**Lecture 1**

|  |  |
| --- | --- |
| **Video title** | **Link** |
| Nonwovens Introduction | https://www.convergencetraining.com/nonwovens-introduction.html |
| About nonwoven | https://www.youtube.com/watch?v=ddwvTWqD5U0 |
| Bicomponent fiber preparation | https://www.youtube.com/watch?v=oIKcnKYOIOc |

**Lecture 2:**

|  |  |
| --- | --- |
| **Video title** | **Link** |
| **Needlepunch Nonwoven Manufacturing Video****Where Needlepunch Meets Versatility Video** | <https://www.inda.org/about-nonwovens/> |
| **Nonwovens Forming Processes-dry laid, wet laid-spunmelt (spunbond-meltblown)** | https://www.convergencetraining.com/nonwovens-forming-processes.html |
| **Nonwovens finishing process** | https://www.convergencetraining.com/nonwovens-bonding-processes.html |
| **Needlepunch Manufacturing** | https://www.youtube.com/watch?v=svSrMscW-0o |
| **Needlepunch Manufacturing** | https://www.youtube.com/watch?v=gmSvhhxo6xA |
| **Focus: Felting Needle** | https://www.youtube.com/watch?v=eDvu1J48DFM |
| **Spunbond Machine, Non Woven Fabric Making Machine** | https://www.youtube.com/watch?v=B6iziVtze3A |
| **Nonwoven production methods** | https://www.donlow.co.uk/gb/en/nonwovens/ |
| **Nonwoven bonding process** | https://www.youtube.com/watch?v=Vqd\_pwPP0Xg |
| **Hydroentangled Nonwovens** | https://www.youtube.com/watch?v=fmyBMdckg6c |
| **Spunbond VS Meltblown** | https://www.youtube.com/watch?v=b139gzL3pds |
| **SPUNLACE MACHINE FOR HYDROENTANGLEMENT** | https://www.youtube.com/watch?v=Q-cKPJD6aQY |

**Lecture 3**

|  |  |
| --- | --- |
| **Video title** | **Link** |
| **Fascinating nonwovens** | https://www.youtube.com/watch?v=SRaZabx54p8&t=1s |
| **Ultrasonic bonding face mask** | https://www.dukane.com/markets-we-serve/fabric-film/ |
| **Super absorbent fibres and nonwoven fabrics** | https://www.youtube.com/watch?v=qR9GwGgxgqY |
| **Nonwoven recycling and application** | https://www.youtube.com/watch?v=FOek8tYe6Hc |

**Lecture 4**

|  |  |
| --- | --- |
| **Video title** | **Link** |
| **Nanofibers: from an idea to industrial production** | https://www.youtube.com/watch?v=UbgjqcLHLoU |
| **Nanofiber applications at the Technical University of Liberec** | https://www.youtube.com/watch?v=XP-cAXtyPc8 |
| **Nanofiber applications at ZHAW** | https://www.youtube.com/watch?v=8W6koPnjCig |
| **How To Find The Diameter Of Nanofiber Using ImageJ** | https://www.youtube.com/watch?v=TmQwKs5GmbU |
|  |  |