

Kind Attn: Pay Less Money & Learn 30-40% More Technology from Other Company, 100% Money back guaranteed: If students will not be satisfied after one week of training.
(Top ranked in India for Training & Research.....Hurry-up for Project/Dissertation work).

INFORMATION BROCHURE

MRD LifeSciences™ (MRDLS) is an innovative Life Science Research based organization approved by **Ministry of Corporate Affairs, Government of India (Registered Under NCT) & An ISO 9001:2008, JAS-ANZ Certified Company**, having well equipped state of art laboratory with a multidisciplinary team of scientists and research associates that provide technology solutions and analytical support to the biotech and pharmaceutical industries. **MRD LifeSciences™** also organizes workshops and short term courses in Biotechnology, Molecular Biology and other fields of Life Sciences & is committed to provide excellent Hands-on training with State of Art Lecture to graduate/post graduate candidates either pursuing or passed out in the field of Biotechnology, Molecular Biology, Microbiology, Biochemistry, Bioinformatics & other fields of Life Sciences for a duration of One Week to Six Months.

NOTE: For **Project/ Dissertation works**, Please see **Module-12**.

Eligibility Criteria:

All those candidates either pursuing or passed out having back ground of B.Sc Biotechnology/Microbiology/Industrial Microbiology/Food Technology, B.Sc. Hons. Biotechnology, B.Tech Biotechnology/Food Technology, M.Sc./M-Tech/Ph.D. Biotechnology/Microbiology/Industrial Microbiology, Food Technology, Genetic Engineering, Molecular Biology, Biochemistry, Bioinformatics & other field of Life Sciences such as Pharmacy, Botany & Zoology are eligible to apply for any certification course.

Certification: The candidates will be awarded with specified certificate after successful completion of any course for program code CRT-01 to CRT-12, CRT-IFT, CRT-PAA, CRT-AG, CRT-QA&QC, CRT-CBT & CRT-BI.

Registration Open For All Modules @ July 2024 – Dec 2024 Batches

| Details | July 2024 Batch | Aug 2024 Batch | Sep 2024 Batch | Oct 2024 Batch |
|-----------------------------------|--|--------------------------|--------------------------|--------------------------|
| Last Date for Registration | Before 2 Days from starting date of particular batch. T&C apply*. | | | |
| Starting Date | July 01/09/16 & 23, 2024. | Aug 01/08/16 & 23, 2024. | Sep 01/10/17 & 24, 2024. | Oct 01/08/15 & 22, 2024. |

Training Module

Module 1: “Hands-on Industrial Training with State of Art Lectures on Advanced Biotech Techniques *i.e.* Mixed Module*” (Program Code: CRT-01).

(THIS IS OUR MOST EFFECTIVE MODULE)

Mixed Module* (Includes the techniques from Microbiology/Molecular Biology/ Biochemical - Proteomics/Enzymology & RDT)

| | | |
|----------------------|--------------------------|--------------------|
| Duration | 30 Days/One Month | 15 Days |
| Seats | 20 | 15 |
| Fee Structure | Rs. 8,500/- | Rs. 5,200/- |

(Note: GST additional as per applicable.)

Module 2: “Hands-on Industrial Training with State of Art Lectures on Basic & Advanced Industrial Microbiology” (Program Code: CRT-02).

| | | |
|----------------------|--------------------------|--------------------|
| Duration | 30 Days/One Month | 15 Days |
| Seats | 15 | 10 |
| Fee Structure | Rs. 7,500/- | Rs. 4,800/- |

(Note: GST additional as per applicable.)

Module 3: “Hands-on Industrial Training with State of Art Lectures on Basic & Advanced Molecular Biology” (Program Code: CRT-03).

| | | |
|----------------------|--------------------------|--------------------|
| Duration | 30 Days/One Month | 15 Days |
| Seats | 15 | 10 |
| Fee Structure | Rs. 8,000/- | Rs. 4,800/- |

(Note: GST additional as per applicable.)

Module 4: “Hands-on Industrial Training with State of Art Lectures on Basic & Advanced Biochemical Techniques & Proteomics” (Program Code: CRT-04).

| | | |
|----------------------|--------------------------|--------------------|
| Duration | 30 Days/One Month | 15 Days |
| Seats | 15 | 10 |
| Fee Structure | Rs. 7,000/- | Rs. 4,800/- |

(Note: GST additional as per applicable.)

Module 5: “Hands-on Industrial Training with State of Art Lectures on Enzymology” (Program Code: CRT-05).

| | | |
|----------------------|--------------------------|--------------------|
| Duration | 30 Days/One Month | 15 Days |
| Seats | 15 | 10 |
| Fee Structure | Rs. 8,000/- | Rs. 4,800/- |

(Note: GST additional as per applicable.)

Module 6: “Hands-on Industrial Training with State of Art Lectures on Recombinant DNA Technology (RDT)” (Program Code: CRT-06).

| | |
|---------------|-------------------|
| Duration | 30 Days/One Month |
| Seats | 15 |
| Fee Structure | Rs. 8,000/- |

(Note: GST additional as per applicable.)

Module 7: “Hands-on Industrial Training with State of Art Lectures on Basic Biotech Techniques i.e. Mixed module” (Program Code: CRT-07).

| | |
|---------------|-------------------|
| Duration | 30 Days/One Month |
| Seats | 15 |
| Fee Structure | Rs. 6,500/- |

(Note: GST additional as per applicable.)

Module 8: “Hands-on Industrial Training with State of Art Lectures on HPLC, PCR & Gel Doc System + RT-PCR (Additional)” (Program Code: CRT-08).

| | |
|---------------|--------------------------|
| Duration | 15 Days |
| Seats | 10 |
| Fee Structure | Rs. 5,800/- & Rs. 8500/- |

(Note: GST additional as per applicable.)

Module 9: “Hands-on Industrial Training with State of Art Lectures on Specialized Biotech Techniques” (Program Code: CRT-09).

(THIS IS OUR SECOND MOST EFFECTIVE AS WELL AS JOB ORIENTED* MODULE)

| | | |
|---------------|--------------|--------------|
| Duration | 45 Days | 60 Days* |
| Seats | 15 | 10 |
| Fee Structure | Rs. 10,000/- | Rs. 12,000/- |

(Note: GST additional as per applicable.)

Module 10: “Hands-on Industrial Training with State of Art Lectures on Bioprocess Engineering/ Bioprocess Technology/ Fermentation Technology” (Program Code: CRT-10).

(MOST EFFECTIVE MODULE as per INDUSTRIAL DEMAND)

| | | |
|----------------------|--------------------------|--------------------|
| Duration | 30 Days/One Month | 15 Days |
| Seats | 15 | 15 |
| Fee Structure | Rs. 8,500/- | Rs. 5,800/- |

(Note: GST additional as per applicable.)

Module 11: “Hands-on Industrial Training with State of Art Lectures on Genomics & Proteomics” (Program Code: CRT-11).

| | |
|----------------------|--------------------------|
| Duration | 30 Days/One Month |
| Seats | 15 |
| Fee Structure | Rs. 8,000/- |

(Note: GST additional as per applicable.)

NOTE: For getting complete technique details of Program code CRT- 01 to CRT-11, CRT-CBT, CRT-IFT & CRT-PAA; Please Download Module Details.

Module 12: “Hands-on Industrial **Project/Dissertation work** with State of Art Lectures” (Program Code: CRT-12).

(Professional Module)

| Option | Duration | Seats | Fee Structure |
|---------------|-----------------|--------------|----------------------|
| CRT-12/1 | 1 Month | 10 | Rs. 7,000/- |
| CRT-12/2 | 2 Months | 10 | Rs. 12,000/- |
| CRT-12/3 | 3 Months | 10 | Rs. 18,000/- |
| CRT-12/4 | 4 Months | 10 | Rs. 24,000/- |
| CRT-12/5 | 5 Months | 10 | Rs. 30,000/- |
| CRT-12/6 | 6 Months | 10 | Rs. 35,000/- |

(Note: GST additional as per applicable.)

(NOTE: 15% fee will be charged extra for molecular biology project work)

(Economical Module)

| Option | Duration | Seats | Fee Structure |
|---------------|-----------------|--------------|----------------------|
| CRT-12/E-1 | 1 Month | 10 | Rs. 6,500/- |
| CRT-12/E-2 | 2 Months | 10 | Rs. 10,000/- |
| CRT-12/E-3 | 3 Months | 10 | Rs. 15,000/- |
| CRT-12/E-4 | 4 Months | 10 | Rs. 20,000/- |
| CRT-12/E-5 | 5 Months | 10 | Rs. 22,000/- |
| CRT-12/E-6 | 6 Months | 10 | Rs. 25,000/- |

(Note: GST additional as per applicable.)

(NOTE: 15% fee will be charged extra for molecular biology project work)

Registration Open For All Modules @ July 2024 – Dec 2024 Batches

| Details | July 2024 Batch | Aug 2024 Batch | Sep 2024 Batch | Oct 2024 Batch |
|-----------------------------------|--|--------------------------|--------------------------|--------------------------|
| Last Date for Registration | Before 2 Days from starting date of particular batch. T&C apply*. | | | |
| Starting Date | July 01/09/16 & 23, 2024. | Aug 01/08/16 & 23, 2024. | Sep 01/10/17 & 24, 2024. | Oct 01/08/15 & 22, 2024. |

NOTE: Candidates (CRT-12) will work on an assigned *Live Project* for Option-2 to 6. Projects will be related to following areas-

| | |
|--------------------------------|------------------------------|
| ➤ Genetic Diversity | ➤ Molecular Biology |
| ➤ Industrial Microbiology | ➤ Enzymology |
| ➤ Plant metabolites | ➤ Antibiotics |
| ➤ Waste Management | ➤ Bioremediation |
| ➤ Biochemistry | ➤ Genetic Engineering |
| ➤ Forensic Science | ➤ Food Technology |
| ➤ Biofertilizer | ➤ Nanotechnology |
| ➤ Pharmaceutics & Pharmacology | ➤ Herbal Pharmaceutics |
| ➤ Infection Biology | ➤ & Other high demand areas. |

NOTE: MRD LifeSciences™ provides a platform to all outstanding candidates who are doing Project/Dissertation work in our lab & help them to publish their papers in National & International Scientific Journals based on their findings of Projects (Accepted: 117, Published: 97 in International & 8 in National Journals).

Module IFT: “Hands-on Industrial Training with State of Art Lectures on Basic & Advanced Industrial Food Technology” (Program Code: CRT-IFT).

| | | |
|----------------------|--------------------------|--------------------|
| Duration | 30 Days/One Month | 15 Days |
| Seats | 20 | 15 |
| Fee Structure | Rs. 8,000/- | Rs. 5,200/- |

(Note: GST additional as per applicable.)

Module PAA (Pharmacy): “Hands-on Industrial Training with State of Art Lectures in Pharmaceutical & Analytical Analysis” (Program Code: CRT-PAA).

| | |
|----------------------|--------------------|
| Duration | 6 Weeks |
| Seats | 15 |
| Fee Structure | Rs. 8,500/- |

(Note: GST additional as per applicable.)

Module AG: “Hands-on Industrial Training with State of Art Lectures in Agriculture”
(Program Code: CRT-AG).

| | | |
|----------------------|--------------------------|--------------------|
| Duration | 30 Days/One Month | 15 Days |
| Seats | 20 | 15 |
| Fee Structure | Rs. 8,500/- | Rs. 5,200/- |

(Note: GST additional as per applicable.)

Module QA&QC: : “Hands-on Industrial Training with State of Art Lectures in Quality Assurance & Quality Control” (Program Code: CRT-QA & QC).

| | |
|----------------------|--------------------------|
| Duration | 30 Days/One Month |
| Seats | 20 |
| Fee Structure | Rs. 8,500/- |

(Note: GST additional as per applicable.)

Module CBT: “Hands-on Industrial Training with State of Art Lectures on Customized Biotech Techniques” (Program Code: CRT-CBT).

| | |
|----------------------|--|
| Duration | One Week/ 7 Days |
| Seats | 15 |
| Fee Structure | Rs. 1800/-, 2000/-, 5200/- & 5800/- |

(Note: GST additional as per applicable.)

Module BI: “Hands-on Industrial Training with State of Art Lectures in Bioinformatics” (Program Code: CRT-BI).

Please download bioinfo training module via following link-

<http://www.mrdlifesciences.com/module.php#ModuleBI>

(Note: GST additional as per applicable.)

Recent Publications:

- (1) “Biodegradation of Azo Dye by Moderately Halotolerant *Bacillus megaterium* and Study of Enzyme Azoreductase Involved in Degradation” published in **Journal of Advanced Biotechnology**, Volume 10, Issue 07, January 2011.
- (2) “A study on partial purification and characterization of extracellular amylases from *Bacillus subtilis*” published in **Advances in Applied Science Research**, 2011, 2 (3): 509-519.
- (3) “Isolation and characterization of micro-organism from oil contaminated sites” published in **Advances in Applied Science Research**, 2011, 2 (3): 455-460.

- (4) “A Study on Antibacterial Properties of *Rosa indica* against Various Pathogens” published in **Asian Journal of Plant Science and Research**, 2011, 1 (1): 22-30.
- (5) “Deciphering Cow Dung for Cellulase Producing Bacteria” published in **European Journal of Experimental Biology**, 2011, 1 (1):139-147.
- (6) “A Study on Partial Purification and Characterization of Extracellular Alkaline Amylases from *Bacillus megaterium* by Solid State Fermentation” published in **International Journal of Applied Biology and Pharmaceutical Technology**, Volume: 2: Issue-3: July-Sept -2011 (37-46).
- (7) “A Study on Oil Degradation Potential of *Bacillus megaterium* Isolated from Oil Contaminated Sites in Lucknow” published in **Archives of Applied Science Research**, 2011, 3 (4):513-517.
- (8) “Antibacterial Properties of *Punica Granatum* Peels” published in **International Journal of Applied Biology and Pharmaceutical Technology**, Volume: 2: Issue-3: July-Sept -2011 (23-27).
- (9) “A Study on Oil Degradation Potential of a *Coccus spp.* Isolated from Oil Contaminated Sites in Lucknow, India” published in **Journal of Pharmaceutical and Biomedical Sciences**, 2011, 9 (16).
- (10) “A Study on Isolation, Purification and Antibiogram Analysis of Antimicrobials Extracted from *Bacillus megaterium*” published in **Journal of Advanced Biotechnology**, Volume 11, Issue 02, August 2011.
- (11) “Antifungal properties of *Anthocephalus cadamba* fruits” published in **Asian Journal of Plant Science and Research**, 2011, 1 (2):81-87.
- (12) “Effect of metal ions and drugs on antibacterial activities of *Nigella sativa* (L.) seeds” published in **European Journal of Experimental Biology**, 2011, 1 (2):41-46.
- (13) “A study of extract optimization and effect of metal ions on antibacterial properties of *Argemone mexicana*” published in **Asian Journal of Plant Science and Research**, 2011, 1 (2):43-48.
- (14) “Antibacterial properties of *Anthocephalus cadamba* fruits” published in **Asian Journal of Plant Science and Research**, 2011, 1 (2):1-7.
- (15) “Antibacterial activity of *Syzygium aromaticum* (clove) with metal ion effect against food borne pathogens” published in **Asian Journal of Plant Science and Research**, 2011, 1 (2):69-80.
- (16) “In Vitro Evaluation of Antibacterial Properties of *Psidium guajava*” published in **Journal of Pharmaceutical and Biomedical Sciences**, 2011, 10 (10).
- (17) “Evaluation of Antibacterial Properties of Extracts of *Piper betel* Leaf” published in **Journal of Pharmaceutical and Biomedical Sciences**, 2011, 11 (01).
- (18) “Assessment of Antifungal Properties of *Ricinus communis*” published in **Journal of Pharmaceutical and Biomedical Sciences**, 2011, 11 (02).

- (19) “Isolation and Characterization of Multi-Drug Resistant Cultures from Aquatic Areas” published in **Journal of Advanced Biotechnology**, Volume 11, Issue 04, October 2011.
- (20) “A Study of Extract Optimization and Antibacterial Properties of *Lawsonia inermis*” published in **Journal of Pharmaceutical and Biomedical Sciences**, 2011, 11 (07).
- (21) “In Vitro Evaluation of Antibacterial Properties of *Ricinus communis*” published in **International Journal of Pharmaceutical Research and Development**, 2011; Vol 3(8): November 2011 (77 - 81).
- (22) “In Vitro Evaluation of Oil Degradation Potential of *Bacillus subtilis*” published in **International Journal of Plant, Animal and Environmental Sciences**, Volume-1, Issue-3 Sept-Nov-2011 (8-12).
- (23) “Production of Alpha Amylases by *Aspergillus niger* using Cheaper Substrates Employing Solid State Fermentation” published in **International Journal of Plant, Animal and Environmental Sciences**, Volume-1, Issue-3 Sept-Nov-2011 (100-108).
- (24) “Production of Cellulase using Cheap Substrates by Solid State Fermentation” published in **International Journal of Plant, Animal and Environmental Sciences**, Volume-1, Issue-3 Sept-Nov-2011 (179-187).
- (25) “Isolation and Characterization of *Actinomycetes* from Soil and Evaluation of Antibacterial Activities of *Actinomycetes* against Pathogens” published in **International Journal of Applied Biology and Pharmaceutical Technology**, Volume: 2: Issue-4: Oct-Dec-2011 (384-392).
- (26) “Extraction and Purification of Antibacterial Metabolites from *Actinomycetes* Spp. Isolated from Soil Sample” published in **International Journal of Pharmaceutical Research and Development**, 2011; Vol 3(10): December 2011 (63 - 71).
- (27) “Evaluation of Oil Degradation Potential of *Micrococcus varians*” published in **International Journal of Applied Biology and Pharmaceutical Technology**, Volume: 2: Issue-4: Oct-Dec-2011 (75-80).
- (28) “Application of Oil Degrading Bacterial Isolates for Remediation of Oil Contaminated Soil” published in **Journal of Pharmaceutical and Biomedical Sciences**, 2011, 12 (01).
- (29) “Antibacterial Properties of *Rosa indica* (L.) Stem, Leaves and Flowers” published in **Journal of Pharmaceutical and Biomedical Sciences**, 2011, 12 (15).
- (30) “Study of Culture Conditions and Antimicrobial Drug Production Properties of *Acinetobacter baumannii*” published in **Journal of Pharmaceutical and Biomedical Sciences**, 2011, 12 (16).
- (31) “Effect of UV Radiations on Enzyme Kinetics of Extracellular Amylases Isolated from *Bacillus subtilis*” published in **Journal of Advanced Biotechnology**, Volume 11, Issue 06, December 2011.
- (32) “Insilico Identification of Novel Compound Against Urinary Tract Infection” published in **International Research Journal of Biological Sciences**, Vol. 5(3), 51-55, March (2016).
- [\(Note: A lot more & PDF of above research papers are available online/our website\)](#)

FACILITIES

- ▶ A Strong Research Paper/Abstract Publication facility (National & International Scientific Journals).
- ▶ Fully air conditioned with Wi-Fi zone.
- ▶ Well equipped lab with separate conference hall (having digital projector).
- ▶ Individual handling on each technique during lab.
- ▶ Library facility & e-Book facility.
- ▶ 100% accommodation assistance to all the trainees.
- ▶ Career counselling services to all the trainees.
- ▶ Quiz competition with special prizes in each batch for program code CRT-01 to CRT-11, CRT-IFT, CRT-PAA, CRT-AG & CRT-QA&QC.

NOTE: EACH CANDIDATE WILL GET LABORATORY MANUAL BOOKLET.

PLACEMENT ASSISTANCE OPPORTUNITY: (1) For passed out candidates **MRD LifeSciences™** will provide venue details to face an interview for job in Biotech/Pharma/CSIR Lab.

(2) **MRD LifeSciences™** will help to candidates HOW TO FACE AN INTERVIEW & provide study materials for an interview.

(3) **MRD LifeSciences™** will help to candidates for attractive Resume Development.

“YOUR DESTINATION SEARCH WILL END WHEN YOU WILL VISIT MRD LifeSciences™”

**“GET KNOWLEDGE, GET EXPERT, GET SUCCESS & GET YOUR ACHIEVEMENT
Go Ahead with MRD LifeSciences™**”

SELECTION CRITERIA

▶ Selection of candidates will be based on **FIRST COME FIRST SERVE BASIS** for training program code CRT-01 to CRT-12, CRT-IFT, CRT-PAA, CRT-AG, CRT-QA&QC, CRT-CBT & CRT-BI.

▶ **T&C apply for Registration Process i.e. depends on Seat Availability*.**

▶ Candidate who will not be able to reserve his/her seat in current batch will be considered for next six batch if he/she is registered.

▶ Intake capacity for each batch is limited.

▶ **Different tentative dates are available to start training.**

NOTE: For Project/Dissertation work, please select your choice of option from Module-12 (Program Code: CRT-12).

HOW TO APPLY

FOR PROGRAM CODE CRT-01 to CRT-12, CRT-IFT, PAA, AG, QA&QC, CBT & CRT-BI

▶ Registration fee for program code **CRT-01 to CRT-11, CRT-IFT, CRT-PAA, CRT-AG, CRT-QA&QC, CRT-CBT & CRT-BI** is Rs. 550/-.

▶ Candidates have to make **DD of Rs. 550/-** in the favour of “**MRD LifeSciences Pvt. Ltd.**” payable at **Lucknow**.

▶ Candidates have to download application form through our website i.e.

www.mrdlifesciences.com and fill it completely as per instruction given in the form.

▶ Send the application form along with DD to our Company address through **COURIER /**

SPEED POST only.

OR

- ▶ Deposit **Rs. 550/- Cash** to the office with application form.

FOR PROGRAM CODE CRT-12 (i.e. for Project/Dissertation Work)

- ▶ Registration + Confirmation fee for program code **CRT-12** is **Rs. 1550/-**
- ▶ Candidates have to make **DD of Rs. 1550/-** in the favour of “**MRD LifeSciences Pvt. Ltd.**” payable at **Lucknow**.
- ▶ Candidates have to download application form through our website i.e. www.mrdlifesciences.com and fill it completely as per instruction given in the form.
- ▶ Send the application form along with DD to our Company address through **COURIER / SPEED POST** only.

OR

- ▶ Deposit **Rs. 1550/- Cash** to the office with application form.
 - ▶ **Note: Confirmation fee (Rs. 1000/-) will be adjustable in their total fee.**

- ▶ **Accommodation facility (Lodging & Fooding) is available for male & female candidates separately nearby company (within 3 km). (MRD Boys Hostel & Girls PG facility Available)**

OUTSOURCING SERVICES

NOTE ▶ For customized analytical services (Sample Analysis by HPLC/ PCR/ RT-PCR/ Spectrophotometric analysis) & customized sample preparation on demand (DNA/RNA/Protein/Enzyme isolation/quantification/assay from different sources), please contact to company address or send your query to- info@mrdlifesciences.com

- ▶ MRD LifeSciences™ has creating a network of sample collection centre for customized analytical/sample analysis services in India. All out-station clients are requested to contact directly to our corporate office situated at Lucknow (U.P.), Contact No. 0522-4012130/ 09838511116/ 09648911116 OR alternate numbers as per nearest centre.

Contact Info for Other Centre-

MRD LifeSciences™, Bangalore (09916696543),

MRD LifeSciences™, New Delhi (08587904501),

For Biotech Summer training/Winter training, all out-station candidates are also welcome to call on mentioned tentative numbers.

- ▶ Our major clients for outsourcing services are Gauhati University, Amity University, Allahabad University, SRM University, SGPGI, KGMC, SHUATS, GLA University, Vikram University, AMU & BHU.

Company Address/Contact Us:

MRD LifeSciences (P) Ltd.,
B-3/46 & 47, 2nd Floor,
Vibhuti Khand,
Near – State Bank of India,
Gomti Nagar, Lucknow – 226010 (U.P.)



| CALL US | MAIL US |
|--|--|
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| Working Days (Tuesday to Sunday) | Working Hours (9.00 AM to 6.00 PM) |
| Website: www.mrdlifesciences.com | |

*****Thanks*****