

**Program of lectures by Associate Professor of Indian Institute of Technology Delhi**  
**Dr. Supreet Singh Bahga.**

<b>Thursday, 18 May</b>	
KNRTU Building "B" (B) B-101, 11:20 – 12:50	Lecture №1: Introduction to Microfluidics. Review lecture for students. Q&A.
<b>Friday, 19 May</b>	
KNRTU Building "A" Round Hall, 9:40 – 11:20	Lecture №2: Introduction to Microfluidics. Review lecture for the University Administration.
<b>Tuesday, 23 May</b>	
KNRTU Building "B" (B) B-101, 14:40 – 16:10	Lecture №3: Flow physics at micrometric scale. Scaling laws and dimensionless numbers. Governing equations for fluid flow. Reynolds number. Basic flow solutions. Q&A.
<b>Thursday, 25 May</b>	
KNRTU Building "B" (B) B-101, 11:20 – 12:50	Lecture №4: Diffusion. Q&A.
<b>Friday, 26 May</b>	
KNRTU Building "B" (B) B-101, 9:40 – 11:20	Lecture №5: Taylor-Aris Dispersion.
<b>Monday, 29 May</b>	
KNRTU Building "B" (B) B-101, 12:10 – 13:30	Lecture №6: Capillarity and surface tension. Wetting. Q&A.
<b>Tuesday, 30 May</b>	
KNRTU Building "B" (B) B-101, 14:40 – 16:10	Lecture №7: Introduction to manufacturing methods. Micromachining, soft lithography and so on. Replication Methods. Q&A.