



**BHARATHIDASAN
UNIVERSITY,
TIRUCHIRAPPALLI**



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INDIAN COUNCIL OF
MEDICAL RESEARCH
Serving the nation since 1911



**Department of Health Research
Ministry of Health and Family Welfare
Government of India**

DHR & ICMR

Sponsored

FIVE-DAY HANDS-ON WORKSHOP

on

PCR TECHNIQUES IN CLINICAL DIAGNOSIS

24th - 28th November, 2025

(Enhancing Knowledge and Skills in Advanced Applied Life Technologies for Aspiring Professionals)

PROGRAM CONTENT

On the first two days eminent scientists will deliver the invited lectures focused on genetic diagnosis with laboratory practices.

- Human genetic variation influences health and disease
- Human genetics of infectious diseases
- Rare genetic disorders: diagnosis, treatment, and care
- Advances in reproductive and prenatal genetic screening
- Applications of PCR in medical diagnosis
- Advanced PCR methods for diagnosis and troubleshooting
- Pharmacogenetics and personalized medicine

HANDS - ON TRAINING SESSION

- Basic: Lab safety and micropipetting practice.
- Genomic DNA isolation from blood.
- Quantification for UV Spectrophotography.
- Bioinformatics: Primer designing *in-silico*.
- Applications of PCR.
- Agarose gel electrophoresis
- RFLP
- Sequencing for confirmation of gene mutation (Demo).

ELIGIBILITY

Clinicians/Research scholars/Medical students/ interested in health research/ M.Sc. & M.Tech.

INTERESTED INDIVIDUALS HAVE TO FILL REGISTRATION FORM.

(The selection based on merit-statement of research and short CV).

APPLY HERE

NO REGISTRATION FEES

https://docs.google.com/forms/d/e/1FAIpQLSeBNjG3iTojjGsBm45RF0xVeexkTvMsMnCcm6peUC_IHNPO_w/viewform?usp=header

LIMITED SEATS (25 SEATS ONLY)



List of selected participants will be displayed on 13.11.2025 at www.bdu.in

Selected participants ensure their conformation by 15.11.2025.

ORGANIZING COMMITTEE

CHIEF PATRONS

Tmt. E. Sundaravalli, IAS., CONVENER
Prof. V. Rajesh Kanna,
Prof. R. Sakthi Krishna,
Honorable Vice-Chancellor Committee Members
Bharathidasan University, Thiruchirappalli, TN, India.

PATRON

Dr. R. Kalidasan,
Registrar (I/c)
Bharathidasan University, Thiruchirappalli, TN, India.

ORGANISING SECRETARY

DR.SIVARAMAKRISHNAN, PROFESSOR AND HEAD
Department of Biotechnology,
Bharathidasan University, Tiruchirappalli-620024.

EXECUTIVE COMMITTEE

Dr.M. Muthuselvam, Associate Professor
Dr.M. Manickavasagam, Associate Professor
Dr. V. Sakthivel, Assistant Professor

SCIENTIFIC COMMITTEE

Dr.A. Rebekkah Shanthakumari, Guest Lecturer
Dr.P. Shobana Piriya, Guest Lecturer
Dr.D.S. Prabha, Guest Lecturer
Dr.C. Maragatham, Guest Lecturer
Dr.S. Saravani, Guest Lecturer
Dr.A.D. Palanimuthu, Guest Lecturer
Dr.S. Arun, Guest Lecturer
Dr.S. Arjunan, Guest Lecturer
Dr.M. Sundar, Guest Lecturer
Dr.S.Kothaiyolli, Guest Lecturer

Department of Biotechnology,
Bharathidasan University, Tiruchirappalli-620024.

ACCOMMODATION

Accommodations will be arranged for the participants on payment basis. Working lunch will be provided to the participants.

VENUE

DEPARTMENT OF BIOTECHNOLOGY, BHARATHIDASAN UNIVERSITY,
TIRUCHIRAPPALLI-620024.
TAMIL NADU, INDIA.

INFORMATION CONTACT

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DEPARTMENT OF BIOTECHNOLOGY
BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI – 620 024

DHR-ICMR Sponsored
“Hands-on Training Workshop on PCR Techniques in Clinical Diagnosis”
24.11.2025 – 28.11.2025

List of candidates are selected to attend the DHR-ICMR funded Training Workshop

No	Name	Designation	Address	Mobile	Email
1	Jeganpandi. S	Ph.D Research Scholar	Kalasalingam Academy of Research and Education	6383307640	Jeganjp6383@gmail.com
2	Rajabunisha. N	M.Sc.,	Periyar Maniammai Institute Of Science And Technology, Vallam, Thanjavur	9952731431	natharshadeen@gmail.com
3	S. Prem Kumar	M.Sc.,	JJ College of Arts and Science, Pudukkottai	8637666353	Vk6118461@gmail.com
4	Ankit Kumar Bharti. S	Ph.D Research Scholar	Department of Biomedical Sciences, School of Biosciences and Technology, VIT, Vellore	8667672309	ankitkumarbharti1610@gmail.com
5	D. Vigneswaran	Ph.D Research Scholar	Centre for Advanced Studies in Botany, University of Madras, Chennai	6369946494	vignes1305@gmail.com
6	Manimala Arockiyadoss	Ph.D Research Scholar	Government arts college (Autonomous) Kumbakonam	9787603104	u16z68manimala@gmail.com
7	Marvaan MS	Ph.D Research Scholar	SRM Institute of Science And Technology	9600921392	marvaan55@gmail.com
8	Savithadevi. M	M.Sc., Biochemistry	Dr. NGP Arts and Science College, Coimbatore-641048	8778572410	savithadevimurugesan4@gmail.com
9	Bhuvaneshwari Sundaramoorthi	Ph.D Research Scholar	Government Arts College (Autonomous), Kumbakonam	7092767179	sbhuvi1210@gmail.com
10	Dhevi Mirudula Sri. B.S	B.Sc (hons) Biomedical Sciences	SBMS, SBV, Puducherry-607402	9488703620	dhevisince2005@gmail.com
11	Shivam Pandey	M.Sc., Biotechnology	Mahayogi Gorakhnath University	9555351901	

12	Ms.F.Aysha	PhD. Research Scholar	Thiagarajar College	9597131928	jowfar.japan456@gmail.com
13	Durga .S	B.Sc (hons) Biomedical Sciences	Sri Balaji Vidyapeeth University, Puducherry-607402	9597650439	durgasanthi1476@gmail.com
14	Riya Singh	Molecular Biology	Mahayogi Gorakhnath University Gorakhpur Uttar Pradesh India	8881313871	singhriya6478@gmail.com
15	Karthick. S	Ph.D Research Scholar	Annamalai University Annamalai Nagar Chidambaram	9345286495	karthiksiva143143@gmail.com
16	Shweta Ranjan	M.Sc., Biotechnology	Mahayogi Gorakhnath University Gorakhpur, Arogya Dham, Sonbarsa, Gorakhpur, Uttar Pradesh- 273007	7080091808	Shwetaranjangkp.2020@gmail.com
17	Jamunarani. R	M-Tech Biotechnology	Arunai Engineering College	9865493747	rdjamuna2003@gmail.com
18	Keerthi Gopal	Ph.D Research Scholar	JSS Academy of Higher Education and Research, Sri Shivarathreeswara Nagara, Bannimantap A Layout, Bannimantap, Mysuru, Karnataka 570015	9585913448	keerthigopal18@gmail.com
19	Subhashree. V	Ph.D Research Scholar	Justice Basheer Ahmed Sayeed College for Women, No.56, K.B Dasan road, Teynampet, Chennai -18	814816618, 9345622900	subashree.zoo23@jbascollege.edu.in
20	Deepak Kumar NA	M.Sc., Biotechnology	PSG College of Technology, Peelamedu, Coimbatore	6380797351	deepak16biotechnology@gmail.com
21	Subaranjani. T	Post Graduate	Nandha Arts and Science College (Autonomous), Erode-52	9080460070	subaranjani9080@gmail.com
22	Vignesh Ramamurthy	Ph.D Research Scholar	Dhanalakshmi Srinivasan University, NH-45, Trichy Chennai Trunk Road, near Samayapuram Toll Plaza, Samayapuram, Tiruchirappalli, Tamil Nadu 621112	9629944754	vipervickey618@gmail.com
23	Vijayan. C	Ph.D Research Scholar	Sri Vasavi College Erode	8883109973	Vijayan.chandru62@gmail.com

24	Gnana Suriya. P	Ph.D Research Scholar	Kamaraj College (Autonomous)	9003360322	adaikalamvsp@gmail.com
25	Udaya. ES	M.Sc., Biochemistry	Kongu Arts and Science College (Autonomous), Nanjanapuram, Erode	6381036733	esudaya2023@gmail.com