

## “Biotech Skill Development Series (BSDS) - 2018”

**“Join One week of Free Hands-on Industrial Skill Training Programme with State of Art Lectures @MRD LifeSciences\_Lucknow”**

**Kind Attn:** MRD LifeSciences\_Lucknow (Top ranked in India for Training & Research); introducing Biotech Skill Development Series, Our development series focuses on enhancing skills (skilling youth for the world) and developing a strong mental edge.; we offer “One week of free hands-on industrial skill training programme with state of art lectures @MRD LifeSciences\_Lucknow.”

**This training will be an attempt for betterment.....!!**

### **DETAILS ARE AS FOLLOWS:-**

#### **Commencement of training:**

September 01 – 07, 2018. (Timing: 10:00 AM to 4:30 PM).

September 22 – 28, 2018. (Timing: 10:00 AM to 4:30 PM).

October 11 – 17, 2018. (Timing: 10:00 AM to 4:30 PM).

November 14 – 20, 2018. (Timing: 10:00 AM to 4:30 PM).

**Maximum Intake Capacity: 80 Seats (20 Seats for Each Batch)**

#### **TOPICS TO BE COVERED:**

##### **(1) HPLC (High Performance Liquid Chromatography) [Brand: Shimadzu]**

- Introduction of chromatographic techniques & HPLC components.
- Operational steps of HPLC.
- Analysis & purification of biomolecules.
- Data analysis.

##### **(2) RT - PCR (Real Time PCR) [Brand: Agilent Technologies]**

- Introduction of RT-PCR.
- Applications of RT-PCR.
- (a) Gene expression analysis. (b) NGS quantification. (c) miRNA quantification.
- (d) Genotyping/HRM. (e) Rare allele detection. (f) Nucleic acid monitoring.
- Operational steps of RT-PCR.
- Graphical analysis.

##### **(3) PCR (Polymerase Chain Reaction) [Brand: Applied Biosystems]**

- Introduction of PCR.
- Extraction of DNA from plants/microbes.
- Amplification of DNA.
- Agarose Gel Electrophoresis of PCR products.
- Imaging of PCR products by Gel Doc System.

#### **HOW TO APPLY?**

**Note:** No registration/ participation fee required. Selection of candidates is based on

**FIRST COME FIRST SERVE BASIS.**

To get the participation form, please call to-  
+91-9838511116 / 9648911116 or

Email: [info.mrdls@gmail.com](mailto:info.mrdls@gmail.com)

#### **CONTACT US:**

Team Training,

MRD LifeSciences (P) Ltd.

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Website: [www.mrdlifesciences.com](http://www.mrdlifesciences.com)

##### **(4) Elisa Reader [Brand: Robonik]**

- Introduction of Elisa Reader.
- Types of Elisa & their applications.
- Detection of Thyroid/ Hepatitis (By kit).
- Operational steps of Elisa Reader.

**Note: No registration / participation fee required. Absolutely 100% free Training.**

\*\*\*Certificate will be provided only on demand\_T&C apply, For details please contact on +91-9838511116 / 9648911116.

\*\*\*Accommodation available for outstation candidates

@ 2000/- (Male) & 1800/- (Female) for one week with fooding.

For accommodation, please contact to - Mrs Jyoti Saxena, Mob. No. 09935378048 / 09919992022.



# Centre of Excellence