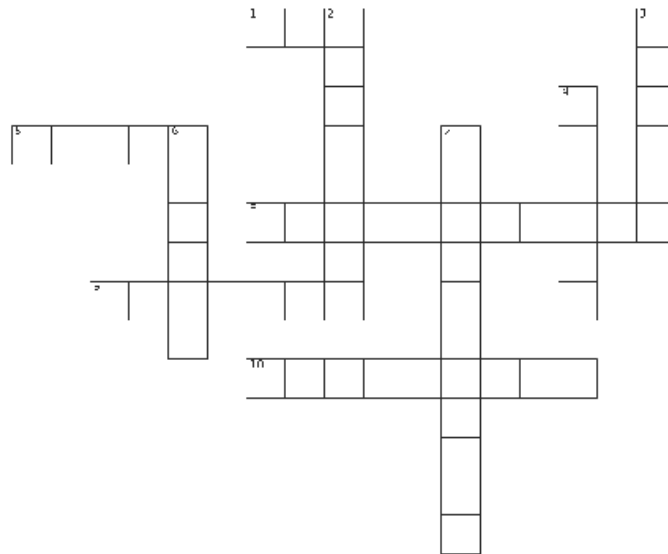# SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)
Department of Aerospace Engineering

19ASZ401 - 3D Printing for Space Components

ACROSS

1. The file format commonly used in 3D printing for CAD model slicing.
5. The liquid material used in photopolymerization that solidifies when exposed to light.
8. The direction in which a part is positioned in the build chamber to optimize printing.
9. The process by which materials are liquefied in powder bed fusion methods like EBM.
10. The process of fusing powder particles together using heat in SLS.

DOWN

2. The process of adding material in successive thin sheets to build a 3D object.
3. The process of joining powder particles together in additive manufacturing.
4. The process of hardening photopolymer resin in SLA printing.
6. The component in 3D printers that extrudes material during printing.
7. Part of the name for a photo-polymerization process used in 3D printing (e.g., SLA).

Use the clues to fill in the words above.

Words can go across or down.
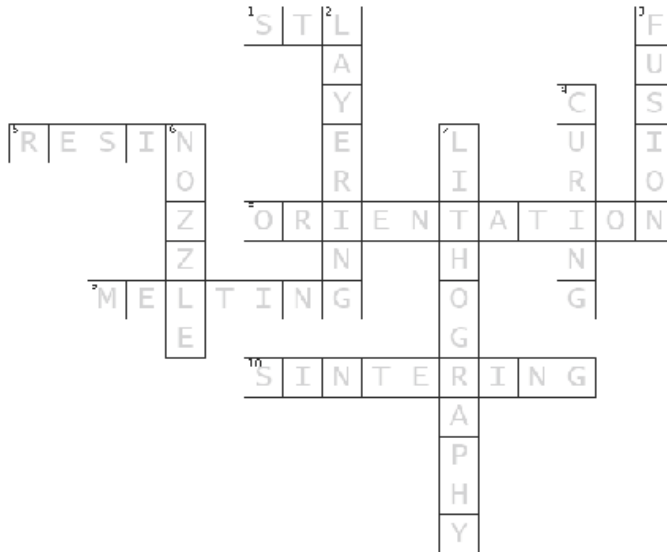Letters are shared when the words intersect.

10 of 10 words placed.

ANSWER KEY

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