SETHU INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)
PULLOOR, KARIAPATTI – 626 115

SUB.CODE: 19UCH406

SUB.NAME: MASS TRANSFER-I

CATEGORY: EMPLOYABILITY

- The theory of mass transfer allows for the computation of mass flux in a system and the distribution of the mass of different species over time and space in such a system, also when chemical reactions are present.
- The purpose of such computations is to understand, and possibly design or control, such a system.
- As mentioned above, separation requires that mass be transported from one location to another. ...
- It is important to remember that **bulk flow and mass transfer due to convection may create the essential concentration gradient for diffusion** and thus play a significant role in the separation process.
- Mass transfer is the net movement of mass from one location, usually meaning stream, phase, fraction or component, to another. Mass transfer occurs in many processes, such as **absorption, evaporation, drying, precipitation, membrane filtration, and distillation**.

COURSE CORDINATOR

HEAD OF DEPARTMENT

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