

Criterion 1 – Curricular Aspects

Key Indicator	1.3	Curriculum Enrichment
Metric	1.3.4	Percentage of students undertaking field projects / research projects / internships (Data for the latest completed academic year)

B.TECH. BIOTECHNOLOGY

S.No	Description
1.	List of students undertaking the field projects/ research projects / internship program-wise in the last completed academic year along with the details of title, place of work etc.
2.	•Internship / research projects completion certificate from the organization where internship / research projects was completed along with the duration.
	• Report of the field visit / sample photographs of the field visit / permission letter from the competent authority will be considered.

Summary

Industrial Project / Research Project	Internship / IPT	Field / Industrial visit	Total
26	113	70	226

RESEARCH PROJECTS

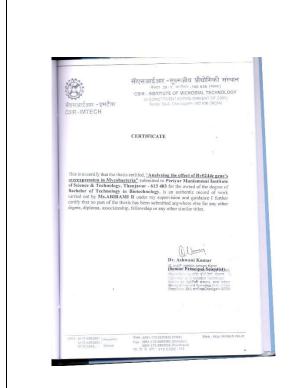
Final year A sec – Batch 2019-2023- Academic year (2022-23)

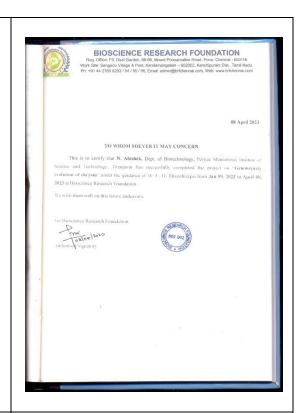
S. No.	Reg. No.	Name	Title of the Research project	
1.	119011101350	Aarthi A	Antibacterial effect of size and shape of ZNO and Amino acid capped ZNO on various strains	Internal
2.	119011101351	Abirami R	To analyse the overexpresssion of the virulent gene (x) in Mycobacteria	External CSIR-IMTECH, Chandigarh
3.	119012101352	Abishek N	Genotoxicity evolution of chrysin	External Bioscience Research Foundation, Chennai
4.	119012101373	Sivakarthikeyan M	Genotoxicity evolution of chrysin	Internal
5.	119012101354	Balaji G	Algae Water treatment in drink water	Internal
6.	119011101355	Fareena J	Study of Phytochemical Analysis, Antioxidant Activity and invitro Studies of Medicinal Plants.	Internal
7.	119012101369	Sailesh S. R	Study of Phytochemical Analysis, Antioxidant Activity and invitro Studies of Medicinal Plants.	Internal
8.	119012101356	Fazil Mohamed S	To Identify and molecular docking analysis of novel bioactive compound from snail for therapeutical application	External TRI Biotech, Trichy

		<u> </u>	3.6.11	I . 1
9.			Molecular	External
	110012101257	II	identification of	TRI Biotech, Trichy
	119012101357	Harish M	industrial using	
			enzyme producing	
10			bacteria from snail Molecular	E-41
10.				External
	110012101261	TZ'	identification of	TRI Biotech, Trichy
	119012101361	Kisto J.M	industrial using	
			enzyme producing	
			bacteria from snail	T
11.			Physicochemicaland	External
	110011101250	T CC A 11' X7	biochemical analysis	NIFTEM-Thanjavur
	119011101358	Jeffy Adline. V	of unifloral honey	
			varieties stored for	
			more than a year	
12.			Physicochemicaland	External
			biochemical analysis	NIFTEM-Thanjavur
	119012101368	V.Pravin Kumar	of unifloral honey	
			varieties stored for	
			more than a year	
13.			Isolation of Cellulose	External
			from <i>Cladophora sp.</i> ,	CSIR-CECRI
	110011101050		and conjugation with	
	119011101359	Kaviya Js	β-cyclodextrin for the	
			biosensor platform	
			biosensoi pianoini	
14.				External
17.			Collagen based	The South India Textile
	119011101360	Kaviya S	hydrogel for wound	Research Association,
			healing	Coimbatore
15.				External
10.			Collagen based	The South India Textile
	119011101376	Theepaa M	hydrogel for wound	Research Association,
			healing	Coimbatore
16.			Collagen based	External
10.			_	The South India Textile
	119011101371	Sathya Priya V	hydrogel for wound	
			healing	Research Association, Coimbatore
17			E' 1'	
17.	1100121012	****	Finding mature oocyte	Internal
	119012101362	Krishna Kamal K N	by BCB staining	
18.			To synthesis of silver	External
	119011101364	Mofika Fathima K	nanoparticles to their	TRI Biotech, Trichy
			antioxidant analysis	
19.			To synthesis of silver	External
			nanoparticles to their	TRI Biotech, Trichy
	119011101375	Surya G	-	THE DIOUCH, THOMY
			antioxidant analysis	
20				т , 1
20.	119011101365	Nanthini S	Enhancement of	Internal
	117011101303	1 tallallill D	Smoothness factor of	

			PMIST Recycle paper pulp	
21.	119011101366	Nishanthi T	Antibacterial effect of size and shape of Calcium phosphate on various strains	Internal
22.	119011101367	Noorul Naseela S	Fermentation in Idli Batter	External CSIR-CFTRI, Mysore
23.	119011101370	Samyuktha S	The effect of starter culture in fermentation of idly	External CSIR-CFTRI, Mysore
24.	119012101372	Shankar S	Establishing a stable cell line expressing protein X in RPE1 cells	External RCB, Haryana
25.	119011101374	Sowndarya M.C	Invitro micropropagation by various plant tissue techniques: Desmodium gangeticum	External NEERI, Chennai
26.	119011101377	Bonica T	Finding mature oocyte by BCB staining	Internal

PROOF FOR RESEARCH PROJECTS

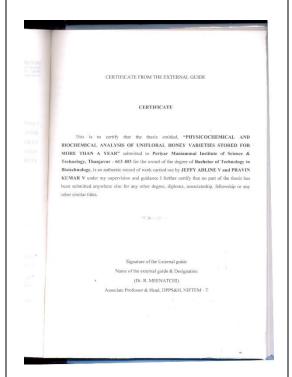




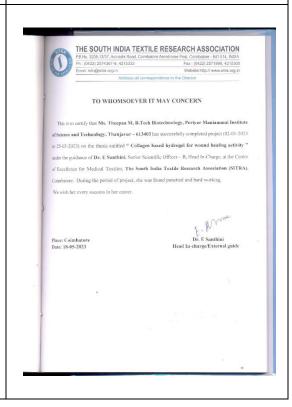


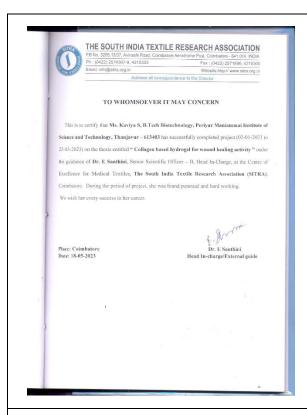


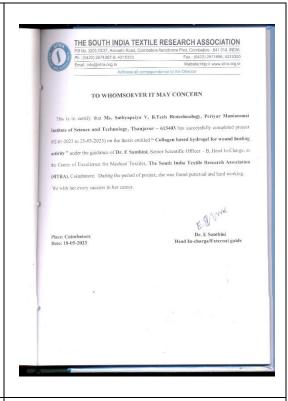




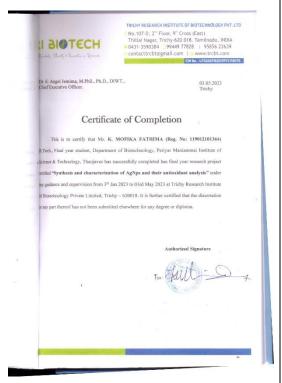


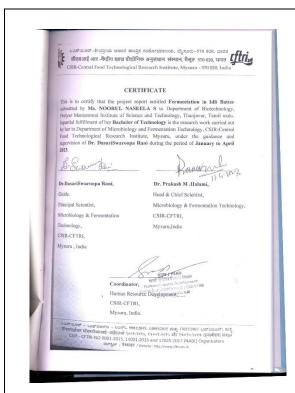








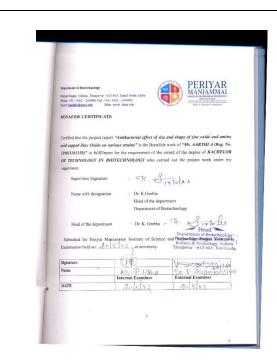


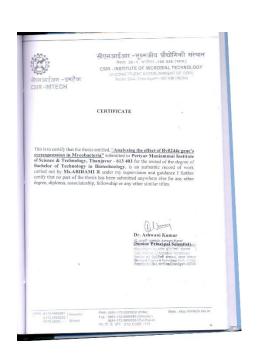


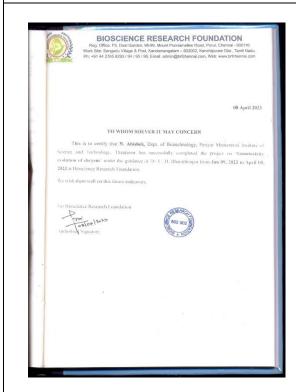




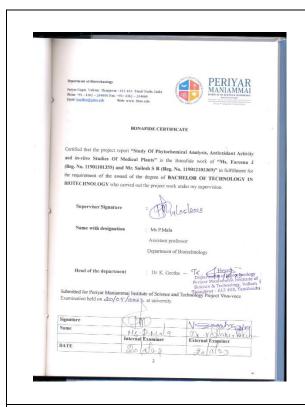








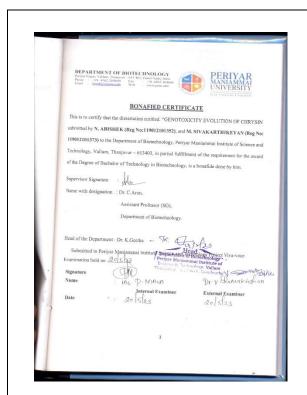


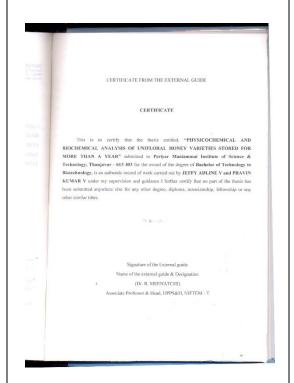


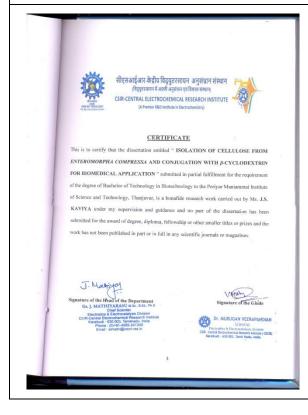


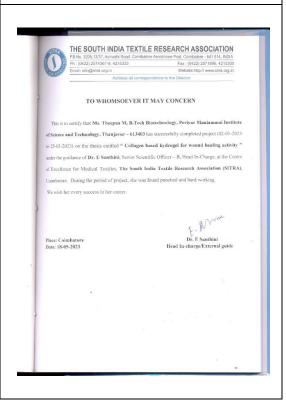


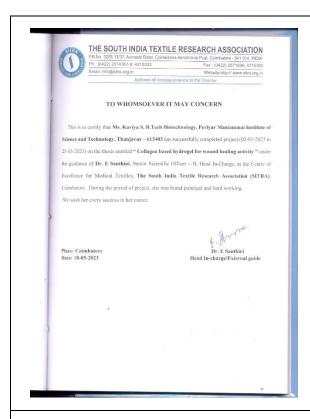


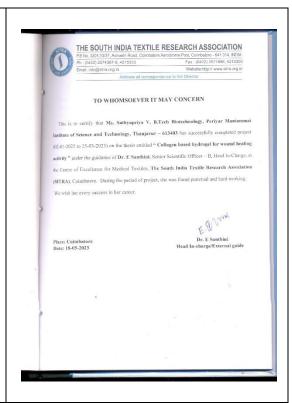


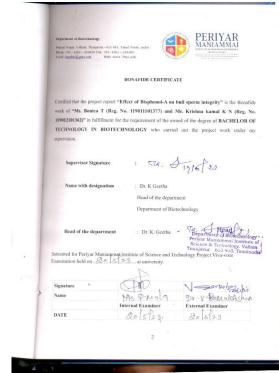






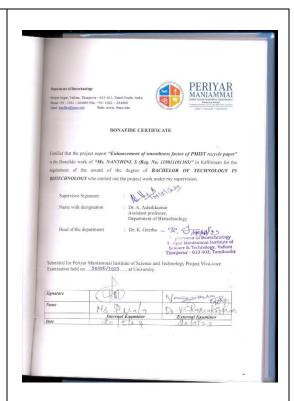


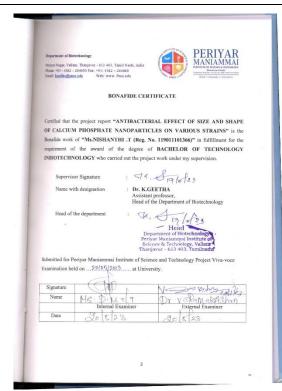


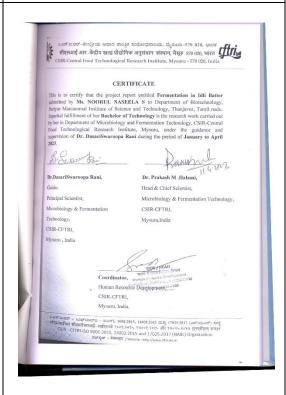


















IPT Details

III Semester Biotechnology - Batch - 2022-2026

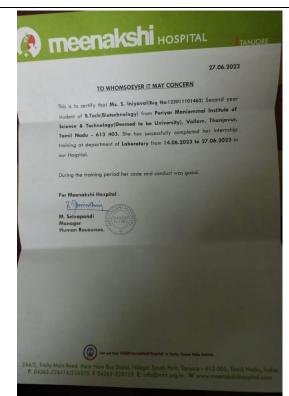
S.NO	REGISTER No.	NAME	IPT address of the company	
1.	122011101446	ABI KAVIYA N	Ticel Park, Chennai	
2.	122011101447	ABINAYA S	Ticel Park, Chennai	
3.	122012101448	AKASH S	Ticel Park, Chennai	
4.	122011101449	AKSHAYA K	Ticel Park, Chennai	
5.	122011101450	ANNE HARIKA	Ticel Park, Chennai	
6.	122012101451	ASIK AHAMED M	Ticel Park, Chennai	
7.	122011101452	DHINEKA R	Ticel Park, Chennai	
8.	122011101453	DIVYA SOWNDARYA G T	Ticel Park, Chennai	
9.	122012101454	GANESHKUMAR V	Ticel Park, Chennai	
10.	122011101455	GAYATHRI R	Meenakshi Hospital, Thanjavur	
11.	122011101456	GOPIKA SRI S	Meenakshi Hospital, Thanjavur	
12.	122012101457	GOWTHAMAN K	Ticel Park, Chennai	
13.	122011101458	GUNALINI K	Ticel Park, Chennai	
14.	122012101459	HARIHARAN K	Ticel Park, Chennai	
15.	122011101460	HARINI D	Meenakshi Hospital, Thanjavur	
16.	122011101461	HARINI SRI MARY J	Aavin Milk, Thanjavur	
17.	122011101462	HARSHANA SRI S	TRI biotech, Trichy	
18.	122011101463	INIYAVAL S	Meenakshi Hospital, Thanjavur	
19.	122012101465	JAYABHARATH P	Ticel Park, Chennai	
20.	122012101466	JEGAN P	Avigen Biotech, Chennai	
21.	122011101467	JENESHA S	Avanz Biotech, Chennai	
22.	122011101469	KARTHIKA G	Ticel Park, Chennai	
23.	122012101470	KARTHIKEYAN S	Aavin Milk, Thanjavur	
24.	122011101471	KEERTHANA VARSHINI S	Ticel Park, Chennai	
25.	122011101472	KIRUBAI MARY V	Meenakshi Hospital, Thanjavur	
26.	122011101474	LAKSHMI PRIYA M	Aavin Milk, Thanjavur	
27.	122011101475	MADHUMITHA RK	Avanz Biotech, Chennai	
28.	122011101476	MEGA PRIYADHARSHINI C	Avigen Biotech, Chennai	
29.	122012101477	MOHAMED ASEEBUR M	Avanz Biotech, Chennai	
30.	122011101478	NISHARA SAMEEM H	Meenakshi Hospital, Thanjavur	
31.	122011101479	PAVITHRA M B	Meenakshi Hospital, Thanjavur	
32.	122011101480	PRAGATHY PON	Aavin Milk, Thanjavur	
33.	122012101481	PRAVEEN KUMAR P	Meenakshi Hospital, Thanjavur	
34.	122011101482	PRICILLA POULIN S	Meenakshi Hospital, Thanjavur	
35.	122011101483	PRIYADHARSHINI A	Avigen Biotech, Chennai	
36.	122011101484	RAATHIVARSHNI M	Galileovasan Offshore, Nagapattinam	

37.	122011101485	RAJABUNISHA BEGAM M	Meenakshi Hospital, Thanjavur
38.	122011101486	RAMYA R	Aavin Milk, Thanjavur
39.	122011101487	SADHANAA B	TRI biotech, Trichy
40.	122012101488	SAI SIVA B	Avanz Biotech, Chennai
41.	122012101489	SAMINATHAN P	Aavin Milk, Thanjavur
42.	122012101490	SARAVANAN S	Aavin Milk, Thanjavur
43.	122011101491	SATHIYA D	Meenakshi Hospital, Thanjavur
44.	122011101492	SHARMILA S	Meenakshi Hospital, Thanjavur
45.	122011101493	SHIVANI B	Meenakshi Hospital, Thanjavur
46.	122011101494	SONIYA M	Avigen Biotech, Chennai
47.	122011101495	SRI PACKIYA P	Meenakshi Hospital, Thanjavur
48.	122011101496	SRINITHI P	Meenakshi Hospital, Thanjavur
49.	122011101497	SRIVIDHYA M	Aavin Milk, Thanjavur
50.	122011101499	SUSHMAA T S	Avigen Biotech, Chennai
51.	122011101500	THARSHA A A	Aavin Milk, Thanjavur
52.	122011101501	VAISHNAVI T	Meenakshi Hospital, Thanjavur
53.	122011101502	VARALAKSHMI P	Aavin Milk, Thanjavur
54.	122011101503	VARSHINI J H	TRI biotech, Trichy
55.	122012101504	VIJAYA RAGHAVAN N	Biome pvt Ltd., Karaikudi

PROOF FOR INTERNSHIPS / IPT



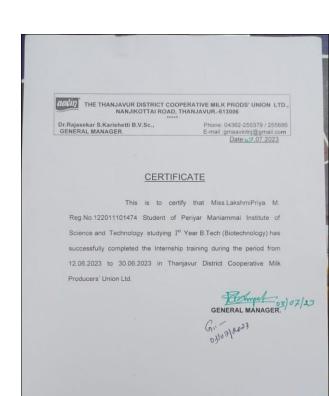


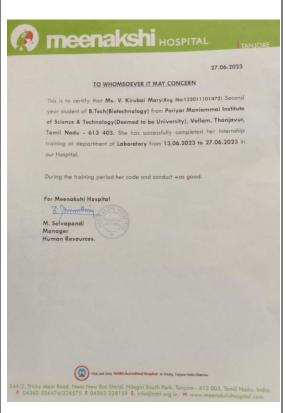








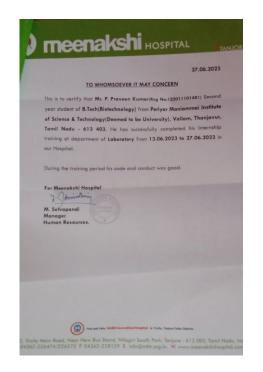




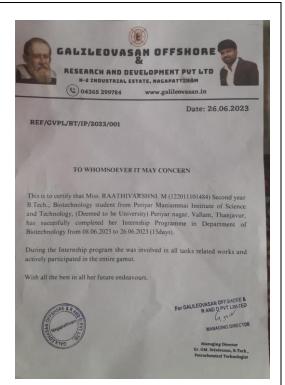






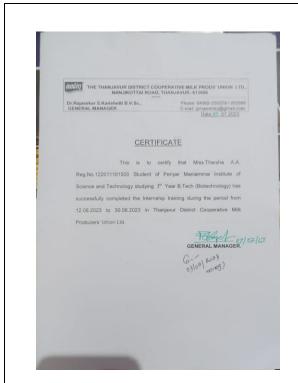


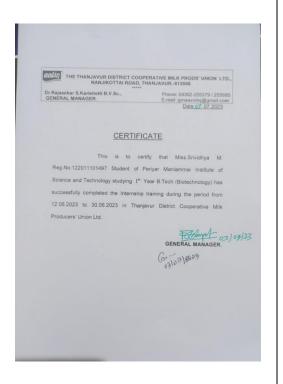




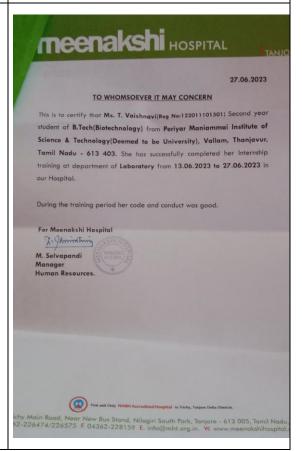




























$V\ semester\ Biotechnology\ \textbf{-}\ Batch-2021\textbf{-}2025$

S.NO	REGISTER No.	NAME	IPT address of the company
1.	121011101408	Aarthy M	TICEL Biopark – Chennai
2.	121011101409	Abirami V	TICEL Biopark – Chennai
3.	121011101424	Rabitha R	TICEL Biopark – Chennai
4.	121011101429	Sivasree B	TICEL Biopark – Chennai
5.	121011101432	Suruthi S	TICEL Biopark – Chennai
6.		Afrose Ashifa Gulam	TRI BIOTECH – Trichy
	121011101410	Mohammed	·
7.	121011101414	Bhuvaneshwari K	TRI BIOTECH – Trichy
8.	121011101418	Jayaranjani R	TRI BIOTECH – Trichy
9.	121012101426	Sanjay Stanlin J	TRI BIOTECH – Trichy
10.	121011101428	Sayeesri R	TRI BIOTECH – Trichy
	121011101442	Varshini V	TRI BIOTECH – Trichy
12.	121012101413	Balakrishnan S	Apex biotech - Chennai
13.	121011101419	Lauren Grecious	Apex biotech - Chennai
14.	121012101420	Lokesh S	Apex biotech - Chennai
15.		Mohammed Dhanish	Apex biotech - Chennai
	121012101421	M	
	121011101425	Roshina Begum K	Apex biotech - Chennai
17.	121011101435	Varrsha S	Apex biotech - Chennai
18.	121012101443	Dinesh Kumar S	Apex biotech - Chennai
19.	120012101385	Harish J	Optimurz Integrated BIO solution - Chennai
20.	121012101416	Gunal K	Optimurz Integrated BIO solution - Chennai
21.	121012101422	Mokesh G	Optimurz Integrated BIO solution - Chennai
22.	121012101436	Vignesh A	Optimurz Integrated BIO solution - Chennai
23.	121011101407	Aarthee R	Geomarine Biotechnologies – Chennai
	121011101434	Vaishnavi P	Geomarine Biotechnologies – Chennai
25.	121011101427	Sasmitha U	Aavin – Thanjavur
	121011101438	Asma Shajahan	Aavin – Thanjavur
27.	121011101440	Priyadharshini S	Aavin – Thanjavur
28.	121011101411	Baghya Lakshmi M	Avigen Biotech – Chennai
29.	121011101412	Bala Bharathi J.S	Avigen Biotech – Chennai
30.	121011101423	Nivedha B	Avigen Biotech – Chennai
31.	121011101433	Susmidharani A.K.R	NIFTEM-Thanjavur
32.	121011101444	Fahima Afshan A	NIFTEM-Thanjavur
33.	121011101417	Jamila Farhana F	NIFTEM-Thanjavur
34.	121011101441	Shafikkah Parveen E	BITS PILANI - Dubai

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THE THANJAYUR DISTRICT COOPERATIVE MILK PRODS' UNION LTD.,
NANJIKOTTAI ROAD, THANJAYUR.-513095

Dr.Rajasekar S.Karishetti B.V.Sc., GENERAL MANAGER.

Phone: 04362-255379 / 255686 E-mail:gmaavintnj@gmail.com Date:13.07.2023

CERTIFICATE

This is to certify that Miss.AsmaShajahan Reg.No.121011101438 Student of Periyar Maniammai Institute of Science and Technology, Vallam, Thanjavur studying IInd Year B.Tech (Biotechnology) has successfully completed the In-Plant training during the period from 12.06.2023 to 12.07.2023 in Thanjavur District Cooperative Milk Producers' Union Ltd.



GENERAL MANAGER (25/13/ H33

































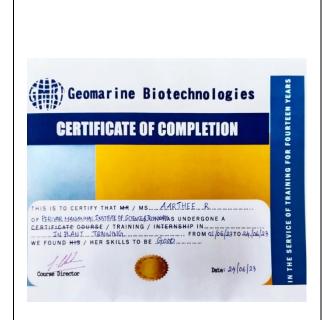


CERTIFICATE

This is to certify that Miss.Priyadharshini.S Reg.No.121011101440 Student of Periyar Manismmai Institute of Science and Technology, Vallam, Thanjavur studying. ITst Year B.Tech (Biotechnology) has successfully completed the In-Plant training during the period from 12.08.2023 to 12.07.2023 in Thanjavur District Cooperative Milk Producers' Union Ltd.



GENERAL MANAGER.





























$\underline{VII\ Semester\ Biotechnology\ -\ Batch-2020-2024}$

IPT Details

S.NO	REGISTER No.	NAME	IPT address of the company
1.	120011101379	Abitha M	Optimus Biotech Chennai
2.	120011101380	Aishvarya B	AVIGEN Biotech Chrompaet, chennai
3.	120011101381	Bhavadharini G	Genolites Research of development laboratory,
			Coimbatore 641035
4.	120012101382	Chandhru R	NIFTEM, THANJAVUR
5.	120011101383	Deepaprahanya K	Genolites Research of development Laboratory,
			Coimbatore 641035
6.	120011101384	Gokila V M	AVIGEN Biotech Chrompaet, chennai
7.	120011101386	Jayasri G	National College, Trichy
8.	120011101387	Karthika T	TICEL Biopark, Tharamani, chennai
9.	120011101388	Najwa Z	TICEL Biopark, Tharamani, chennai
10.	120011101389	Nandhini G	TICEL Biopark, Tharamani, chennai

11.	120011101390	Nilofer Nisha S	TICEL Biopark, Tharamani, chennai
12.	120012101391	Pavithran R	Optimus Biotech Chennai
13.	120011101392	Ragasuthi M	TICEL Biopark, Tharamani, chennai
14.	120011101393	Rifan Beevi M	TICEL Biopark, Tharamani, chennai
15.	120011101394	Riswana Affrin G	AVIGEN Biotech Chrompaet, chennai
16.	120011101395	Riswana Begum M	TICEL Biopark, Tharamani, chennai
17.	120011101396	Sarumathy T	TICEL Biopark, Tharamani, chennai
18.	120011101397	Semitha S	Optimus Biotech Chennai
19.	120012101398	Sibi K	Tamilnadu Test House, Vaanagaram, chennai
20.	120011101400	Subasri M	National college Trichy
21.	120011101402	Thiripurasundari S	TICEL Biopark, Tharamani, chennai
22.	120011101403	Thiritha S	AVIGEN Biotech Chrompaet, chennai
23.	120011101404	Zuvairiya Begum S	AVIGEN Biotech Chrompaet, chennai
24.	120012101406	Mohamed Aashik M	Tamilnadu Test House, Vaanagaram, chennai

PROOF FOR INTERNSHIPS / IPT







CERTIFICATE

This is to certify that Bhavadharini G (120011101801), a student of B.Tech Bistechnology, Periyar Mariammai Institute of Science and Technology, Thanjauvi, Tamii Nadu, India, She has successfully completed the Hands on training in Terenetti Bistechnology. "Under the guidance of KARUKUVERAJA R at Genelities Research and Development Laboratory, during the period Info@2023-1107023. Iswish you all the success in your thin.



Authorized Signatory

KARUKUVELRAJA R

CONDITIS

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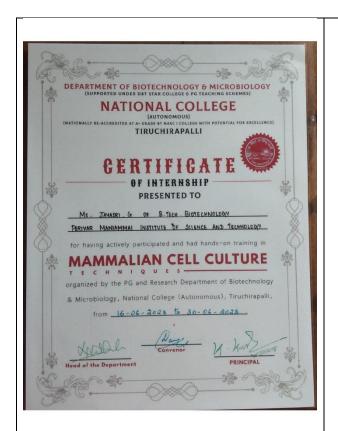
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O genoliteardl@gmoil.com





































TAMILNADU TEST HOUSE PRIVATE LIMITED

Date: 20.07.2023

INTERNSHIP CERTIFICATE

This is to certify that Mr.Sibi.K [120012101398] Studying 3^{tt} year B.Tech in Periyar Maniammai Institute of science and Technology has successfully completed his Summer Internship at Tamilinadu test House Private limited, Chennaii-600077. The internship program commenced 5^{Th} of June 2023, and ended on 5^{th} of July 2023.

This internship certificate is being presented to Mr.Sibi.K [120012101398] following a detailed examination to test the concepts taught to him during the course of 15 days internship program and his ability to apply them in a real time environment.

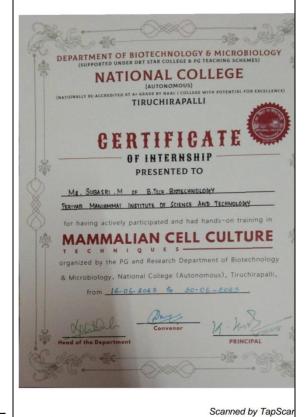
We wish him every successful career ahead!

For Tamilnadu Test House Private Limited

R. Dochhlag

R.Prabhusankar.

Managing Director



Sri Sai Building, Plot No.31 & 32, Lakshmi Kanthammal Street, Rajiv Nagar, Vanagaram, Chennai - 600 077. E: info@tn-th.com











TAMILNADU TEST HOUSE PRIVATE LIMITED

Date: 20.07.2023

INTERNSHIP CERTIFICATE

This is to certify that Mr.Mohamed Aushik.M [120012101406] Studying 3^{cd} year B. Tech in Periyar Maniammai Institute of science and Technology has successfully completed his Summer Internship at Tamillands test House Private limited. Chemai-600077. The internship program commenced 5^{ch} of June 2023, and ended on 5^{ch} of July 2023.

This internship certificate is being presented to Mr.Mohamed Aashik.M [120012101406] following a detailed examination to test the concepts taught to him during the course of 15 days internship program and his ability to apply them in a real time environment.

We wish him every successful career ahead!

For Tamilnadu Test House Private Limited

R. Prochhly

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42