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1.3.3 Number of students undertaking project work/field work/ internships

Programme name	Program Code	List of students undertaking project work/field work/internship
B.Tech	B.Tech CE	ABHIJITH R
B.Tech	B.Tech CE	ABHIJITH SHINOJI
B.Tech	B.Tech CE	ABHINAV ANANDAN
B.Tech	B.Tech CE	ABHIRAMI JAYAKUMAR
B.Tech	B.Tech CE	ABHISHEK S
B.Tech	B.Tech CE	ABIN SABU
B.Tech	B.Tech CE	ADHARSH M PRADEEP
B.Tech	B.Tech CE	ADHUL DEV MADHU
B.Tech	B.Tech CE	ADITHYALAKSHMI S
B.Tech	B.Tech CE	AJAY PRAKASH
B.Tech	B.Tech CE	AJITH K M
B.Tech	B.Tech CE	AKHILA SANTHOSH
B.Tech	B.Tech CE	ALBEY P JOSEPH
B.Tech	B.Tech CE	ALEENA PRASAD
B.Tech	B.Tech CE	ALEENA V M
B.Tech	B.Tech CE	ALTHAF T A
B.Tech	B.Tech CE	AMRITHA BABY
B.Tech	B.Tech CE	ANAND PUSHPARAJ
B.Tech	B.Tech CE	ANUSHA S
B.Tech	B.Tech CE	ANUSREE K S
B.Tech	B.Tech CE	APARNA REVI
B.Tech	B.Tech CE	ASHIL M VARGHESE
B.Tech	B.Tech CE	ASWATHY THULASIDAS
B.Tech	B.Tech CE	ASWIN DAS
B.Tech	B.Tech CE	BINSHAD K R
B.Tech	B.Tech CE	CHRISTIN JOSE
B.Tech	B.Tech CE	DEVARAJ P SIBI
B.Tech	B.Tech CE	DEVIKA BALAKRISHNAN
B.Tech	B.Tech CE	DEVIKA USHA S
B.Tech	B.Tech CE	EBEN JOHNS SAJI
B.Tech	B.Tech CE	ELIZABETH THOMAS
B.Tech	B.Tech CE	GANGA RADHAKRISHNAN
B.Tech	B.Tech CE	GOPIKA JITENDER
B.Tech	B.Tech CE	GOVIND LAL P J
B.Tech	B.Tech CE	HARIKRISHNA P R
B.Tech	B.Tech CE	INDRAJITH R NAIR
B.Tech	B.Tech CE	JESSON GEORGE JACOB
B.Tech	B.Tech CE	JISHNU S NAIR
B.Tech	B.Tech CE	MUHAMMAD ALTHAF

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B.Tech	B.Tech CE	LAKSHMI P BIJU P. BIJU
B.Tech	B.Tech CE	MAHIMA MANOJ
B.Tech	B.Tech CE	M ANJANA AJIMON
B.Tech	B.Tech CE	MEGHA JOSHI
B.Tech	B.Tech CE	MEKHA M.SIVAN
B.Tech	B.Tech CE	MIDHILA PRADEEP
B.Tech	B.Tech CE	MIDHUN MENON
B.Tech	B.Tech CE	MILAN M R
B.Tech	B.Tech CE	MOHAN RAJ
B.Tech	B.Tech CE	MUHAMMED SHAMNAD
B.Tech	B.Tech CE	MUHAMMED ANEES
B.Tech	B.Tech CE	NANDANA P
B.Tech	B.Tech CE	NANDHANA VENU
B.Tech	B.Tech CE	NIJO J ZACHARIAH
B.Tech	B.Tech CE	PARVATHY. P. BIJU
B.Tech	B.Tech CE	PARVATHY RAJEEV
B.Tech	B.Tech CE	RION JOHN POVIL
B.Tech	B.Tech CE	SALMAN SULFIKAR
B.Tech	B.Tech CE	SANDRA VARGHESE
B.Tech	B.Tech CE	SAYANA SANTHOSH
B.Tech	B.Tech CE	SHALU BOSE
B.Tech	B.Tech CE	SREELEKSHMI R
B.Tech	B.Tech CE	SREENATH V R
B.Tech	B.Tech CE	SUJITH. G
B.Tech	B.Tech CE	SURYA S
B.Tech	B.Tech CE	THOMAS KURIEN
B.Tech	B.Tech CE	U.P SANDEEP
B.Tech	B.Tech CE	VARSHA N S
B.Tech	B.Tech CE	VASUDEV P KUMAR
B.Tech	B.Tech CE	VISAL KRISHNA
B.Tech	B.Tech CE	VISHNU. B
B.Tech	B.Tech CE	VISHNU G PILLAI
B.Tech	B.Tech CE	VRINDHA SURESH
B.Tech	B.Tech CE	AISWARYA GIRISH
B.Tech	B.Tech CE	ARCHANA BABU
B.Tech	B.Tech CE	ATHIRA ASHOK
B.Tech	B.Tech CE	MEGHA S MURALI
M.Tech	M.Tech SECM	AJITH THOMAS
M.Tech	M.Tech SECM	ATHULYA P T
M.Tech	M.Tech SECM	JISS DOMINIC
M.Tech	M.Tech SECM	NIRANJANA JAYARAJ
M.Tech	M.Tech SECM	SAHANA BEEVI M S
M.Tech	M.Tech SECM	SAHANA MAJEED
M.Tech	M.Tech SECM	SETHULAKSHMI B L
M.Tech	M.Tech SECM	SIJU CHACKO THOMAS
M.Tech	M.Tech SECM	SREELEKSHMI
M.Tech	M.Tech SECM	THERSESSA MICHAEL
M.Tech	M.Tech SECM	AJITH THOMAS
M.Tech	M.Tech SECM	ATHULYA P T
M.Tech	M.Tech SECM	JISS DOMINIC
M.Tech	M.Tech SECM	NIRANJANA JAYARAJ
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M.Tech	M.Tech SECM	SREELEKSHMI
M.Tech	M.Tech SECM	THERSESSA MICHAEL
M.Tech	M.Tech SECM	ABIN PHILIP
M.Tech	M.Tech SECM	ALAN VARGHESE
M.Tech	M.Tech SECM	ANCY VARGHESE
M.Tech	M.Tech SECM	ANUPRIYA AJITH M
M.Tech	M.Tech SECM	ARIF ALI
M.Tech	M.Tech SECM	ASHA GREGORY
M.Tech	M.Tech SECM	ASHIL SAJAN
M.Tech	M.Tech SECM	S GOPIKRISHNAN
M.Tech	M.Tech SECM	KARISHMA JOSEPH
M.Tech	M.Tech SECM	RESHMA RAMACHANDRAN
M.Tech	M.Tech SECM	SANDRA
M.Tech	M.Tech SECM	SOM S KESAV
M.Tech	M.Tech SECM	SREEPRIYA S
M.Tech	M.Tech SECM	SUJIMOL P S
M.Tech	M.Tech SECM	VIVITHA VIJAYAN
M.Tech	M.Tech SECM	YADUKRISHNAN T B
B.Tech	B.Tech CE	ANJIMA V M
B.Tech	B.Tech CE	ANAGHA SATHEESH
B.Tech	B.Tech CE	ANVITHA P K
B.Tech	B.Tech CE	ANJALI S
B.Tech	B.Tech CE	ANUMOL R
B.Tech	B.Tech CE	ABHIMANYU SANALKUMAR
B.Tech	B.Tech CE	ARJUN SURESH
B.Tech	B.Tech CE	ABHIJITH JAYAN
B.Tech	B.Tech CE	AKSHAY M S
B.Tech	B.Tech CE	ABHIRAM CHANDRAN
B.Tech	B.Tech CE	ABHISHEK N M
B.Tech	B.Tech CE	ASHWIN P VINOD
B.Tech	B.Tech CE	ABHIJITH M A
B.Tech	B.Tech CE	ABHIJITH P
B.Tech	B.Tech CE	ACHU VIJAYAN
B.Tech	B.Tech CE	ANCHAL S
B.Tech	B.Tech CE	ARJUN V S
B.Tech	B.Tech CE	ARDRA AJITH
B.Tech	B.Tech CE	AISWARYA LAKSHMI
B.Tech	B.Tech CE	AFIDA ANWAR
B.Tech	B.Tech CE	AJMAL FIZEL
B.Tech	B.Tech CE	AKSHAYA BIJU
B.Tech	B.Tech CE	ANUGRAHA S SURESH
B.Tech	B.Tech CE	ARATHY SHAJI
B.Tech	B.Tech CE	ARATHI P S
B.Tech	B.Tech CE	ATHUL KRISHNA S
B.Tech	B.Tech CE	CHRISTEENA JEEMON
B.Tech	B.Tech CE	DHANASHYAM BINO
B.Tech	B.Tech CE	JOEL P PAUL
B.Tech	B.Tech CE	JOYEL BENNY
B.Tech	B.Tech CE	KEVIN ANTONY
B.Tech	B.Tech CE	LITTO K M
B.Tech	B.Tech CE	MAHUL MAHENDRA
B.Tech	B.Tech CE	M ARATHY
B.Tech	B.Tech CE	NANDAKUMAR P C
B.Tech	B.Tech CE	SAMBHU P DAS
B.Tech	B.Tech CE	SANGEETHA REJIMON
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B.Tech	B.Tech CE	SREYES M B
B.Tech	B.Tech CE	UMA MAHESWAR P
B.Tech	B.Tech CE	ABHINAND B KUMAR
B.Tech	B.Tech CE	ALBIN A G
B.Tech	B.Tech CE	AMAL ANIRUDHAN
B.Tech	B.Tech CE	ANANDHU C J
B.Tech	B.Tech CE	JITHUMON P R
B.Tech	B.Tech CE	SREEHARI SHAJI
B.Tech	B.Tech CE	SYAM BABU B
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B.Tech	B.Tech CE	SUBINSHA S
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B.Tech	B.Tech CE	SONA RACHEL
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B.Tech	B.Tech CE	RIZA FATHIMA N
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B.Tech	B.Tech CE	NAZEEM K NAVAS
B.Tech	B.Tech CE	ADARSH S
B.Tech	B.Tech CE	SHIYAS
B.Tech	B.Tech CE	JASEEM K JALAL
B.Tech	B.Tech CE	SREENATH R
B.Tech	B.Tech CE	ARJUN S NAIR
B.Tech	B.Tech CE	ANEENA JOHNY
B.Tech	B.Tech CE	FATHIMATH SUHAIRA M
B.Tech	B.Tech CE	SAMUEL C
B.Tech	B.Tech CE	EPHRAIM JOSE
B.Tech	B.Tech CE	NANDHU P
B.Tech	B.Tech CE	JOYAL BIBU
B.Tech	B.Tech CE	ATHIL NISHAD
B.Tech	B.Tech CE	KURUVILA JOSEPH
B.Tech	B.Tech CE	HERALD LUKE
B.Tech	B.Tech CE	UTHRAJA PRAKASH
B.Tech	B.Tech CE	SAMUEL C
B.Tech	B.Tech CE	JHYOLZINA V G
B.Tech	B.Tech CE	AARYAK LAL M S
B.Tech	B.Tech CE	RENJITH RAVEENDRAN
B.Tech	B.Tech CE	SAHAD SHUKOOR
B.Tech	B.Tech CE	MUHAMMED YASEEN P S
B.Tech	B.Tech CE	MUFLIH BIN HARIS
B.Tech	B.Tech CE	ABHIJITH SHAJI
B.Tech	B.Tech CE	DONO JACOB GEORGE
B.Tech	B.Tech CE	SAHAD MUHAMMED E S
B.Tech	B.Tech CE	AMAL KRISHNAN
B.Tech	B.Tech CE	ASWATHY HARIDAS
B.Tech	B.Tech CE	ALIA FATHIMA
B.Tech	B.Tech CE	FATHIMA NOURIN S

B.Tech	B.Tech CE	SAHALA FATHIMA E S
B.Tech	B.Tech CE	SANDRA SATHYAN
B.Tech	B.Tech CE	SREELEKSHMI B
B.Tech	B.Tech CE	ARAVIND K RAMESH
B.Tech	B.Tech CE	ANANDHAKRISHNAN T K
B.Tech	B.Tech CE	ABHIJITH BAIJU
B.Tech	B.Tech CE	ALBIN RAJAN
B.Tech	B.Tech CE	ANANDHU REJI
B.Tech	B.Tech CE	ANANDHU P A
B.Tech	B.Tech CE	ATHUL S
B.Tech	B.Tech CE	AJITH SUNIL
B.Tech	B.Tech CE	ASWANTH PRAKASAN
B.Tech	B.Tech CE	ABIN PAULOSE
B.Tech	B.Tech CE	ANANDHU SHIBI
B.Tech	B.Tech CE	TRISHA K PRAKASH
B.Tech	B.Tech CE	POOJAMOL S
B.Tech	B.Tech CE	PRIYA BABU
B.Tech	B.Tech CE	ALEENA BENNY
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B.Tech	B.Tech CE	ABIYA ANNA MATHEWS
B.Tech	B.Tech CE	ANAGHANANDA M THOPPIL
B.Tech	B.Tech CE	ABHIRAMI SURESH
B.Tech	B.Tech CE	HARSHA HAREESH
B.Tech	B.Tech CE	BESTY JOSE
B.Tech	B.Tech CE	AMALU LENIN
B.Tech	B.Tech CE	GREESHMA
B.TECH	ECE	ABISON SHIBU
B.TECH	ECE	AFSSY BASHEER
B.TECH	ECE	AJUMAL T J
B.TECH	ECE	AKASH P S
B.TECH	ECE	AKHIL A
B.TECH	ECE	AKHIL K SOMAN
B.TECH	ECE	AKHINESH BIJU
B.TECH	ECE	ALFIN E PRASAD
B.TECH	ECE	ANAGHA RAKESH
B.TECH	ECE	ANANDA KRISHNA
B.TECH	ECE	ANANDU P
B.TECH	ECE	ANGEL CHANDRESH
B.TECH	ECE	ANJITHA ANIL
B.TECH	ECE	ARJUN KRISHNA K M
B.TECH	ECE	ARSHA JOY
B.TECH	ECE	ASWIN P T
B.TECH	ECE	ASWIN SIBY
B.TECH	ECE	DEVIKA RAJ K
B.TECH	ECE	DHANUSH M RAJ
B.TECH	ECE	JIBIL JOJI
B.TECH	ECE	JITHIN G THOMAS
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B.TECH	ECE	RAHUL R NATH
B.TECH	ECE	SEBIN PS
B.TECH	ECE	SHAN B MATHEWS
B.TECH	ECE	SREEJISH K PILLAI
B.TECH	ECE	STEPHANE ABRAHAM
B.TECH	ECE	SUBIN SAJI PETER
B.TECH	ECE	TENIL SOJAN

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B.TECH	ECE	VISHNU S
B.TECH	ECE	ABLE THOMAS
B.TECH	ECE	SUDEV A S
M.Tech	VLSI & ES	ANJANA ANIL
M.Tech	VLSI & ES	ANUJI SOMAN
M.Tech	VLSI & ES	SHARI V R
M.Tech	VLSI & ES	SHIDDHU CHETTICKAL
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B.TECH	ECE	ABIYA DAL
B.TECH	ECE	ACHU JAYAMON
B.TECH	ECE	ADITHYAN ANOOP
B.TECH	ECE	ADITYA K J
B.TECH	ECE	AFNA SALIM
B.TECH	ECE	AKSHAY GOPAL
B.TECH	ECE	AMAL V B
B.TECH	ECE	ANANDHU KRISHNAN
B.TECH	ECE	ANJANA K J
B.TECH	ECE	APARNA K S
B.TECH	ECE	ASHBEL ANN ROY
B.TECH	ECE	ASHBIN THOMAS
B.TECH	ECE	ASHNA SAJI
B.TECH	ECE	ASWIN SANTHOSH KUMAR
B.TECH	ECE	AYANA ANTONY
B.TECH	ECE	FAIHA KAMAL S
B.TECH	ECE	GOPIKA MOHAN
B.TECH	ECE	HARIKRISHNAN S
B.TECH	ECE	JEFFERIN VARGHESE
B.TECH	ECE	JISHA JIJI
B.TECH	ECE	KARTHIKA SUNIL
B.TECH	ECE	KARTHIK P
B.TECH	ECE	K R DEVIKA
B.TECH	ECE	K R JAYASOORYA
B.TECH	ECE	MELVIN VARGHESE MANOJ
B.TECH	ECE	MOHITH RANA
B.TECH	ECE	NIBHAMOL S
B.TECH	ECE	NIDHASH AHAMED M
B.TECH	ECE	NOURIN NILA NAZAR
B.TECH	ECE	P ADHIBAN CHANDRABOSE
B.TECH	ECE	POORNIMA PUSHPAN
B.TECH	ECE	RAJASREE P K
B.TECH	ECE	SURABHI SUNIL
B.TECH	ECE	VIDHU MOHAN
B.TECH	ECE	VISHNU SASI
B.TECH	ECE	VISHNU S BABU
B.TECH	ECE	ANZAR BASHEER
B.TECH	ECE	DILSILA
B.TECH	ECE	JITHIN JOY
B.TECH	ECE	TEJI JOSEPH
B.Tech	B.Tech ME	ABHIMANYU BIJU
B.Tech	B.Tech ME	ABHIMANYU RAJI
B.Tech	B.Tech ME	ABHIRAMI R
B.Tech	B.Tech ME	AKHIL SURESH
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B.Tech	B.Tech ME	ANIL JOSEPH
B.Tech	B.Tech ME	ANUJITH S
B.Tech	B.Tech ME	AROMAL MADHU
B.Tech	B.Tech ME	ASWANTH JAYAN
B.Tech	B.Tech ME	CHIKKUN PHILIP
B.Tech	B.Tech ME	DENY MON DAVIDSON
B.Tech	B.Tech ME	EMIN JOSEPH
B.Tech	B.Tech ME	AGHINI SHKRISHNA K S
B.Tech	B.Tech ME	LIJIN THOMAS
B.Tech	B.Tech ME	MAHESH NARAYANAN
B.Tech	B.Tech ME	MANEESH S
B.Tech	B.Tech ME	PRANAV PM
B.Tech	B.Tech ME	PRAIYASH P PRAKASHI
B.Tech	B.Tech ME	PREEITHI SATHEESH
B.Tech	B.Tech ME	RIBIN VARGHESE
B.Tech	B.Tech ME	ROSHAN SIMON
B.Tech	B.Tech ME	SHINE K SHAJI
B.Tech	B.Tech ME	SONY ANTONY
B.Tech	B.Tech ME	TOBIN JOSEPH
B.Tech	B.Tech ME	VARSHA LAL
B.Tech	B.Tech ME	VIMAL VINOD
B.Tech	B.Tech ME	YAKOB BINOY
B.Tech	B.Tech ME	ANANDU P A
B.Tech	B.Tech ME	ANANDU S
B.Tech	B.Tech ME	SJO JOHN
B.Tech	B.Tech ME	ABHISHEK VINOD
B.Tech	B.Tech ME	ABIRAM ANIL
B.Tech	B.Tech ME	ADHIL AHZAM
B.Tech	B.Tech ME	AJAY T S
B.Tech	B.Tech ME	AKASH T
B.Tech	B.Tech ME	AKSHAY S
B.Tech	B.Tech ME	ALBIN K SHAJAN
B.Tech	B.Tech ME	ALPHIN BINU
B.Tech	B.Tech ME	ASWIN K S
B.Tech	B.Tech ME	ASWIN P B
B.Tech	B.Tech ME	ATHUL RAJ T J
B.Tech	B.Tech ME	BLESSON SUNNY
B.Tech	B.Tech ME	CHINMAY S
B.Tech	B.Tech ME	DAIN RAJESH
B.Tech	B.Tech ME	DANIN V SABU
B.Tech	B.Tech ME	DEVAN SARATHI
B.Tech	B.Tech ME	GOPIKRISHNAN G
B.Tech	B.Tech ME	GOWRISANKAR A
B.Tech	B.Tech ME	IRFAN NAZEER
B.Tech	B.Tech ME	JESWIN JAMES
B.Tech	B.Tech ME	JOMIN ROY
B.Tech	B.Tech ME	KANNAN BIJU
B.Tech	B.Tech ME	KARTHIK JEEVAN
B.Tech	B.Tech ME	MUHAMED ASLAM
B.Tech	B.Tech ME	MUHAMMED RAFI S
B.Tech	B.Tech ME	NOYAL BINOY
B.Tech	B.Tech ME	RAHUL C BABU
B.Tech	B.Tech ME	REX GEMON
B.Tech	B.Tech ME	SIJIN VARGHESE
B.Tech	B.Tech ME	T MUHAMMED THIANZEER
B.Tech	B.Tech ME	VISHAL SASIDHARAN

B.Tech	B.Tech ME	AMAL DEV H
B.Tech	B.Tech ME	HRISHIKESH J
M.Tech	M.Tech IEM	AJAY ANJOK
M.Tech	M.Tech IEM	AKASH R
M.Tech	M.Tech IEM	RAJAKRISHNAN C R
M.Tech	M.Tech IEM	JOHNY JOSEPH
M.Tech	M.Tech IEM	MAMITHA J MATHEW
M.Tech	M.Tech IEM	MANTHENA P S
M.Tech	M.Tech IEM	MUHAMMED ARSHAD SIA M A
M.Tech	M.Tech IEM	NAVEEN LAZAR K
M.Tech	M.Tech IEM	SYTHIA P S
M.Tech	M.Tech IEM	VISHNU C R
M.Tech	M.Tech IEM	VISHNU SUDHEESH
B.Tech	B.Tech ME	A ARAVIND
B.Tech	B.Tech ME	AADHIL ABBAS
B.Tech	B.Tech ME	ABHINAV S K
B.Tech	B.Tech ME	ARUN V J
B.Tech	B.Tech ME	DEV KRISHNAN P
B.Tech	B.Tech ME	MUHAMMED SAHAL K J
B.Tech	B.Tech ME	SOJITH A BAIJU
B.Tech	B.Tech ME	ADITHYAN SAJI
B.Tech	B.Tech ME	ARUN V J
B.Tech	B.Tech ME	ABHINAV S K
B.Tech	B.Tech ME	SREENATH K S
B.Tech	B.Tech ME	SOJITH A BAIJU
B.Tech	B.Tech ME	YASHWANTH RAO
B.Tech	B.Tech ME	JOEL GEORGEKUTTY
B.Tech	B.Tech ME	AMAL SHAJI
B.Tech	B.Tech ME	EBIN MATHEW SKARIA
B.Tech	B.Tech ME	MUHAMMED FAYAS
B.Tech	B.Tech ME	PHILIP PAUL
B.Tech	B.Tech ME	VISAL KS
B.Tech	B.Tech ME	VISHNU LAL
B.Tech	B.Tech ME	ASLAM B KABEER
B.Tech	B.Tech ME	HRISHIKESH J
B.Tech	B.Tech ME	GOPIKRISHNAN G
B.Tech	B.Tech ME	AMAL DEV H
B.Tech	B.Tech ME	GOWRISHANKAR A
B.Tech	B.Tech ME	ASWIN K S
B.Tech	B.Tech ME	SUJIN VARGHESE
B.Tech	B.Tech ME	T MUHAMMED THANZEER
B.Tech	B.Tech ME	ALPHIN BINU
B.Tech	B.Tech ME	AKASH T
B.Tech	B.Tech ME	AJAY T S
B.Tech	B.Tech AM	T ALLWIN KINGSTAN
B.Tech	B.Tech AM	ANANDHU SANTHOSH
B.Tech	B.Tech AM	DON PHILIP
B.Tech	B.Tech AM	ABDULLA HASHIM
B.Tech	B.Tech AM	ABHIRAMI BIJU
B.Tech	B.Tech AM	AISWARYA BIJU
B.Tech	B.Tech AM	ANANDHU SANTHOSH
B.Tech	B.Tech AM	ANAND JOHN BABY
B.Tech	B.Tech AM	ANANTHU H
B.Tech	B.Tech AM	ARAVIND P S
B.Tech	B.Tech AM	AVANI REJEESH
B.Tech	B.Tech AM	GAYATHRI P B
B.Tech	B.Tech AM	HARIJITH M M
B.Tech	B.Tech AM	JAGANNATH S



B.Tech	B.Tech AM	NANDANA SURESH
B.Tech	B.Tech AM	NIRUPAMA R PILLAI
B.Tech	B.Tech AM	NIVEDITHA MANOJ
B.Tech	B.Tech AM	R ANAND
B.Tech	B.Tech AM	SANA MATHIE W
B.Tech	B.Tech AM	SOORAJ SANTHOSH
B.Tech	B.Tech AM	SURI SHIKUMAR B
B.Tech	B.Tech AM	VINAYA PRASAD P
B.Tech	B.Tech AM	ABHINAVE G NAIR
B.Tech	B.Tech AM	ADARSH SUNIL
B.Tech	B.Tech AM	ADITHYAN V V
B.Tech	B.Tech AM	AGIN C VIJU
B.Tech	B.Tech AM	AKASH BIJU
B.Tech	B.Tech AM	ALAN BINOY
B.Tech	B.Tech AM	ALAN THANKACHAN
B.Tech	B.Tech AM	ALBIN BENNY
B.Tech	B.Tech AM	ALEX J MATHIE W
B.Tech	B.Tech AM	ALFY MATHIE W PHILIP
B.Tech	B.Tech AM	ALFYMOL T A
B.Tech	B.Tech AM	AMAL SABU
B.Tech	B.Tech AM	ANANDHU K BINU
B.Tech	B.Tech AM	ANJANA ANILKUMAR
B.Tech	B.Tech AM	ASWIN PRAMOD
B.Tech	B.Tech AM	ATHUL MANOJ
B.Tech	B.Tech AM	DEVALAKSHIMI S J
B.Tech	B.Tech AM	DEVANARAYANAN V S
B.Tech	B.Tech AM	DIHANUSH P
B.Tech	B.Tech AM	FAALHA NISHAD
B.Tech	B.Tech AM	FARIS BASHEER
B.Tech	B.Tech AM	HASHIR MUHAMMED
B.Tech	B.Tech AM	JIBIN N ANI
B.Tech	B.Tech AM	LEKSHMI KRISHNA P A
B.Tech	B.Tech AM	MUHAMMED ASLAM S
B.Tech	B.Tech AM	NEGHA S VINOD
B.Tech	B.Tech AM	SONA MARIYAM JOHN
B.Tech	B.Tech AM	SREE LAKSHMI N P
B.Tech	B.Tech AM	SURYA K RATHEESH
B.Tech	B.Tech AM	SWAJNA MARY NELSON
B.Tech	B.Tech AM	KENZE BIJU
B.Tech	B.Tech AM	MUHAMMED BILAL
B.Tech	B.Tech AM	MUHAMMED FOUZ M. A
B.Tech	B.Tech AM	ABHIJITH T BIJU
B.Tech	B.Tech AM	ABHINAVE M SUDHEENDRAN
B.Tech	B.Tech AM	ABHIRAMI VENUGOPAL
B.Tech	B.Tech AM	ADI ANIL
B.Tech	B.Tech AM	ADITHYA HARI
B.Tech	B.Tech AM	ADITHYAN ANIL
B.Tech	B.Tech AM	ADITHYAN UNNI
B.Tech	B.Tech AM	AISWARYA ANIL
B.Tech	B.Tech AM	ALFIYA MOL P N
B.Tech	B.Tech AM	ALIYA NUHILAS
B.Tech	B.Tech AM	AMAL ANTONY
B.Tech	B.Tech AM	AMEEN NADIRSHA
B.Tech	B.Tech AM	ANANDHU SURESH
B.Tech	B.Tech AM	ANJANADEV I K
B.Tech	B.Tech AM	ANJITH T BIJU
B.Tech	B.Tech AM	ANSARUDEEN H A
B.Tech	B.Tech AM	ANSTIN JOSE

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B.Tech	B.Tech AM	ARJUN KRISHINA A B
B.Tech	B.Tech AM	ARYANANDHA THANKACHAN
B.Tech	B.Tech AM	ARYAN S
B.Tech	B.Tech AM	ASHWIN P H
B.Tech	B.Tech AM	A SNESHA SURESH
B.Tech	B.Tech AM	ASWIN REJI
B.Tech	B.Tech AM	ATHIF SAMEER
B.Tech	B.Tech AM	ATHIRA ANIL
B.Tech	B.Tech AM	BASIL REJI POULOSE
B.Tech	B.Tech AM	BEEMA AJMAL
B.Tech	B.Tech AM	BHAGYA RAJEEV
B.Tech	B.Tech AM	CHETHANA SRIKANTH
B.Tech	B.Tech AM	DENNY P SHAJI
B.Tech	B.Tech AM	DIANASURYA BINO
B.Tech	B.Tech AM	DILJITH RAJESH
B.Tech	B.Tech AM	GLENNIS SEBASTIAN
B.Tech	B.Tech AM	GOWRI SANKARAN B
B.Tech	B.Tech AM	HAREESH KRISHINAN K B
B.Tech	B.Tech AM	HUDA THASNI K.H
B.Tech	B.Tech AM	JERIN JAMES
B.Tech	B.Tech AM	JESWIN MATHEW
B.Tech	B.Tech AM	JOSHUA GEORGE
B.Tech	B.Tech AM	JYOTHI LESHMI
B.Tech	B.Tech AM	KARISHMA S KUNJUMON
B.Tech	B.Tech AM	KAVUMKAMATTATHIL JEFFIN SAJAN
B.Tech	B.Tech AM	KRISHNAPRIYA K. R
B.Tech	B.Tech AM	MALAVIKA SHIBU
B.Tech	B.Tech AM	MALAVIKA S NAIR
B.Tech	B.Tech AM	M B SIDHARTH
B.Tech	B.Tech AM	MEHRUBAN PS
B.Tech	B.Tech AM	NADEEM NOUSHAD
B.Tech	B.Tech AM	MUHAMMED YAASIR
B.Tech	B.Tech AM	NAVIN M THARAKAN
B.Tech	B.Tech AM	RISHIKESH S
B.Tech	B.Tech AM	SHERMINA M S
B.Tech	B.Tech AM	SHIVAPRIYA C. A
B.Tech	B.Tech AM	SONU SAJI
B.Tech	B.Tech AM	SOORAJ B NAIR
B.Tech	B.Tech AM	SREYAS N S
B.Tech	B.Tech AM	TOM BINU
B.Tech	B.Tech AM	TOMIN BABY
B.Tech	B.Tech AM	YADHUKRISHNA
MBA	MBA	ABHIGITH M J
MBA	MBA	AISWARYA KRISHNAN
MBA	MBA	AJIN ABRAHAM
MBA	MBA	AKASH KUMAR S
MBA	MBA	AKHILA SASIKUMAR
MBA	MBA	AKHIN SAJI
MBA	MBA	ALANA A
MBA	MBA	AMAL P CHERIAN
MBA	MBA	ANFA FATHIMA N.S
MBA	MBA	ANSAL SAJI
MBA	MBA	ANU JOHN
MBA	MBA	ANURENJANA K
MBA	MBA	ARYA DEVARAJAN
MBA	MBA	ASHMI PHILO SEBASTIAN
MBA	MBA	ATHIRA S BABU
MBA	MBA	BIBIN JOSEPH

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MBA	MBA	DEEPU P DINESH
MBA	MBA	HAMZA MUHAMMED METHER
MBA	MBA	JOMOL KUNJUMON
MBA	MBA	JOSSUKUTTY ALOYSIUS
MBA	MBA	JUHI ANN MARY GEORGE
MBA	MBA	JWALA S
MBA	MBA	LAKSHMI SABU
MBA	MBA	LINCY SARA KURIAN
MBA	MBA	MARY ASHMY ANTONY
MBA	MBA	MERIN SARA ABRAHAM
MBA	MBA	NIMMY P MADHU
MBA	MBA	RIYA GEORGE NADACKAL
MBA	MBA	SANGEETHA C S
MBA	MBA	SARGON VARGHESE M
MBA	MBA	SHAMLA M
MBA	MBA	SHILPA SANTHOSH
MBA	MBA	SNEHA ELAISE GEORGE
MBA	MBA	SONA SOMAN
MBA	MBA	TOBY PAUL
MBA	MBA	VIJAY VINAYAN
MBA	MBA	ABEEGA MARIYAM SANTHOSH
MBA	MBA	ABHIRAMIMOL K S
MBA	MBA	ABIN RAJESH
MBA	MBA	ADITHYA MOHANAN
MBA	MBA	AISWARYA MANO
MBA	MBA	AKHIL JOY
MBA	MBA	ALWIN EAPPACHEN
MBA	MBA	AMAL VIJAYAKUMAR
MBA	MBA	AMRITHA SAJU
MBA	MBA	ANJANA PRASAD
MBA	MBA	ARATHI REJI
MBA	MBA	ARJUN SHAJI
MBA	MBA	ARPITHA KRISHNA
MBA	MBA	ATHIRA K SAJEEV
MBA	MBA	AYANA JOSE
MBA	MBA	CHANDANA S SURESH
MBA	MBA	DEVIKA PRASANTH
MBA	MBA	GEOMON JOY
MBA	MBA	GEORGI K SAMSON
MBA	MBA	JOSHMI JOSEPH
MBA	MBA	JOYAL SABU
MBA	MBA	KARTHI KRISHNA
MBA	MBA	KIRAN K KUTTAPPAN
MBA	MBA	MAHIMAMOL C MADHU
MBA	MBA	MATHEWS K FREDY
MBA	MBA	MEERA BIJU
MBA	MBA	NIMMYA THANKACHAN
MBA	MBA	NIRMAL JESWIN MATHEW
MBA	MBA	NIYAS A P
MBA	MBA	NOORA AJI
MBA	MBA	PARVATHI JAYAN
MBA	MBA	PRAVEENA PRASADKUMAR
MBA	MBA	RASHIN NAUSHAD
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MBA	MBA	SANA FATHIMA
MBA	MBA	SARANGI S
MBA	MBA	SARATH B NAIR

  
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MBA	MBA	SONA ANNA SAM
MBA	MBA	SREYA S NAIR
MBA	MBA	SURYA S NAIR
MBA	MBA	Abdulrahman M Haneefa
MBA	MBA	Abhijith Bajju
MBA	MBA	Abin Benny
MBA	MBA	Adhitya A
MBA	MBA	Adhitya K S
MBA	MBA	Adithya Vaisalan
MBA	MBA	Afeef Shaji
MBA	MBA	Akshay Suresh
MBA	MBA	Alwin Joshy
MBA	MBA	Anandhu Manoj
MBA	MBA	Anasmon J
MBA	MBA	Anseef Noushad
MBA	MBA	Arun Raj
MBA	MBA	Arun TS
MBA	MBA	Ashkar Kabir
MBA	MBA	Aswin Binu
MBA	MBA	Aswin Sunil
MBA	MBA	Athy Suresh
MBA	MBA	Bijith krishna P B
MBA	MBA	Christina Sara Alex
MBA	MBA	Colin Joe Sebastian
MBA	MBA	Farsana Sathar
MBA	MBA	Gautham Dileep
MBA	MBA	Githin John Shaji
MBA	MBA	Ibrahim Badhusa
MBA	MBA	Jagan Suresh
MBA	MBA	Jebson A Baby
MBA	MBA	Jijo Thomas
MBA	MBA	Jobin Thomas Mathai
MBA	MBA	Jyothy B
MBA	MBA	Kelvin Thomas
MBA	MBA	Malavika Mani
MBA	MBA	Marin Jossy Joseph
MBA	MBA	Mercy S
MBA	MBA	Milton P B
MBA	MBA	Mohammed Aslam
MBA	MBA	Nahas K S
MBA	MBA	Nithin Jacob Thankachan
MBA	MBA	Nithin Vijayan
MBA	MBA	Nowrin Fathima
MBA	MBA	Pranav P
MBA	MBA	Radhika Radhakrishnan
MBA	MBA	Radhika S
MBA	MBA	Rahul krishna
MBA	MBA	Revathy P S
MBA	MBA	Rijo Mathew Eapan
MBA	MBA	Ruben George John
MBA	MBA	Salman Bin Navas
MBA	MBA	Sanju Thomas
MBA	MBA	Shilpa Sivankutty
MBA	MBA	Sindura Prakashan
MBA	MBA	Sneha Shiny Sam
MBA	MBA	Sonu. S
MBA	MBA	Sooraj Sajith

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MBA	MBA	Sreelakshmi Anil
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MBA	MBA	Adarsh C S
MBA	MBA	Adithya G Nath
MBA	MBA	Akash Johnson
MBA	MBA	Akhil Shaji
MBA	MBA	Akshaya Ajith
MBA	MBA	Amrutha
MBA	MBA	Anandhu Uthaman
MBA	MBA	Angel George
MBA	MBA	Ansu Babu
MBA	MBA	Archana Babu
MBA	MBA	Arya Purushothaman
MBA	MBA	Aryalakshmi C S
MBA	MBA	Ashiyamol PS
MBA	MBA	Ashna Zakir
MBA	MBA	Aswani Soman
MBA	MBA	Bibin Benny
MBA	MBA	Bince Benny
MBA	MBA	Chinchumol B John
MBA	MBA	Devapriya Binu
MBA	MBA	Jayakrishnan
MBA	MBA	Jibu P Biju
MBA	MBA	Jijo K Chacko
MBA	MBA	Jino Thomas
MBA	MBA	Jithin Shaji
MBA	MBA	Joice P Shibu
MBA	MBA	Jojoy Sibi
MBA	MBA	Joyal Thomas
MBA	MBA	Justin Jacob
MBA	MBA	Keerthi Dayalu
MBA	MBA	Linumol
MBA	MBA	Manu Renjith
MBA	MBA	Mary Helen
MBA	MBA	Meenu M Nair
MBA	MBA	Mekha P S
MBA	MBA	Merin Susan Joseph
MBA	MBA	Nandu Krishna
MBA	MBA	Nashida
MBA	MBA	Nijo Mathew
MBA	MBA	Noel Philip
MBA	MBA	Preethi Jayan
MBA	MBA	Rajeena Reji
MBA	MBA	Sandra Kunjumon
MBA	MBA	Sanjay S
MBA	MBA	Sanjo K Roy
MBA	MBA	Saranga Sajan
MBA	MBA	Shon Pearson
MBA	MBA	Sneha Santhosh
MBA	MBA	Snehavally A K
MBA	MBA	Sona Thomas
MBA	MBA	Sreeparvathi Pillai
MBA	MBA	Sudhy T.S
MBA	MBA	Surabhi S
MBA	MBA	Vidhya Vijayan
MBA	MBA	Vidhyamol P.V
MBA	MBA	Vishnu Selvaraj

  
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MCA	MCA	ABHIRAM A K
MCA	MCA	ABIN VARADHESE
MCA	MCA	ABITHANAN C P
MCA	MCA	AIRISHWARVA BALAKRISHNAN
MCA	MCA	AKASH P PAKASHIAN
MCA	MCA	AKSHAY BILSON
MCA	MCA	AI AN BABY
MCA	MCA	AI BIN BABU
MCA	MCA	ALVIN JOSEPH
MCA	MCA	ANANDU AJIKUMAR
MCA	MCA	ANANDU SURESH
MCA	MCA	ANGITH PANICKER
MCA	MCA	ANJANA R
MCA	MCA	ARCHA DAS
MCA	MCA	ARJUN M B
MCA	MCA	ARJUN P SAJI
MCA	MCA	ASWIN K P
MCA	MCA	ASWIN KRISHNA M
MCA	MCA	ATHIRA PRAKASH
MCA	MCA	ATHULLAYA S
MCA	MCA	BIBIN BINOY
MCA	MCA	DEVANARAYANAN M
MCA	MCA	GIBIN SKARIA PHILIP
MCA	MCA	GRIGORY RAJEEV
MCA	MCA	HEBAL THOMAS
MCA	MCA	JOHN JOSE
MCA	MCA	KRISHNAVENI EK
MCA	MCA	KRISHNENDHU KM
MCA	MCA	MAHESH K M
MCA	MCA	MEGHA ANISH
MCA	MCA	NANDHAKUMAR K.S
MCA	MCA	NANDHU SOMAN
MCA	MCA	NEBIN P SABU
MCA	MCA	PARVANA DILEEP
MCA	MCA	PARVATHY B LAL
MCA	MCA	PARVATHY MOHANAN
MCA	MCA	REEMA SOSA THOMAS
MCA	MCA	REVATHI S KUMAR
MCA	MCA	RIYA ANN REJI
MCA	MCA	ROJIN ROY
MCA	MCA	ZAINA ZAKKER
MCA	MCA	SUHANA SHEREEF
MCA	MCA	VISAL P D
B.Tech	BTECH EEE	ABHIJITH N SHENOY
B.Tech	BTECH EEE	ABIN MATHEW
B.Tech	BTECH EEE	AKASH VARMA
B.Tech	BTECH EEE	ALISHYA PHILIP
B.Tech	BTECH EEE	ALSHIN ANSARI
B.Tech	BTECH EEE	ANANDESHWER E R
B.Tech	BTECH EEE	ANANDHU PRAVEEN
B.Tech	BTECH EEE	ARATHI SIBI
B.Tech	BTECH EEE	ASHIK K R
B.Tech	BTECH EEE	ASWIN KUMAR K S
B.Tech	BTECH EEE	GIBU K THOMAS
B.Tech	BTECH EEE	JEFIN P JOSE
B.Tech	BTECH EEE	JUBY JOSEPH
B.Tech	BTECH EEE	JUSTIN PETER
B.Tech	BTECH EEE	LINTO MATHEW P JOHN

B.Tech	BTECH EEE	MANAF NIZAR
B.Tech	BTECH EEE	MIDHUN S BABU
B.Tech	BTECH EEE	MOHAMAD SHA K
B.Tech	BTECH EEE	SEBASTAIN K CHACKO
B.Tech	BTECH EEE	SUBIN M JOHN
B.Tech	BTECH EEE	VISHNU A S
B.Tech	BTECH EEE	ABHIN SANTH P
B.Tech	BTECH EEE	ADONE SHINCE
B.Tech	BTECH EEE	AISWARYA A S
B.Tech	BTECH EEE	AMAL LALACHAN
B.Tech	BTECH EEE	ANJANA SANTHOSH
B.Tech	BTECH EEE	ANTONY JOSEPH
B.Tech	BTECH EEE	ATHUL C V
B.Tech	BTECH EEE	CHRISTO JOSEPH
B.Tech	BTECH EEE	GANESH KUMAR K S
B.Tech	BTECH EEE	GAUTHAM KRISHNA K S
B.Tech	BTECH EEE	GEO SUNNY
B.Tech	BTECH EEE	HARIKRISHNAN K R
B.Tech	BTECH EEE	JOHN ALBIN LIJAN
B.Tech	BTECH EEE	JOYAL JOMON
B.Tech	BTECH EEE	KANNAN BABU
B.Tech	BTECH EEE	MUHAMMED IRFAN
B.Tech	BTECH EEE	NELSON E S
B.Tech	BTECH EEE	ROHITH H
B.Tech	BTECH EEE	SACHU BINU
B.Tech	BTECH EEE	SANDRA SATHEESH
B.Tech	BTECH EEE	SANJAY K S
B.Tech	BTECH EEE	ABHINAV P.B
B.Tech	BTECH EEE	AKHIL RAJ
B.Tech	BTECH EEE	JACOB THOMAS
B.Tech	BTECH EEE	THOMAS SEBASTIAN
B.Tech	BTECH EEE	ABIN CHACKO
B.Tech	BTECH EEE	ADHITHYAN S
B.Tech	BTECH EEE	ADVAITH HARIDAS
B.Tech	BTECH EEE	ADVAITH V A
B.Tech	BTECH EEE	AKSHAY SATHEESAN
B.Tech	BTECH EEE	ALBIN THOMAS
B.Tech	BTECH EEE	ANJANA S S
B.Tech	BTECH EEE	ARJUN ANIL
B.Tech	BTECH EEE	ASHWIN PRASAD R
B.Tech	BTECH EEE	ASWIN AJI
B.Tech	BTECH EEE	BHAVIYA LAKSHMI S
B.Tech	BTECH EEE	EMIL MATHEW BIJU
B.Tech	BTECH EEE	JEEVAN SURESH
B.Tech	BTECH EEE	JERRIN JOJO
B.Tech	BTECH EEE	LIGI GEORGE
B.Tech	BTECH EEE	MEERA GOPINATH
B.Tech	BTECH EEE	MEVIN KURIAN THOMAS
B.Tech	BTECH EEE	MIDHUN VENU
B.Tech	BTECH EEE	NAVEEN SUNIL
B.Tech	BTECH EEE	NEERAJA NAIR
B.Tech	BTECH EEE	SANJAY K G
B.Tech	BTECH EEE	SANJAY SAJAN
B.Tech	BTECH EEE	SIDHARTH PRADEEP
B.Tech	BTECH EEE	SIVA PRASAD
B.Tech	BTECH EEE	SONA SABU
B.Tech	BTECH EEE	SWARAJ P S
B.Tech	BTECH EEE	VISHNU BIJU

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B.Tech	BTECH EEE	AKHIL ABRAHAM KURIAN
B.Tech	BTECH EEE	APRITHA S KUMAR
B.Tech	BTECH EEE	ARAVIND RAJEEV
B.Tech	BTECH EEE	YETUSUBRAMANIAM M
B.Tech	BTECH EEE	ARUNJAN S ANJAN
B.Tech	BTECH EEE	ARUNAM P
B.Tech	BTECH EEE	ADARSH R
B.Tech	BTECH EEE	ADITH A H
B.Tech	BTECH EEE	ARUN P S I R M
B.Tech	BTECH EEE	AKHIL POORADHAN
B.Tech	BTECH EEE	AKSHAY KRISHNA M G
B.Tech	BTECH EEE	ARCHANA ANIL EBIT
B.Tech	BTECH EEE	ARUNIM T
B.Tech	BTECH EEE	CHINT JAIN
B.Tech	BTECH EEE	ETIHA REGI
B.Tech	BTECH EEE	FABEELA M B
B.Tech	BTECH EEE	MAHADEVAN V
B.Tech	BTECH EEE	HEERAT V GILEEP
B.Tech	BTECH EEE	NOEL RAJU
B.Tech	BTECH EEE	BAGAN RAJEEVAN
B.Tech	BTECH EEE	BREEBANTHI G A
M.Tech	M.Tech PEPS	AADHYA MAHEE
M.Tech	M.Tech PEPS	ANALI S KUMAR
M.Tech	M.Tech PEPS	APARNA PRADEEP
M.Tech	M.Tech PEPS	MANU M VENU
M.Tech	M.Tech PEPS	NIVEDI JOHNSON
M.Tech	M.Tech PEPS	NIVYA P S
M.Tech	M.Tech PEPS	SANGEETHA T S
M.Tech	M.Tech PEPS	Bipin Raj
BTECH	CSE	Kavyastree A
BTECH	CSE	A AKSHAY
BTECH	CSE	ADITHYA KRISHNAN R
BTECH	CSE	AJAI A M
BTECH	CSE	ALBIN K VARGHESE
BTECH	CSE	ADITHYA KRISHNA P K
BTECH	CSE	AJITH SAJIMON
BTECH	CSE	AKSON CHERIYAN
BTECH	CSE	ALAN JOSEPH
BTECH	CSE	ABHID METHAR
BTECH	CSE	ADITHYAN H
BTECH	CSE	AKSHAYA SURESH
BTECH	CSE	AMEENA K S
BTECH	CSE	ABHINANDANA K S
BTECH	CSE	ADWAITH ASHOK
BTECH	CSE	AHAMMED YASEEN
BTECH	CSE	ALAN BIJU
BTECH	CSE	ABIN BIJU VARGHESE
BTECH	CSE	ALBIN VARGHESE
BTECH	CSE	ALPHIN JOYES
BTECH	CSE	ALWIN T THOMAS
BTECH	CSE	ADHWAITH S
BTECH	CSE	AHANNA GEORGE
BTECH	CSE	AKSHAY KUMAR R
BTECH	CSE	AMITHAMOL VARGHESE
BTECH	CSE	ALBIN RAJAN
BTECH	CSE	AMAL SURESH
BTECH	CSE	AMRUTHA PRADEEP
BTECH	CSE	ANAGHA ANIL KUMAR




BTECH	CSE	ANANDA KRISHNA K A
BTECH	CSE	ANAND SURESH
BTECH	CSE	ANANDU S
BTECH	CSE	ANANTHAKRISHNAN M NAIR
BTECH	CSE	BHAGYALAKSHMI S PRASAD
BTECH	CSE	BIJOY P OOMMEN
BTECH	CSE	DIYA PRASAD
BTECH	CSE	JITHU REJI
BTECH	CSE	ANN LITTA JOE
BTECH	CSE	ARJUN RAJEEV
BTECH	CSE	ASWIN SURESH KAIMAL
BTECH	CSE	JIBIN BIJU
BTECH	CSE	ARJUN JAYAKUMAR
BTECH	CSE	AROMAL P S
BTECH	CSE	ELIZABATH SUSAN VARGHESE
BTECH	CSE	JINU TREESA ABRAHAM
BTECH	CSE	BICHU ANTONY
BTECH	CSE	HARI NARAYANAN V
BTECH	CSE	JITHIN JACOB BYJU
BTECH	CSE	JOBIN ABRAHAM
BTECH	CSE	ARJUN SABU
BTECH	CSE	BALAGOPAL B
BTECH	CSE	DON XAVIER
BTECH	CSE	JEWEL ELIZABETH GEORGE
BTECH	CSE	ATHUL KRISHNA A
BTECH	CSE	BINO THOMAS
BTECH	CSE	EDWIN S GEORGE
BTECH	CSE	RENSON K ROJI
BTECH	CSE	NAVNEETH KRISHNAN S
BTECH	CSE	NADHA FATHIMA
BTECH	CSE	MUHAMMED FIYAS
BTECH	CSE	PRATYUSH UNNITHAN
BTECH	CSE	NIKSON MATHEW
BTECH	CSE	RAJALEKSHMI L R
BTECH	CSE	KASHYAP HAREESH
BTECH	CSE	MEERA V NAIR
BTECH	CSE	RESHMA RAJ
BTECH	CSE	RIKAS MOHAMMED N
BTECH	CSE	MUHAMMAD AMEERSHA
BTECH	CSE	PRANAV H NAIR
BTECH	CSE	MILAN ABRAHAM THOMAS
BTECH	CSE	NAVYA PAULOSE
BTECH	CSE	RAHUL ABRAHAM
BTECH	CSE	MILTON TOM
BTECH	CSE	MUHAMMED FARIS EASA
BTECH	CSE	MOHAMMED HUSSAIN
BTECH	CSE	NIKHIL MATHEW
BTECH	CSE	KESIYA VARGHESE
BTECH	CSE	KRISHNAPRIYA A M
BTECH	CSE	NIRANJANA SURESH
BTECH	CSE	RESHMA JOSE
BTECH	CSE	JOEL ABE THOMAS
BTECH	CSE	JOEL JOHNSON KOCHUKOIKKAL
BTECH	CSE	JOSEPH BABU
BTECH	CSE	PATRIC JOE AJI
BTECH	CSE	LAKSHMI MOHAN
BTECH	CSE	MANJITH MURALI
BTECH	CSE	PARTHICK .M. S

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BTECH	CSE	NIKHIL T
BTECH	CSE	SHANTO SHAJI
BTECH	CSE	UJWAL U
BTECH	CSE	VISHNUNATH M
BTECH	CSE	STEEVE K SUNNY
BTECH	CSE	SHEBIN MATHEW CHACKO
BTECH	CSE	SIDHARTH SANTHOSH
BTECH	CSE	SIYA MARY KURIAN
BTECH	CSE	SONA VARGHESE
BTECH	CSE	SRADHA SANTHOSH
BTECH	CSE	SREEPRIYA T M
BTECH	CSE	SHAN NATESAN
BTECH	CSE	SUKIL MANNIL
BTECH	CSE	SRUTHY SHIBU
BTECH	CSE	SREEHARI J
BTECH	CSE	SIDHARTH GOPALA KRISHNAN
BTECH	CSE	VISWAM N VISHNU
BTECH	CSE	DEVAMRUTH V AJIKUMAR
BTECH	CSE	SIDHARTH S KUMAR
BTECH	CSE	MIDHUN MEDAYIL
BTECH	CSE	STEBIN VARGHESE JOSE
BTECH	CSE	ROBIN ABRAHAM
BTECH	CSE	RONEY V. MAMMEN
BTECH	CSE	SOORAJ SANTHOSH
BTECH	CSE	VYSHAK OMANAKUTTAN
BTECH	CSE	SHEFNA HAJEEB
BTECH	CSE	VEENA VENUGOPAL
BTECH	CSE	SREELAKSHMI S
BTECH	CSE	SREEDEV N P
BTECH	CSE	Jijo Abraham
BTECH	CSE	Jayce Ben Raj
BTECH	CSE	Sujith Sam Saju
BTECH	CSE	Kezin Kenut
BTECH	CSE	Varsha Dinesh
BTECH	CSE	Treesa Joseph
BTECH	CSE	Keerthana M John
BTECH	CSE	VijayVinod
BTECH	CSE	Pranav P Hedgen
BTECH	CSE	Tojo Jose
BTECH	CSE	Surya S
BTECH	CSE	Minumol T S
BTECH	CSE	Sreekutty K S
BTECH	CSE	Niranjana Sajeav
BTECH	CSE	Jeffry Rony
BTECH	CSE	Joel Sabu
BTECH	CSE	Michael Christopher
BTECH	CSE	Sneha V Binu
BTECH	CSE	Joel Thomas Mathai
BTECH	CSE	Muhammad Ismail
BTECH	CSE	Sneha Shiju Thomas
BTECH	CSE	Martin Joy
BTECH	CSE	Manu Mathew Thomas
BTECH	CSE	Sneha Elsa Koruth
BTECH	CSE	Shruthi S Suresh
BTECH	CSE	Pooja Pradeep
BTECH	CSE	Sreehari
BTECH	CSE	Maria Thomas
BTECH	CSE	Stephen Thomas

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BTECH	CSE	Megha varghese
BTECH	CSE	Jain Babu K
BTECH	CSE	Kadheeja Ambi
BTECH	CSE	Nissymol Joseph
BTECH	CSE	Tania Mary Joseph
BTECH	CSE	Jaisun T Biji
BTECH	CSE	Monish Zachariah
BTECH	CSE	Sreyas V Nair
BTECH	CSE	Stelin Shabu
BTECH	CSE	R Adarsh
BTECH	CSE	Rojan Sebastian
BTECH	CSE	Safin Johnny
BTECH	CSE	Nithin M Jojo
BTECH	CSE	Jayakrishnan K J
BTECH	CSE	Jagannadhan M V
BTECH	CSE	Sooraj Shaji
BTECH	CSE	Junaid K
BTECH	CSE	Kurian Thomas
BTECH	CSE	Jithin Joy
BTECH	CSE	Jitta Elsa Joby
BTECH	CSE	Muhammed Yaseen
BTECH	CSE	Tom Telson
BTECH	CSE	Shobin Binu
BTECH	CSE	Shon Benny
BTECH	CSE	Sebin Sabu
BTECH	CSE	Aiswarya Lakshmi T R
BTECH	CSE	Alan Sebastian Xavier
BTECH	CSE	Aromal Raj
BTECH	CSE	Dona Elizabeth Saji
BTECH	CSE	Amal K Sony
BTECH	CSE	Anupriya M S
BTECH	CSE	Aparna S
BTECH	CSE	Hariharan S Nair
BTECH	CSE	Adithya Pradeep
BTECH	CSE	Georgy Thomas
BTECH	CSE	Gince George
BTECH	CSE	Henan N S
BTECH	CSE	Ashly Mary Varghese
BTECH	CSE	Asish Albert
BTECH	CSE	Aswin Nadh
BTECH	CSE	Athul Prakash
BTECH	CSE	Abhijith Kumar P A
BTECH	CSE	Akhil Kurian
BTECH	CSE	Albin Sabu
BTECH	CSE	Asif Majeed
BTECH	CSE	Abin Baby
BTECH	CSE	Anu T Kurian
BTECH	CSE	Arjun Mohan C L
BTECH	CSE	Christy Cyriac
BTECH	CSE	Akhila M S
BTECH	CSE	Aleena BiJu
BTECH	CSE	Ashish John Mani
BTECH	CSE	Ayush K Raj
BTECH	CSE	Anas Kuriakose
BTECH	CSE	Ashmi Susan Mathew
BTECH	CSE	Athul Johnson
BTECH	CSE	Griffith Chacko
BTECH	CSE	Adonis C Davis

  
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BTECH	CSE	Arunima Prince
BTECH	CSE	Ashika P E
BTECH	CSE	Adwaith B Nair
BTECH	CSE	Alen Elias Varghese
BTECH	CSE	Anandhu B
BTECH	CSE	Arun P S
BTECH	CSE	Alicia Mariyam Jacob
BTECH	CSE	Amredesh J Nair
BTECH	CSE	Anaswara Mohan
BTECH	CSE	Anoop Prakash
BTECH	CSE	Abhijith P S
BTECH	CSE	Abhinandh R Nair
BTECH	CSE	Amith V Purushothaman
BTECH	CSE	Devika Radhakrishnan
BTECH	CSE	Abhijith Subash
BTECH	CSE	Akhila K G
BTECH	CSE	Akshay K S
BTECH	CSE	Alza K Toby
BTECH	CSE	Ashik Mathew Thomas
BTECH	CSE	Ayushi S Nair
BTECH	CSE	Christo P Ajeesh
BTECH	CSE	Georgekutty S Puthusseril
BTECH	CSE	Abel David Rajan
BTECH	CSE	Alan Sabu
BTECH	CSE	Amal C Santhosh
BTECH	CSE	Chandana Sumendran K
BTECH	CSE	ABHINAV KRISHNA S
BTECH	CSE	ABHISHEK J
BTECH	CSE	ABHISHEK NAIR
BTECH	CSE	ADITHYAN M
BTECH	CSE	ADITHYAN R PILLAI
BTECH	CSE	ADVAITH G
BTECH	CSE	AGNASS GEORGE
BTECH	CSE	AHAMMED FAWAZ
BTECH	CSE	AISWARYA MADHU
BTECH	CSE	AKASH ANIL
BTECH	CSE	ALBERT SAJI
BTECH	CSE	ANAGHA K B
BTECH	CSE	ANAND M S
BTECH	CSE	ANDREA SEBASTIAN
BTECH	CSE	ANGEL SUNNY
BTECH	CSE	ANJALY H KRISHNA
BTECH	CSE	ANJU RAJ N
BTECH	CSE	ANSIYA S
BTECH	CSE	ASWATHI AJITHKUMAR
BTECH	CSE	ASWATHY M P
BTECH	CSE	B HARIDEV
BTECH	CSE	BADUSHA FAIZAL
BTECH	CSE	BEEMA FATHIMA
BTECH	CSE	BENNET VARGHESE REJI
BTECH	CSE	BINIL BIJU
BTECH	CSE	D SALINI
BTECH	CSE	DEVAPRIYA B
BTECH	CSE	DHANUSH B NAIR
BTECH	CSE	FENIL AJU
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BTECH	CSE	FENIL AJU

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BTECH	CSE	ABHISHEK J
BTECH	CSE	ABHISHEK NAIR
BTECH	CSE	ADITHYAN M
BTECH	CSE	ANAND M S
BTECH	CSE	ANJALY H KRISHNA
BTECH	CSE	BENNET VARGHESE REJI
BTECH	CSE	ANAGHA K B
BTECH	CSE	ANSIYA S
BTECH	CSE	GOKUL KRISHNA O
BTECH	CSE	ASHIQYE P
BTECH	CSE	ADVAITH G
BTECH	CSE	AKHIL SADANANTHAN
BTECH	CSE	ANGEL GEORGE
BTECH	CSE	ANJANA MANOJ
BTECH	CSE	ASHIN GEORGE
BTECH	CSE	AKSHAY C
BTECH	CSE	ADHIL MUHAMMED
BTECH	CSE	ALBIN S THOMAS
BTECH	CSE	ALBERT SAJI
BTECH	CSE	ALBERT SCARIA
BTECH	CSE	ARJUN SAJEEV
BTECH	CSE	AMITA S
BTECH	CSE	GOPIKA PRAKASH
BTECH	CSE	BHAVYA V RENJITH
BTECH	CSE	ANGEL SUNNY
BTECH	CSE	ALBIN V SOJU
BTECH	CSE	ATHUL KRISHNA
BTECH	CSE	AMEER KS
BTECH	CSE	ABHINAV KRISHNA S
BTECH	CSE	ANDREA SEBASTIAN
BTECH	CSE	GOPIKA BABURAJ
BTECH	CSE	ABIN SHIJO
BTECH	CSE	AKSHAYA C
BTECH	CSE	AAYUSHI RAJESH
BTECH	CSE	ARYA PREM
BTECH	CSE	DEVIKA S BINU
BTECH	CSE	Adithyan R
BTECH	CSE	Gowri S Prem
BTECH	CSE	Hiba Fathima
BTECH	CSE	Jayakrishnan MG
BTECH	CSE	Khadeeja Reji
BTECH	CSE	Krishnendhu J
BTECH	CSE	Meenakshi J
BTECH	CSE	Melbin Scaria Thomas
BTECH	CSE	Parvathi P
BTECH	CSE	Pooja Ajay
BTECH	CSE	Reshmi Ramesh
BTECH	CSE	Sayahna S Babu
BTECH	CSE	Shahana Bhanu ES
BTECH	CSE	Sona Sojan
BTECH	CSE	Suhaila Nazeer
BTECH	CSE	Vidhya KB
BTECH	CSE	Vinayak S
BTECH	CSE	Ebnu Hajeesh
BTECH	CSE	Krishnaprasad S
MTECH	CSE	Neha Maria Shaji
MTECH	CSE	Abhiram T K
		Anju Babu

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MTECH	CSE	Aashu Das T H
MTECH	CSE	Ashra K
MTECH	CSE	Bijy Bizz
MTECH	CSE	Chandrasekha J
MTECH	CSE	Elvin Peter
MTECH	CSE	Jaseela Jannala
MTECH	CSE	Jasra P J
MTECH	CSE	Kavya L
MTECH	CSE	Kochu Geesap
MTECH	CSE	Malayka Prasad
MTECH	CSE	Neenu Joseph
MTECH	CSE	Reenu Joseph
MTECH	CSE	Riya Babu
MTECH	CSE	Rohith Raju
MTECH	CSE	Ally Binoy
MTECH	CSE	Anila Abraham
MTECH	CSE	Arya Somaraj
MTECH	CSE	Bijoy C P
MTECH	CSE	Clifford P Y
MTECH	CSE	Jeena Mary Kurian
MTECH	CSE	Kavyamol James
MTECH	CSE	Keerthana Chandran
MTECH	CSE	Reenu Joseph
MTECH	CSE	Sanitha P S
MTECH	CSE	Sanitha Sajithkumar

  
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DQAC Notice

QMS F08A

Department of Mechanical Engineering

MANGALAM COLLEGE OF ENGINEERING

ME /2023-2024/EVEN/04-05-24

### NOTICE

#### UNIVERSITY PROJECT PRESENTATION & COMPREHENSIVE EXAM

We are pleased to inform you that the time for your final university project presentation and Comprehensive Viva Voce has been published. Your hard work and dedication throughout your academic journey have led you to this significant milestone, and we look forward to witnessing your exceptional project.

The details of your presentation are as follows:

Date: 13/05/2024, 14/05/2024, 15/05/2024

Time: 9:00AM to 4:00PM

Venue: Mechanical Conference Room

Please ensure that you arrive at least 15 minutes before your scheduled presentation time to allow for any necessary setup and technical arrangements. Each group will be allocated a specific time slot for their presentation, and it is essential that you adhere to the allocated time limit.

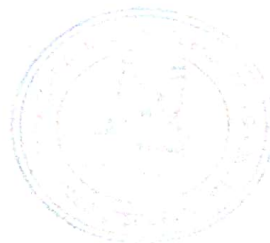
To guarantee a smooth and successful presentation, we kindly request you to prepare the following materials:


1. A comprehensive presentation of your project (e.g., PowerPoint slides, multimedia elements, demonstrations, A3 Size poster).
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3. Working Model of the project (if any)

During the presentation, you will have the opportunity to showcase your research, methodologies, results, and any other pertinent details related to your project. Additionally, a panel of evaluators will be present to assess your work and provide feedback.

Please note that your presentation will be open to the university faculty, fellow students. It is essential to present your work in a professional and engaging manner to effectively convey the significance of your project.

We wish you the best of luck for your final university project presentation. If you have any questions or concerns, please do not hesitate to reach out to the undersigned or your project advisor.



  
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DQAC Notice

QMS F08A

Department of Mechanical Engineering

MANGALAM COLLEGE OF ENGINEERING

Sl No	Roll No	REGISTER NUMBER	NAME	Group	Guide allocation	Schedule
1	12	MLM20ME021	ANIL JOSEPH	1	Mr.Rajeve K Mohan	13/05/24 09.15 AM - 10.00 AM
2	19	MLM20ME048	KS AGHNESHKRISHNA			
3	28	MLM20ME065	SHINE K SIAJI			
4	35	MLM20ME077	ANANDUS			
5	16	MLM20ME031	CHIRKUN PHILIP			
6	20	MLM20ME049	LIBIN THOMAS	2	Mr.Harikrishnan A R	13/05/24 10.00 AM - 10.45 AM
7	24	MLM20ME056	PRATYASH P PRAKASH			
8	25	MLM20ME057	PREETHI SATHIESH			
9	14	MLM20ME024	AROMAL MADHU			
10	31	MLM20ME071	VARSHA LAL	3	Mr.Dona Thomas	13/05/24 10.45 AM - 11.30 AM
11	34	MLM20ME076	ANANDU PA			
12	36	MLM20ME080	SJO-JOHN			
13	15	MLM20ME025	ASWANTH JAYAN	4	Dr.Manikandan H	14/05/24 01.00 PM - 01.45 PM
14	23	MLM20ME055	PRANAY PM			
15	26	MLM20ME060	RIBIN VARGHESE			
16	27	MLM20ME061	ROSHAN SIMON			
17	11	MLM20ME020	ANAND PRASAD	5	Dr.Rabi J	14/05/24 01.45 PM - 02.30 PM
18	13	MLM20ME022	ANUJITH S			
19	17	MLM20ME036	DENY MON DAVIDSON			
20	30	MLM20ME070	TOBIN JOSEPH	6	Mr.Premjith S	14/05/24 02.30 PM - 03.15 PM
21	4	MLM20ME010	AKHIL SURESH			
22	5	MLM20ME011	AKSHAY P B			
23	18	MLM20ME038	EMIN JOSEPH	7	Mr.Amal R	15/05/24 09.15 AM - 10.00 AM
25	1	MLM20ME001	ABHIMANYU POU			
26	22	MLM20ME051	MANJITH S			
27	29	MLM20ME068	SONY ANTONY			
28	33	MLM20ME074	YAKOB PUNY	8	Mr.Navish Kumar	15/05/24 10.00 AM - 10.45 AM
29	3	MLM20ME003	ABHIRAM R			
30	9	MLM20ME018	AMAL NAHIG			
31	10	MLM20ME019	ANANDHILIPAL	9	Mr.Nijo Jose	15/05/24 10.45 AM - 11.30 AM
32	21	MLM20ME050	MAHESH NAJIBANAN			
33	2	MLM20ME002	ABHIMANYU PAH			
34	7	MLM20ME014	ALBERT P J	10	MR. Jishnu.M	15/05/24 01.00 PM - 01.45 PM
35	32	MLM20ME072	VIMALA V J			
36	8	MLM20ME016	ALLWIN MATHX			
37	6	MLM20ME013	ALANLAL APPELHAM			
38	19	MLM20ME042	IRFAN NAJIB			
39	15	MLM20ME035	Dania V			

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ME /2023-2024/EVEN/04-05-24

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#### UNIVERSITY PROJECT PRESENTATION & COMPREHENSIVE EXAM

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The details of your presentation are as follows:

Date: 14/05/2024, 15/05/2024

Time: 9:00AM to 4:30PM

Venue: Mechanical Conference Room

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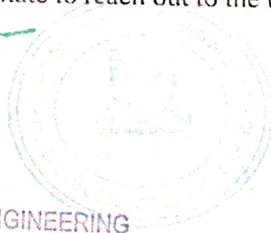
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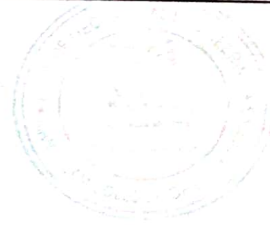
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Department of Mechanical Engineering

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SL. No.	RL. No.	Register No.	Name	Group. No.	Guide Allocation	Schedule
1	31	MLM20ME073	Vishal Sasidharan	1	Mr.Johan George Cheriyan	14/05/2024 9.15 AM To 10.00 AM
2	23	MLM20ME047	Karthik Jeevan			
3	22	MLM20ME046	Kannan Biju			
4	10	MLM20ME027	Aswin P B			
5	28	MLM20ME059	Rex Gemon	2	Dr.Manikandan H	14/05/2024 10.00 AM To 10.45 AM
6	33	LMLM20ME079	Hrishikesh J			
7	5	MLM20ME009	Akash T			
8	20	MLM20ME044	Jeswin James	3	Mr.Santhu Varghese Thomas	14/05/2024 11.00 AM To 11.45 AM
9	32	LMLM20ME075	Amal Dev H			
10	18	MLM20ME040	Gowrisankar A			
11	17	MLM20ME039	Gopikrishnan G			
12	30	MLM20ME069	T Muhammed Thanzeer	4	Mr.Harikrishnan A R	14/05/2024 11.45 AM To 12.30 PM
13	27	MLM20ME058	Rahul C Babu			
14	12	MLM20ME029	Blesson Sunny			
15	7	MLM20ME015	Albin K Shajan			
16	26	MLM20ME054	Noyal Binoy	5	Dr.Bibin K S	15/05/2024 12.00 PM To 12.45 PM
17	16	MLM20ME037	Devan Sarath			
18	13	MLM20ME032	Chinmay S			
19	25	MLM20ME053	Muhammed Rafi S			
20	11	MLM20ME028	Athul Raj T J	9	Mr.Jishnu M	15/05/2024 1.00 PM To 1.45 PM
21	8	MLM20ME016	Allwin V Alex			
22	6	MLM20ME013	Alanlal Abraham			
23	19	MLM20ME042	Irfan Nazceer			
24	15	MLM20ME035	Danin V.Sabu	6	Dr.Manuel George	15/05/2024 2.15 PM To 3.00 PM
25	21	MLM20ME045	Jomin Roy			
26	29	MLM20ME066	Sijin Varghese			
27	9	MLM20ME026	Aswin K S			
28	4	MLM20ME008	Ajay T S	7	Mr.Ajith kumar K T	15/05/2024 3.00 PM To 3.45 PM
29	1	MLM20ME005	Abhishek Vinod			
30	2	MLM20ME006	Abiram Anil			
31	3	MLM20ME007	Adhil Abzani			
32	14	MLM20ME034	Dain Rajesh	8	Mr.Akhil Ramesh	15/05/2024 3.45 PM To 4.30 PM
33	6	MLM20ME012	Akshay S			
34	8	MLM20ME017	Alphin Binu			
35	24	MLM20ME052	Muhamed Aslam			



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CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

केन्द्रीय पेट्रोकेमिकल अभियंताईनी एवँ प्रौद्योगिकी संस्था (सिपेट)  
(Formerly Central Institute of Petrochemical Engineering & Technology)  
(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE : GUINDY, CHENNAI - 600 032.

CENTRE: CIPET, PALAKKAD

Certificate No.: A 198560

CERTIFICATE / प्रमाणपत्र

*This is to certify that*

Shri / Smt. / Ms. .... A ARAVIND .....

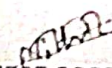
Slr / D/o / W/o ..... Shri. Anil Kumar K.C. ....


*has successfully completed the training programme titled*

**Fundamentals of Injection Moulding Technique**

*Organized at CIPET: Palakkad..... from ...18.03.2024..... 21.03.2024.....*

Date: 21.03.2024

  
COURSE COORDINATOR

  
TRAINING I/C - VTC

  
CENTRE HEAD

  
PRINCIPAL  
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CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

केन्द्रीय पेट्रोसायन अभियांत्रिकी एवं प्रौद्योगिकी संस्थान (सिपेट)

(Formerly Central Institute of Plastics Engineering & Technology)  
(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE : GUINDY, CHENNAI - 600 032.

CENTRE: CIPET:PALAKKAD

Certificate No.: A 188572

### CERTIFICATE / प्रमाणपत्र

*This is to certify that*

Shri / Smt. / Ms. .... **MUHAMMED SAHAL K J** .....

Slr / Dlr / W/o ..... *Shri. Jalaludeen K A* .....

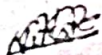
*has successfully completed the training programme titled*

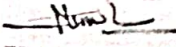
**Fundamentals of Injection Moulding Technique**

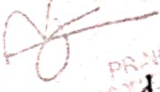
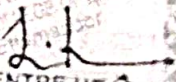
*Organized at CIPET:Palakkad..... from ... 18.03.2024..... to 21.03.2024.....*



Date 21.03.2024

  
COURSE COORDINATOR

  
TRAINING I/C - VTC

  
  
CENTRE HEAD

  
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CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

केन्द्रीय पेट्रोसायन अभियांत्रिकी एवं प्रौद्योगिकी संस्थान (सिपेट)  
(Formerly Central Institute of Plastics Engineering & Technology)  
(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: CIPET:PALAKKAD

Certificate No.: A 188567

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This is to certify that

Shri / Smt. / M/s. .... AADHIL ABBAS .....

Slr / Dlr / Wlr ..... Shri. Abbas.K.....


has successfully completed the training programme titled

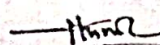
Fundamentals of Injection Moulding Technique

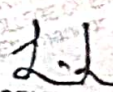
Organized at CIPET:Palakkad..... from ...18,03,2024..... to 21,03,2024.....



Date: 21.03.2024

  
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TRAINING I/C - VTC

  
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(Formerly Central Institute of Plastics Engineering & Technology)  
(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: CIPET:PALAKKAD

Certificate No.: A 188571

CERTIFICATE / प्रमाणपत्र

*This is to certify that*

*Shri / Smt. / Ms. ....* DEV KRISHNAN.P

*Slr / D/o / W/o .....* Shri. Pankajakshan M.K.

*has successfully completed the training programme titled*

**Fundamentals of Injection Moulding Technique**

*Organized at CIPET:Palakkad..... from ...18.03.2024..... 21.03.2024.....*



Date: 21.03.2024

*N.H.P.*  
COURSE COORDINATOR

*Hans*  
TRAINING I/C - VTC

*L.L.*  
CENTRE HEAD

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(Formerly Central Institute of Plastics Engineering & Technology)  
Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India

HEAD OFFICE : QUINDY, CHENNAI - 600 032.

CENTRE: CIPET:PALAKKAD

Certificate No.: A 188588

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This is to certify that

Shri / Smt. / Ms. .... ABHINAV S.K. ....

Slr / Dlr / Wlr ..... Shri. Sujith K. ....

has successfully completed the training programme titled

Fundamentals of Injection Moulding Technique

Organized at CIPET:Palakkad ..... from ... 18.03.2024 ..... to 21.03.2024 .....



Date 21.03.2024

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(Formerly Central Institute of Plastics Engineering & Technology)  
(Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India)

HEAD OFFICE : GUINDY, CHENNAI - 600 032.



CENTRE: CIPET:PALAKKAD

Certificate No.: A 188570

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*This is to certify that*

*Shri / Smt. / Ms. .... ARUN V. J. ....*

*S/o / D/o / W/o ..... Shri. T. Vijayakumar .....  
has successfully completed the training programme titled*

**Fundamentals of Injection Moulding Technique**

*Organized at CIPET:Palakkad ..... from ... 18.03.2024 .... to 21.03.2024 .....*



Date: 21.03.2024

  
COURSE COORDINATOR

  
TRAINING I/C - VTC

  
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Mangalam Hills, Vettimungal P.O, Kottayam 686631, Kerala.

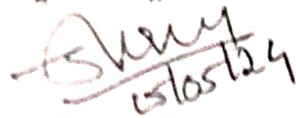
Tel : +91-4812533722, +91-4812537053.

E-mail : [info@mangalam.in](mailto:info@mangalam.in), Website : [www.mangalam.ac.in](http://www.mangalam.ac.in)

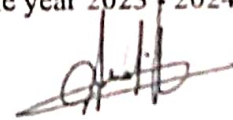


## Certificate

This is to certify that this project report entitled "FABRICATION AND TESTING OF ALUMINIUM BASED METAL MATRIX COMPOSITE REINFORCED WITH HYBRID FILLERS" is a bonafide record of the phase I of project presented by ALANLAL ABRAHAM (MLM20ME013), ALLWIN V ALEX (MLM20ME016), DANIN V SABU (MLM20ME035), IRFAN NAZEER (MLM20ME042), 2020 - 2024 B batch towards the partial fulfillment of the requirements for the award of **B. Tech. Degree in Mechanical Engineering** of APJ Abdul Kalam Technological University during the year 2023 + 2024.

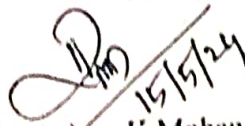
  
15/05/24

Mr. Jishnu M  
Assistant Professor  
(Project Guide)



Mr. Amal R  
Assistant Professor  
(coordinator)



  
15/5/24

Mr. Rajeev K Mohan  
Head of the department



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E-mail : info@mangalam.in, Website : www.mangalam.ac.in



*Certificate*

This is to certify that this project report entitled "DESIGN AND CONSTRUCTION OF SEMI AUTOMATED EGG INCUBATOR WITH DECAY DETECTOR" is a bonafide record of the phase II project presented by ANAND PRASAD (MLM20ME020), ANUJITH S (MLM20ME022), DENIMON DAVIDSON (MLM20ME036), TOBIN JOSEPH (MLM20ME070), 2020 - 2024 A batch towards the partial fulfilment of the requirements for the award of B. Tech. Degree in Mechanical Engineering of APJ Abdul Kalam Technological University during the year 2023 - 2024.

Asst. Prof. Amal R

(Project Guide)

Asso. Prof. Dr. Rabi Johnson

(Coordinator)

12/15/24

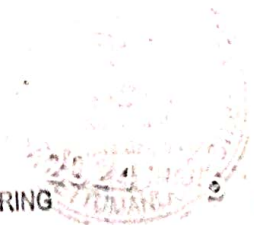
Mr. Rajeev K Mohan

Head of the Department

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E-mail: [info@mangalam.in](mailto:info@mangalam.in), Website: [www.mangalam.ac.in](http://www.mangalam.ac.in).



### Certificate

This is to certify that this project report entitled “AUTOMATIC BELT TRANSFER SYSTEM IN GRAIN PROCESSING MACHINE” is a bona fide record of the phase II of project presented by AKSHAI PB (MLM20ME011) AKHIL SURESH (MLM20ME010), EMIN JOSEPH (MLM20ME038), 2020 - 2024 A batch towards the partial fulfilment of the requirements for the award of B. Tech. Degree in Mechanical Engineering of APJ Abdul Kalam Technological University during the year 2023 - 2024.

Asst. Prof. Premjith S  
(Project Guide)

Assoc. Prof. Rajeeve K Mohan  
Head of the Department

Asst. Prof. Amal R  
(Coordinator)

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E-mail : info@mangalam.in, Website : www.mangalam.ac.in



**Certificate**

This is to certify that this Project report entitled “FABRICATION AND TESTING OF COMPOSITE MATERIAL USING NBR, EXPANDED POLYSTYRENE, FABRIC WASTE AND HUSK FIBER FOR AUTOMOBILE OIL SEALS APPLICATIONS” is a bonafide record of the report presented by “ANANDU P A (LMLM20ME076) SIJO JOHN (LMLM20ME080) AROMAL MADHU (MLM20ME024) VARSHA LAL (MLM20ME071)”, 2020 - 2024 batch towards the partial fulfillment of the requirements for the award of **B. Tech. Degree in Mechanical Engineering** of APJ Abdul Kalam Technological University during the year 2023 -2024.

Asst. Prof. Amal R  
(Coordinator)

Asst. Prof. Dona Thomas  
(Project Guide)

Associate Prof. RAJEEVE K MOHAN  
(Head of Department)

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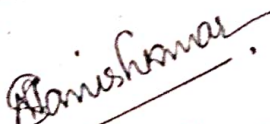
Tel: +91-4812533722, +91-4812537053.

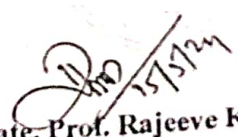
E-mail: [info@mangalam.in](mailto:info@mangalam.in), Website : [www.mangalam.ac.in](http://www.mangalam.ac.in).




Certificate

This is to certify that this project report entitled "DESIGN AND DEVELOPMENT OF AN AUTOMATIC MEDICAL WASTE PACKING BIN SYSTEM" is a bonafide record of the project presented by MAHESH NARAYANAN (MLM20ME050), ABHIRAMI R (MLM20ME003), AMALNATH G (MLM20ME018), ANANDHU GOPAL (MLM20ME019), 2020 - 2024 A batch towards the partial fulfilment of the requirements for the award of B. Tech. Degree in Mechanical Engineering of APJ Abdul Kalam Technological University during the year 2023 - 2024.

  
Asst. Prof. Navish Kumar  
(Project Guide)

  
Associate Prof. Rajeev K Mohan  
Head of the Department

  
Asst. Prof. Amal R  
(Coordinator)

  
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Tel : +91-4812533722, +91-4812537053.  
E-mail : info@mangalam.in, Website : www.mangalam.ac.in




## Certificate

This is to certify that this project report entitled "STUDY OF SERVICE QUALITY IN TELECOM SECTOR USING SERVQUAL METHOD" is a bonafide record of the phase II of project presented by **JOHNY JOSEPH (MLM22MEIM04)**, 2022 - 2024 towards the partial fulfillment of the requirements for the award of **M.Tech Degree in Industrial Engineering and Management** of APJ Abdul Kalam Technological University during the year 2023 - 2024.


  
Mr. Santhu Varghese Thomas  
Assistant Professor  
(Project guide)

  
Dr. Manikandan H  
Professor  
(Project Coordinator)

  
Mr. Santhu Varghese Thomas  
Assistant Professor  
(PG Coordinator)

  
Mr. Rajeeve K Mohan  
Associate Professor  
(Head of Department)

  
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E-mail : info@mangalam.in, Website : www.mangalam.ac.in



## Certificate

This is to certify that this project report entitled "Optimisation Of Supply Chain Management Cost Reduction And Delivery Time Improvement" is a bonafide record of the phase II of project presented by VISHNU SUDHEESH (MLM22MEIM17), 2022 - 2024 towards the partial fulfillment of the requirements for the award of M.Tech Degree in Industrial Engineering and Management of APJ Abdul Kalam Technological University during the year 2023 - 2024.

**Mr. Johan George Cherian**  
Assistant Professor  
(Project guide)

**Dr. Manikandan H**  
Professor  
(Project Coordinator)

**Mr. Santhu Varghese Thomas**  
Assistant Professor  
(PG Coordinator)

**Mr. Rajeev K Mohan**  
Associate Professor  
(Head of Department)

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Tel : +91-4812533722, +91-4812537053.  
E-mail : info@mangalam.in, Website : www.mangalam.ac.in



### Certificate

This is to certify that this project report entitled **"IMPLEMENTATION OF MAINTANANCE QUALITY FUNCTION DEPLOYMENT IN KULFI ICE CREAM MAKING INDUSTRY** is a bonafide record of the phase II of project presented by **AKARSH R, MLM22MEIM02 2022 - 2024** towards the partial fulfillment of the requirements for the award of **M.Tech Degree in Industrial Engineering and Management of APJ Abdul Kalam Technological University during the year 2023-2024**

**Dr. Rabi Johnson**  
Associate Professor  
(Project guide)

**Dr. Manikandan H**  
Professor  
(Project Coordinator)

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**Mr. Santhu Varghese Thomas**  
Assistant Professor  
(PG Coordinator)



**Mr. Rajeev K Mohan**  
Associate Professor  
(Head of Department)

2023-11-16-12-22





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E-mail : info@mangalam.in, Website : www.mangalam.ac.in



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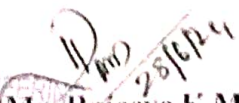
This is to certify that this project report entitled “Impact of Cognitive Load on the Prevalence of Musculoskeletal Disorders Among Bus Drivers” is a Bonafede record of the phase II of project presented by VISHNU C R (MLM22MEIM15), 2022 - 2024 towards the partial fulfillment of the requirements for the award of M.Tech Degree in Industrial Engineering and Management of APJ Abdul Kalam Technological University during the year 2023 - 2024.


  
Mr. Hariharishnan A R  
Assistant Professor  
(Project guide)

  
Dr. Manikandan H  
Professor  
(Project Coordinator)

  
Mr. Santhu Varghese Thomas  
Assistant Professor  
(PG Coordinator)

  
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Mr. Rajeeve K Mohan  
Associate Professor  
(Head of Department)

  
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MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

2024 JUL 12 21



## MINI PROJECT REPORT

On

**SIGN LANGUAGE RECOGNITION USING PYTHON**

*Submitted in partial fulfilment for the award of degree Of*

*Master of Technology*

In

*Computer Science & Engineering*

By

**JOSMI P J (MLM23CSCE10)**

*Under the Guidance of*

**Ms. ANJUMOL ZACHARIAH**

*(Assistant Professor, Dept. of Computer Science and Engineering)*



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
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MAY 2024



*22.11.23*



## MINI PROJECT REPORT

On

### CONVERSATIONAL AI CHATBOT

*Submitted in partial fulfilment for the award of degree*

*Of*

*Bachelor of Technology*

*In*

*Computer Science & Engineering*

*By*

**SHEFNA HAJEEB (MLM21CS100)**

**SREEDEV N P (MLM21CS108)**

**SREELAKSHMI S (MLM21CS110)**

**VEENA VENUGOPAL (MLM21CS117)**

Under the Guidance of

**Ms. SANDRA RAJU**

*(Assistant Professor, Dept. of Computer Science and Engineering)*



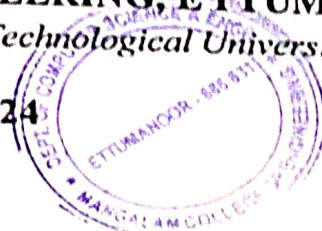
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR**

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MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

**MAY 2024**



*Sandra Raju*  
22.11.23



## MINI PROJECT REPORT

On

**AUTOMATED EXAM HALL SEATING ALLOCATION SYSTEM**

*Submitted in partial fulfilment for the award of degree Of*

*Bachelor of Technology*

In

*Computer Science & Engineering*

By

**MUHAMMED FIYAS (MLM21CS076)**

**NADHA FATHIMA (MLM21CS077)**

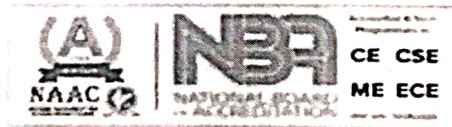
**NAVNEETH KRISHNAN S (MLM21CS078)**

**RENSON K ROJI (MLM21CS090)**

Under the Guidance of

**DR. S P PREDEEP KUMAR**

(Professor, Dept. of Computer Science and Engineering)



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*(Affiliated to APJ Abdul Kalam Technological University)*

**MAY 2024**

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Ettumanoor

*Submy*  
*3.2.11.24*





## MINIPROJECT REPORT

On

**SAFEHAVEN: EMPOWERING WOMEN THROUGH DIGITAL  
SAFETY**

*Submitted in partial fulfilment for the award of degree*

*of*

*Bachelor of Technology*

*In*

*Computer Science & Engineering*

*By*

**KESIYA VARGHESE (MLM21CS066)**

**KRISHNAPRIYA A M (MLM21CS067)**

**RESHMA JOSE (MLM21CS091)**

**NIRANJANA SURESH (MLM21CS083)**

Under the Guidance of

**Prof. Dr. S Padmalal**

*(Professor, Dept. of Computer Science and Engineering)*



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**MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR**

*(Affiliated to APJ Abdul Kalam Technological University)*

**MAY 2024**

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Ettumanoor

*Submy* 22-11-24





विश्वे शास्त्रे प्रतिष्ठितम्।  
**PROJECT REPORT**

*On*

**PREDICTION OF MENTAL DEPRESSIVE DISORDER USING  
DEEP LEARNING**

*Submitted in partial fulfilment for the award of degree*

*Of*

*Bachelor of Technology*

*In*

*Computer Science & Engineering*

*By*

**ABHIJITH SUBASH (MLM20CS005)**

**AKHILA KG(MLM20CS012)**

**AKSHAY KS(MLM20CS015)**

**ALZA K. TOBY(MLM20CS023)**

Under the Guidance of

**Ms. RENJU RENJITH**


(Assistant Professor, Dept. of Computer Science and Engineering)




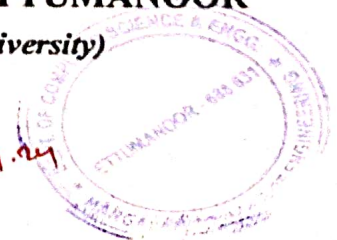
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MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR**

*(Affiliated to APJ Abdul Kalam Technological University)*

**MAY 2024**

  
PRINCIPAL  
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Ettumanoor

 22.11.24





DISSERTATION REPORT

On

A Deep Learning Approach to Masked Face  
Recognition for Enhanced Attendance Systems:

A Dissertation Report

*Submitted in partial fulfillment for the award of degree of*

*Master of Technology*

*In*

*Computer Science and Engineering*

*By*

**Jeena Mary Kurian(MLM22CSCE07)**

**Under the guidance of**

**Dr. Sabu George**

(Associate Professor, Department of Computer Science & Engineering)



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR**

**JUNE 2024**

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Ettumanoor

*Sabu*  
*22.11.24*



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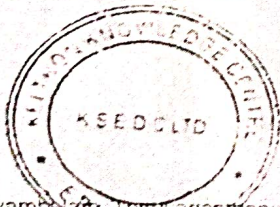
15.03.2024

**CERTIFICATE**

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. MELBIN SCARIA THOMAS
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration/Roll No.	MLM23CS092
Semester / Year of Study	2 <sup>nd</sup> Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 <sup>rd</sup> Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032005
Roll No./Register No.	K23421110913
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Authorized Signatory  
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ITBG - Knowledge Services Group

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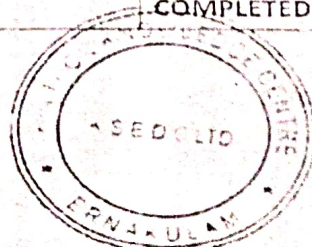
15.03.2024

### CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. POOJA AJAY
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration/Roll No.	MLM23CS102
Semester / Year of Study	2 <sup>nd</sup> Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 <sup>rd</sup> Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032013
Roll No./Register No.	K23421110914
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

*Barish*  
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*[Signature]* 22.11.24



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15.03.2024

### CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. VIDHYA K B
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration/Roll No.	MLM23CS120
Semester / Year of Study	2 <sup>nd</sup> Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 <sup>rd</sup> Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032017
Roll No./Register No.	K23421110915
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

*Devika*  
Authorized Signatory  
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*Devika*  
22.11.23

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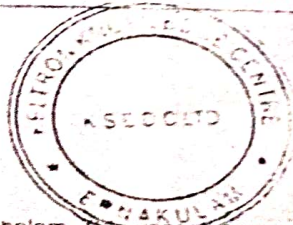
19.03.2024

**CERTIFICATE**

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. HIBA FATHIMA SHAJAHAN
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration/Roll No.	MLM23CS067
Semester / Year of Study	2 <sup>nd</sup> Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 <sup>rd</sup> Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032015
Roll No./Register No.	K23421110916
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

Authorized Signatory  
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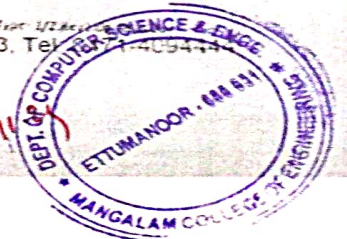


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15.03.2024

### CERTIFICATE

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. SHAHANA BANU E S
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Campus, Mangalam Hills, Vettimukkal P O, Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Computer Science & Engineering
Student's Registration/Roll No.	MLM23CS109
Semester / Year of Study	2 <sup>nd</sup> Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 <sup>rd</sup> Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI032008
Roll No./Register No.	K23421110918
Program Category	INTERNSHIP
Period & Duration of the Program	19.02.2024 to 25.02.2024 (1 Week)
Area of Exposure	Machine Learning and Artificial Intelligence: Python Fundamentals, Introduction to Machine Learning, EDA & Visualization Programming, Supervised Learning and Unsupervised Learning, Introduction to AI, Types of AI.
Status	COMPLETED SUCCESSFULLY

*Divi*  
Authorized Signatory  
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22.11.24



## Department of Computer Applications

### Internship Alert

on

3 Weeks  
Program

### Full Stack Development

at

### FACEIN TECHNOLOGIES

From

16-09-2024 to 09-03-2024

Interested candidate send their interest to  
[divya.sb@mangalam.in](mailto:divya.sb@mangalam.in)

#### Vision

Become a center of excellence in computer applications, competent in the ecosystem with technical knowledge, innovation with a sense of commitment

#### Mission

- To serve with state of the art education, foster advanced research and cultivate innovation in the field of computer applications.
- To prepare learners with knowledge, skills and critical thinking to excel in the technological landscape and contribute positively to society.



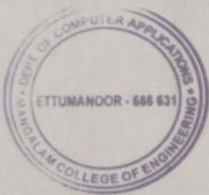
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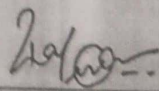
## CERTIFICATE OF INTERNSHIP

This is to certify that ROJIN ROY from Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



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AUTHORISED SIGNATORY



CERTIFICATE OF INTERNSHIP

This is to certify that ABHIRAM AK from Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



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Ettumanoor

A handwritten signature in black ink, appearing to read 'Abhiram'.

AUTHORISED SIGNATORY



## CERTIFICATE OF INTERNSHIP

This is to certify that DEVANARAYANAN M from Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



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PR. VEDHA  
MANGALAM COLLEGE OF ENGINEERING  
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## CERTIFICATE OF INTERNSHIP

This is to certify that PARVATHY B LAL from Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



A handwritten signature in green ink, appearing to be 'AJ'.

A handwritten signature in black ink, appearing to be 'Rajasekar'.

AUTHORISED SIGNATORY

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## CERTIFICATE OF INTERNSHIP

This is to certify that SAINAMOL ZAKKER from Mangalam College of Engineering, has successfully completed the internship program in Full Stack Development Using Python from 16/02/2024 to 09/03/2024.

During the internship program, he/she demonstrated exemplary dedication, enthusiasm and professionalism



A handwritten signature in blue ink, appearing to be 'Sainamol Zakker'.

AUTHORISED SIGNATORY

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**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

**B.TECH PROJECT DETAILS - 2023-24 ( AY)**

SI NO.	NAME OF THE STUDENT	TOPIC	GUIDE NAME
1	VIHNU AS	Dynamic wireless charging for EV	Ms. Jolly george
	JEFIN P JOSE		
	ABIN MATHEW		
	LINTO MATHEW P JOHN		
2	ALSHIN ANSARI	Solar based grass cutter robot	Ms. Shoma Mani
	MIDHUN S BABU		
	ARATHI SIBI		
	JUBY JOSEPH		
3	AKASH VARMA	Enhancement of thermoelectric power generation using residential and waste heat	Dr. Honey Baby
	ABHIJITH HENROY		
	GIBU K THOMAS		
	SUBIN M JOHN		
	SEBASTIN K CHACKO		
4	ASWIN KUMAR K S	Smart Irrigation System	Ms. Jeepa KJ
	ASHIK KR		
	ANANDU PRAVEEN		
	MANAF NIZAR		
5	JUSTIN PETER	Third Eye For Blind People	Dr. Reshma Gopi R
	ANADESHWER ER		
	MOHAMMAD SHA		
	ALISHYA PHILIP		

  
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING 2020-2024

**CERTIFICATE**

This is to certify that the report entitled "ARTIFICIAL INTELLIGENCE IN THE FIELD OF ELECTRICAL ENGINEERING ", Submitted by ALISHYA PHILIP (MLM20EE004), to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology (B Tech) in ELECTRICAL AND ELECTRONICS ENGINEERING of Mangalam College of Engineering, Ettumanoor Kottayam for the academic year 2020-2024.

Name of the Guide: Mrs. Shoma Mani

Assistant Professor

EEE Department

Signature

Date :

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Ettumanoor

Head of the Department

Dr. Honey Baby

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ENGINEERING**

**2020-2024**

**CERTIFICATE**

This is to certify that the report entitled **"HAPTIC TECHNOLOGY"** Submitted by **VISHNU A S(MLM20EE027)**, to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology (B Tech) in **ELECTRICAL AND ELECTRONICS ENGINEERING** of Mangalam College of Engineering, Ettumanoor Kottayam for the academic year 2022-2023.


  
Dr.Honey Baby  
Seminar Guide

Asst.prof.Ms.Jeepa K J  
Seminar Coordinator

Dr.Honey Baby  
Head of the Department

  
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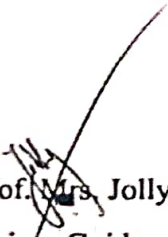


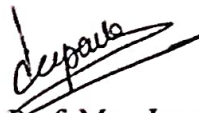
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ENGINEERING


2020-2024

CERTIFICATE


*This is to certify that the report entitled "POWER LINE NETWORKING" Submitted by ALSHIN ANSARI (MLM20EE005) to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology (B-Tech) in ELECTRICAL AND ELECTRONICS ENGINEERING of Mangalam College of Engineering, Ettumanoor Kottayam for the academic year of 2020-2024.*

  
Asst. Prof. Mrs. Jolly George  
Seminar Guide

  
Asst. Prof. Mrs. Jeepa KJ  
Seminar Coordinator

  
Dr. Honey Baby  
Head of department

  
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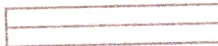
  
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**B.TECH SEMINAR DETAILS - 2023-24 ( AY)**

SI NO.	NAME OF THE STUDENT	TOPIC	GUIDE NAME
1	YITHUN AR	Haptic technology	Dr Honey Baby
2	JEFIN P JOSE	wireless charging for EV	Dr Reshma Gopi R
3	AMIN MATHEW	Axial flux motor for EV	Ms Shoma Mani
4	LINTO MATHEW P JOHN	Development in ESS for electric transportation	Ms Alswarya Chandran
5	ALSHIN ANSARI	power line networking	Ms Jolly George
6	SHIBUN K BABU	modelling of HEV charger & study the simulation results	Dr Honey Baby
7	KRATHI SRI	bodynet for betterment of human health	Ms Jolly George
8	JUBY JOSEPH	evaluation of hybrid ocean thermal energy conversion systems	Ms Alswarya Chandran
9	AKASH VARMA	thermo electric power generation	Ms Shoma Mani
10	ABHILITH N SHENOY	wave energy converters	Ms Shoma Mani
11	GIBU K THOMAS	smart electricity meter	Dr Reshma Gopi R
12	SUBIN M JOHN	vertical axis WEG	Dr Honey Baby
13	SEBASTIN K CHACKO	ransmission line fault detection by arduino	Dr Honey Baby
14	ASWIN KUMAR K S	offshore wind turbine technology	Dr Reshma Gopi R
15	ASHIK KR	concentrated solar power	Dr Reshma Gopi R
16	ANANDU PRAVEEN	wifi technology based automatic vehicle speed controller	Ms Jolly George
17	MANAF NIZAR	green batteries	Ms Alswarya Chandran
18	JUSTIN PETER	flywheel ESS	Ms Alswarya Chandran
19	ANADESHWER ER	POWER THEFT DETECTION	Ms Jolly George
20	MOHAMMAD SHIA	Third eye for blind	Dr Honey Baby
21	ALISHYA PHILIP	AI in the field of electrical	Ms Shoma Mani



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This is to certify that the report entitled "OFFSHORE WIND TURBINES" Submitted by ASWIN KUMAR K S (MLM20EE011), to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology (B Tech) in ELECTRICAL AND ELECTRONICS ENGINEERING of Mangalam College of Engineering, Ettumanoor Kottayam for the academic year 2023-2024.

Name of the Guide: Dr. RESHMA GOPI R

Head Of Department:


Dr. HONEY BABY

Signature :  
Date :

  
28/11/23

Office seal :

  
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ENGINEERING

2020-2024

BONAFIDE CERTIFICATE

Certified that this Thesis titled "THERMOELECTRIC POWER GENERATION" is the bonafide work of AKASH VARMA (MLM20EE003) who researched under my supervision. Certified further, that to the best of my knowledge the work reported herein does not form part of any other seminar/project based on which a degree or award was conferred on an earlier occasion on this or any other scholar.

Mrs. Shoma Mani

Seminar Guide

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Head of Department

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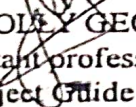


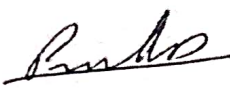
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2020-2024

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*This is to certify that the report entitled "DYNAMIC WIRELESS CHARGING FOR EV" Submitted by ABIN MATHEW , VISHNU A S, JEFIN P JOSE, LINTO MATHEW P JOHN to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology (B Tech) in ELECTRICAL AND ELECTRONICS ENGINEERING of Mangalam College of Engineering, Ettumanoor, Kottayam for the academic year 2023-2024.*

  
Mrs. JOLEY GEORGE  
(Assistant professor)  
Project Guide

  
Mrs. PREETHI SEBASTIAN  
(Associate Professor)  
Project Coordinator

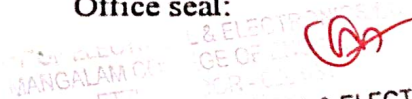
  
Dr. HONEYBABY  
Head of Department

External Examiner



  
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This is to certify that the project entitled "IoT BASED SOLAR SMART IRRIGATION WITH WEATHER MONITORING" Submitted by ANANDHU PRAVEEN (MLM20EE008), ASWIN KUMAR KS (MLM20EE011), MANAF NIZAR (MLM20EE019), ASHIK K R (MLM20EE010), to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology (B Tech) in ELECTRICAL AND ELECTRONICS ENGINEERING of Mangalam College of Engineering, Ettumanoor Kottayam for the academic year 2023-2024.

Name of the Guide: Ms Jeepa K J

Assistant Professor  
EEE Department

Signature:

Date:

*Ms. Preethi Sebastian*  
(Associate Professor)  
Project coordinator.

Head of the Department

Dr Hon. Baby

Office Seal

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External Examiner



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 Phone: 0481 2319331  
 Reg. Office  
 Mathuvalla, Kottayam P.O.  
 Kottayam - 686011  
 Ph: 0481 2319331

Date 16.08.2024

**Internship Completion Certificate**

This is to certify that Ms. Nivya P S [MLM23EPP09], a second-year M. Tech student of Power Electronics and Power Systems (PEPS) at Mangalam College of Engineering, Ettumanoor has successfully completed an eight-week internship at Sustenergy Foundation, Kottayam office from 05-06-2024 to 31.07.2024.

For Sustenergy Foundation,

**Smitha Jayakumar**  
 Head – Finance & Administration



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Ph: 0481 230 6030  
Reg. Office  
Muthiyala Kuttamanoor P.O.  
Kottayam - 686 001  
Ph: 0481 230 6030

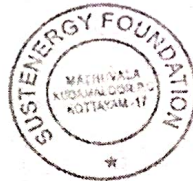
Date 16.08.2024

### Internship Completion Certificate

This is to certify that Ms. Sangeetha T.S [MLM23EEPP10], a second-year M. Tech student of Power Electronics and Power Systems (PEPS) at Mangalam College of Engineering, Ettumanoor has successfully completed an eight-week internship at Sustenergy Foundation, Kottayam office from 05-06-2024 to 31.07.2024.

For Sustenergy Foundation,

**Smitha Jayakumar**  
Head – Finance & Administration



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Sustenergy Foundation  
 1, Kottayam Road, Kottayam, Kerala  
 PIN - 686 001  
 Phone: 0471 2511111  
 Email: info@sustenergy.org

Date 18.08.2024

### Internship Completion Certificate

This is to certify that Mr. Nivedh Johnson [MLM23EEPP08], a second-year M. Tech student of Power Electronics and Power Systems (PEPS) at Mangalam College of Engineering, Ettumanoor has successfully completed an eight-week internship at Sustenergy Foundation, Kottayam office from 05-06-2024 to 31.07.2024.

For Sustenergy Foundation,

**Smitha Jayakumar**  
 Head – Finance & Administration



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Chikkavakkal Kottayam - 01 Kerala  
Pin 686001 Ph 0440173000  
Res. Office  
Muttuvala Kudamaloor PO  
Kottayam Pin 686017  
Ph 0441 2003000

Date 16.08.2024

### Internship Completion Certificate

This is to certify that Mr. Manu M Venu[MLM23EEPP07], a second-year M. Tech student of Power Electronics and Power Systems (PEPS) at Mangalam College of Engineering, Ettumanoor has successfully completed an eight-week internship at Sustenergy Foundation, Kottayam office from 05-06-2024 to 31.07.2024.

For Sustenergy Foundation,

**Smitha Jayakumar**  
Head – Finance & Administration



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Sustenergy Foundation  
Office: 12/10, Kottayam Road, Ettumanoor  
Kottayam - 686 011  
Phone: 0471-2511111  
Fax: 0471-2511112  
E-mail: info@sustenergy.org

Date 16.08.2024

## Internship Completion Certificate

This is to certify that Ms. Anjali S. Kumar [MLM23EEPP04], a second-year M. Tech student of Power Electronics and Power Systems (PEPS) at Mangalam College of Engineering, Ettumanoor has successfully completed an eight-week internship at Sustenergy Foundation, Kottayam office from 05-06-2024 to 31.07.2024.

For Sustenergy Foundation,

**Smitha Jayakumar**  
Head – Finance & Administration

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Postcode: 686007, India  
Reg. Office  
Mangalam Kottayam P.O.  
Kottayam - 686007  
Phone: 0471 254631

Date 16.08.2024

## Internship Completion Certificate

This is to certify that Ms. Aparna Pradeep [MLM23EEPP05], a second-year M. Tech student of Power Electronics and Power Systems (PEPS) at Mangalam College of Engineering, Ettumanoor has successfully completed an eight-week internship at Sustenergy Foundation, Kottayam office from 05-06-2024 to 31.07.2024.

For Sustenergy Foundation,

**Smitha Jayakumar**  
Head – Finance & Administration

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This is to certify that Anjana Santhosh completed a 15-day additional internship as part of the Electric Vehicle Foundation Course offered by ReynLab, a STEM accredited institute, through Techmaghi and gained knowledge and experience in areas like basic electrical theories, ICs & Advance circuits, Control Systems, and Electric Vehicle Fundamentals.

Also participated in the onsite training at Reynlab, Chennai, which included EMS Calibration for Electric Vehicle, Battery Pack Building Exercise, Battery Characterisation, Motor Characterisation, BMS and Protection Circuit demonstration, and EV dismantling.

  
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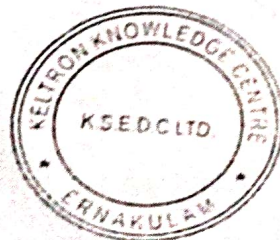
20.07.2023


### CERTIFICATE


Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Mr. GAUTHAM KRISHNA K S
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Vettimukkal (P.O), Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	B. Tech in Electrical and Electronics Engineering
Student's Registration No.	MLM21EE011
Semester / Year of Study	4 <sup>th</sup> Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 <sup>rd</sup> Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI028201
Roll No./Register No.	K23421110622
Program Category	INTERNSHIP
Period & Duration of the Program	29.05.2023 to 04.06.2023 (1 Week)
Area of Exposure	Embedded System Concepts, Introduction to Python Programming
Status	COMPLETED SUCCESSFULLY

  
Authorized Signatory  
(Knowledge Services)



  
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20.07.23

**CERTIFICATE**

Certified that the Student has completed the Internship Program conducted at KELTRON the particulars given below:

Name of the Student	Mr. JACOB THOMAS
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Vettimukkal (P) Ettumanoor, Kottayam, Kerala - 686631
University/Board, which the Institution is Affiliated to	A P J Abdul Kalam Technological University (KTU), K
Branch/Discipline of Study	B. Tech in Electrical and Electronics Engine
Student's Registration No.	LMLM21EE026
Semester / Year of Study	4 <sup>th</sup> Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Knowledge Centre (42), 3 <sup>rd</sup> Floor, MES Cultural Complex, Near Reserve Bank of India, Kaloor, Ernakulam - 682017, Kerala
Online Portal Registration No.	KI028200
Roll No./Register No.	K23421110626
Program Category	INTERNSHIP
Period & Duration of the Program	29.05.2023 to 04.06.2023 (1 Week)
Area of Exposure	Embedded System Concepts, Introduction to C Programming
Status	COMPLETED SUCCESSFULLY

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This is to certify that..... **Aiswarya A K**.....completed a 15-day additional internship as part of the Electric Vehicle Foundation Course offered by ReynLab, a STEM accredited institute, through Techmaghi and gained knowledge and experience in areas like basic electrical theories, ICs & Advance circuits, Control Systems, and Electric Vehicle Fundamentals.


Also participated in the onsite training at Reynlab, Chennai, which included EMS Calibration for Electric Vehicle, Battery Pack Building Exercise, Battery Characterisation, Motor Characterisation, BMS and Protection Circuit demonstration, and EV dismantling.



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Founder & CEO  
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Reg no:26045



# CERTIFICATE OF INTERNSHIP

This certificate is presented to

## ASWIN AJI

student of Mangalam College Of Engineering from Electrical And Electronics Engineering Department has completed **ADRUINO USING EMBEDDED SYSTEM** Internship in our company as an intern from 16/08/24 to 22/08/24

During their internship in Aduino Using Embedded System with us, they actively contributed to various projects and initiatives. They exhibited a high level of professionalism, adaptability, and an ability to work effectively both independently and as a part of a team. We wish them continued success in all their future endeavors.



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RAJASEKHARAN A H  
FOUNDER & CEO  
SRAI SMART SOLUTIONS PVT LTD



Reg no:26015



# CERTIFICATE OF INTERNSHIP

This certificate is presented to

## **NEERAJA NAIR**

*student of Mangalam College Of Engineering from Electrical & Electronics Engineering Department has completed AI & ROBOTICS Internship in our company as an intern from 16/08/24 to 22/08/24*

During their internship in AI & Robotics with us, they actively contributed to various projects and initiatives. They exhibited a high level of professionalism, adaptability, and an ability to work effectively both independently and as a part of a team. We wish them continued success in all their future endeavors.



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RAJASEKHARAN A H  
FOUNDER & CEO  
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**K.K. ANILKUMAR**  
Engineering Contractor

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Near HOC, Ambalamugal, Kochi - 682 302  
Tel: 0484 2720862 (O), Mob: 98470 46499  
E-mail: anilkammala1@yahoo.co.in

Ref: KKA-2024-07-255

Date: 30.07.2024

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that Miss. Aadhiya Majeed (MLM23EEPP01), M.Tech Student of Mangalam College of Engineering, Kottayam, Kerala - 686631 has completed her internship in Electrical maintenance department of CPP, SRU, CDU and VDU units of Bharat Petroleum Corporation Limited Kochi Refinery, Ambalamugal, Kochi from 03rd June 2024 to 26th July 2024.

During her training with us, she has actively participated in the data analysis and critical overhauling of 22MW Turbo Generator. She was found sincere and hard working during her tenure in our company. We wish her all the success in her future.

Yours truly,



**K.K. ANILKUMAR**

**K.K. ANILKUMAR**  
2B/XIII Shalema Building, Ettikkara Road  
Near HOC,  
Ambalamugal, Kochi - 682 302

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Reg no:24047



# CERTIFICATE OF PARTICIPATION

This certificate is presented to

## AKHIL ABRAHAM KURAIN

*student of Mangalam College Of Engineering for their active participation in AI & Robotics Quiz competition conducted on 21/09/24*



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**RAJASEKHARAN A H**  
FOUNDER & CEO  
SRAI SMART SOLUTIONS PVT LTD





This is to certify that.....**Abhinav P B**.....completed a 15-day additional internship as part of the Electric Vehicle Foundation Course offered by ReynLab, a STEM accredited institute, through Techmaghi and gained knowledge and experience in areas like basic electrical theories, ICs & Advance circuits, Control Systems, and Electric Vehicle Fundamentals.

Also participated in the onsite training at Reynlab, Chennai, which included EMS Calibration for Electric Vehicle, Battery Pack Building Exercise, Battery Characterisation, Motor Characterisation, BMS and Protection Circuit demonstration, and EV dismantling.

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**LOW POWER HIGH SPEED APPROXIMATE  
MULTIPLIER DESIGN USING LUT BASED 4:2  
COMPRESSOR**

**DISSERTATION-PHASE 2 REPORT**

Submitted by

**SHARI V R**

**MLM22ECVE03**

To

**THE APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**

in partial fulfillment of the requirements for the award of the Degree

Of

**Master of Technology**

**In**

*VLSI and Embedded Systems*



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**IMPLEMENTATION OF OPTIMIZED LOW PASS FILTER FOR  
ENHANCING ECG FEATURE EXTRACTION**

**DISSERTATION -PHASE II**

Submitted by

**ANUJI SOMAN**

**MLM22ECVE02**

To

**THE APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**

in partial fulfillment of the requirements for the award of the Degree

Of

**Master of Technology**

In


***VLSI and Embedded Systems***



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**JUNE 2024**

  
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**THREE STAGE COMPARATOR WITH FAST SPEED,  
LOW POWER AND LOW KICKBACK NOISE**

**DISSERTATION -PHASE II REPORT**

Submitted by

**SHIDDHU CHIETTICKAL**

**MLM22ECVE04**

To

**THE APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**

in partial fulfillment of the requirements for the award of the Degree

Of

**Master of Technology**

In

*VLSI and Embedded Systems*



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# IoT BASED SOLAR POWERED AIR PURIFIER WITH AIR QUALITY MONITORING SYSTEM

PROJECT REPORT

Submitted by

ABISON SHIBU (MLM20EC001)

AJUMAL TJ (MLM20EC003)

AKHIL K SOMAN (MLM20EC006)

ANANDA KRISHNA (MLM20EC010)

Under the guidance of

Ms. APARNA JOSE

Assistant Professor

to

The APJ Abdul Kalam Technological University  
in partial fulfilment of the requirements for the award of the Degree

of

Bachelor of Technology




**Department of Electronics & Communication Engineering**

**Mangalam College of Engineering**

Ettumanoor

April 2024

  
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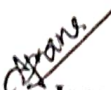
  
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CERTIFICATE


This is to certify that the report entitled 'IoT BASED SOLAR POWERED AIR PURIFIER WITH AIR QUALITY MONITORING SYSTEM' is the bonafide report of the work done by ABISON SHIBU (MLM20EC001), AJUMAL T J (MLM20EC003), AKHIL K SOMAN (MLM20EC006), ANANDA KRISHINA (MLM20EC010) of VIII<sup>th</sup> Semester, Department of Electronics & Communication Engineering, Mangalam College of Engineering, Kottayam, towards the partial fulfillment of the requirement for the award of the B. Tech Degree in Electronics & Communication Engineering under the A P J Abdul Kalam Kerala Technological University, Kerala during the academic year 2023-2024.

  
Ms. Aparna Jose  
Assistant Professor  
Project Supervisor

  
Ms. Devika Sarath  
Assistant Professor  
Project Coordinator

  
Dr. Anantham C G  
Professor  
Head of the Department

  
Internal Examiner:

  
External Examiner:

  
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# AUTOMATIC SOLAR PANEL CLEANING SYSTEM

PROJECT PHASE 2 REPORT

Submitted by

SEBIN P S (MLM20EC032)  
ANGEL CHANDRESH (MLM20EC012)  
NAVEEN RAVIGOPAL (MLM20EC029)  
JUSTIN KURIAKOSE SUNIL (MLM20EC025)

Under the guidance of

Mrs. NEETHIAN ELIZABETH ABRAHAM  
Assistant Professor

To

The APJ Abdul Kalam Kerala Technological University

In partial fulfillment of the requirements for the Award of the degree

Of

Bachelor of Technology

In

Electronics & Communication Engineering



विश्वं शास्त्रे प्रतिष्ठितम्।

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Department of Electronics and Communication Engineering

Mangalam College of Engineering, Ettumanoor

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APRIL 2024





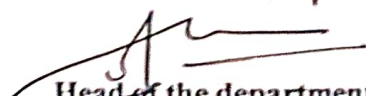
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

CERTIFICATE

This is to certify that the project report entitled "AUTOMATIC SOLAR PANEL CLEANING SYSTEM" is the Bonafide report of the work done by SEBIN P S (MLM20EC032), ANGEL CHANDRESH (MLM20EC012), NAVEEN RAVIGOPAL (MLM20EC029), JUSTIN KURIAKOSE SUNIL (MLM20EC025) of VIII<sup>th</sup> Semester, Department of Electronics And Communication Engineering, Mangalam College of Engineering, Kottayam, towards the partial fulfillment of the requirement for the award of the Degree of Bachelor of Technology in Electronics & Communication by the A P J Abdul Kalam Kerala Technological University, Kerala during the academic year 2023-2024.

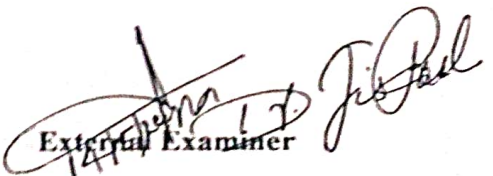
  
Faculty Supervisor

  
Project Coordinator

  
Head of the department

  
Internal Examiner



  
External Examiner

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ETTUMANOOR 223 831

## 2 X 2 DRAG

PROJECT PHASE II REPORT

Submitted by

ANWIN P T (MLM20EC018)

DEVIKA RAJ K (MLM20EC020)

DIANUSH M RAJ (MLM20EC021)

STEPHANE ABRAHAM (MLM20EC035)

Under the guidance of

Mrs. DEVIKA SARATHI

Assistant Professor

To

The APJ Abdul Kalam Kerala Technological University

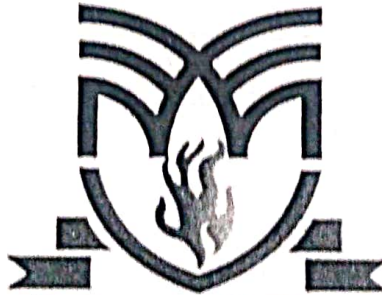
In partial fulfillment of the requirements for the Award of the degree

Of

Bachelor of Technology

In

Electronics & Communication Engineering



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KOTTAYAM



CERTIFICATE

This is to certify that the project report entitled "2 X 2 DRAG" is the bonafide report of the work done by ASWIN P T (MLM20EC018), DEVIKA RAJ K (MLM20EC020), DHANUSH M RAJ (MLM20EC021), STEPHANE ABRAHAM (MLM20EC035) of VIII<sup>th</sup> Semester, Department of Electronics And Communication Engineering, Mangalam College of Engineering, Kottayam, towards the partial fulfillment of the requirement for the award of the Degree of Bachelor of Technology in Electronics & Communication by the A P J Abdul Kalam Kerala Technological University, Kerala during the academic year 2023-2024.

  
Mrs. DEVIKA SARATH

Assistant Professor

Project Supervisor

  
Mrs. DEVIKA SARATH


Assistant Professor

Project Coordinator

  
Dr. ABRAHAM C G

Professor

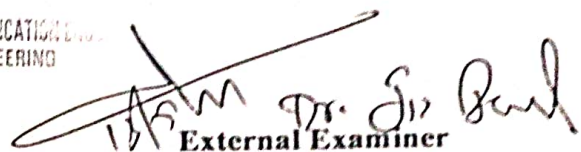
Head of the department

  
Internal Examiner

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING  
MANGALAM COLLEGE OF ENGINEERING  
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External Examiner

# CNC MACHINE FOR PCB DESIGNING

## PROJECT PHASE II REPORT

Submitted by

**ABLE THOMAS (LMLM20EC040)**  
**ANAGHA RAKESH (MLM20EC009)**  
**SREEJISH K PILLAI (MLM20EC034)**  
**SUDEV A.S (LMLM20EC041)**

Under the guidance of

**Ms. Jyothisree K.R**

Associate Professor

to

The APJ Abdul Kalam Technological University

In partial fulfilment of the requirements for the award of the Degree

of

Bachelor of Technology

In

Electronics and Communication Engineering



विश्वं शास्त्रे प्रतिष्ठितम्।

Department of Electronics and Communication Engineering

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Mangalam College of Engineering,

Ettumanoor

APRIL 2024


DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.  
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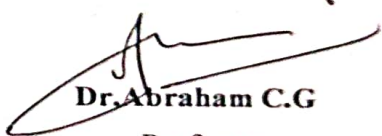



CERTIFICATE

This is to certify that the report entitled 'CNC MACHINE FOR PCB DESIGNING' submitted by ABLE THOMAS (LMLM20EC040), ANAGHA RAKESH (MLM20EC009), SREEJISH K PILLAI (MLM20EC034), SUDEV A.S (LMLM20EC041) of VIII<sup>th</sup> Semester, Department of Electronics & Communication Engineering, Mangalam College of Engineering, Kottayam, towards the partial fulfillment of the requirement for the award of the B.Tech Degree in Electronics & Communication Engineering under the APJ Abdul Kalam Kerala Technological University, Kerala during the academic year 2023-2024.

  
Ms. Jyothisree K.R  
Associate Professor  
Project Supervisor

  
Ms. Devika Sarath  
Assistant Professor  
Project Coordinator

  
Dr. Abraham C.G  
Professor  
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# HANDS-FREE SHOPPING CART WITH SELF CHECKOUT

PROJECT PHASE 2 REPORT

Submitted by

JIBIL JOJI (MLM20EC022)  
ARSHA JOY (MLM20EC017)  
RAHUL R NATH (MLM20EC031)  
VARGHESE JOSEPH (MLM20EC038)

Under the guidance of

**Mrs. Mariya Stephen,**

Assistant Professor

To

The APJ Abdul Kalam Technological University

In partial fulfillment of the requirements for the award of the

Of

Bachelor of Technology

In

Electronics & Communication Engineering



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING  
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**Department of Electronics & Communication Engineering**

Mangalam College of Engineering Ettumanoor

APRIL 2024

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CERTIFICATE

This is to certify that the project report entitled "HANDS-FREE SHOPPING CART WITH SELF CHECKOUT" is the Bonafide report of the work done by ARSHA JOY (MLM20EC017), JIBIL JOJI (MLM20EC022), RAHULR NATH (MLM20EC031), VARGHESE JOSEPH (MLM20EC038) of VIII<sup>th</sup> Semester, Department of Electronics & Communication Engineering, Mangalam College of Engineering, Kottayam, towards the partial fulfillment of the requirement for the award of the B. Tech Degree in Electronics & Communication Engineering under the A P J Abdul Kalam Kerala Technological University, Kerala during the academic year 2023-2024.

  
MRS. MARIYA STEPHEN

Assistant Professor  
Project Supervisor

  
MRS. DEVIKA SARATH

Assistant Professor  
Project Coordinator

  
DR. ABRAHAM C.G

Professor  
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# EFFICIENT EYE GAZE CONTROLLED WHEELCHAIR

PROJECT REPORT

*Submitted by*

AKHIL A (MLM20EC005)

ANANDU P (MLM20EC011)

ASWIN SIBY (MLM20EC019)

JOEL V SAJI (MLM20EC024)

*Under the guidance of*

Dr. ABRAHAM C. G, Professor

To

The APJ Abdul Kalam Technological University

In partial fulfilment of the requirements for the award of the Degree

Of

Bachelor of Technology



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Mangalam College Of Engineering, Ettumanoor

APRIL 2024

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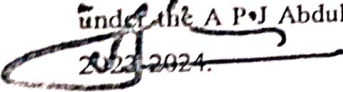
MANGALAM COLLEGE OF ENGINEERING  
ETTUMANOOR, KOTTAYAM





DEPARTMENT OF ELECTRONICS & COMMUNICATION  
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This is to certify that the project report entitled "EFFICIENT EYE GAZE CONTROLLED WHEELCHAIR" is the bonafide report of the work done by AKHIL A (MLM20EC005), ANANDU P (MLM20EC011), ASWIN SIBY (MLM20EC019), JOEL V SAJI (MLM20EC024) of VIII<sup>th</sup> Semester, Department of Electronics & Communication Engineering, Mangalam College of Engineering, Kottayam, towards the partial fulfillment of the requirement for the award of the B.Tech Degree in Electronics & Communication Engineering under the A.P.J Abdul Kalam Kerala Technological University, Kerala during the academic year 2023-2024.

  
Dr. Abraham C G  
Professor  
Faculty Supervisor

  
Mrs. Devika Sarath  
Assistant Professor  
Project co-ordinator

  
Dr Abraham C G  
Professor  
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*This is to certify that the Project titled "SHADOW TRACES: AN UNTRAVELING CRIME USING TIME DISTRIBUTED LSTM" is the Bonafide record of the work done by Vinaya Prasad(MLM21AIM025) of S6 B. Tech in Artificial Intelligence and Machine Learning towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, during the academic year 2023-24.*

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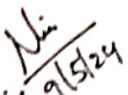
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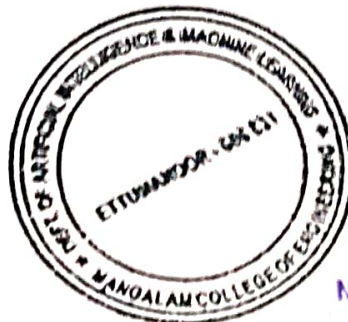


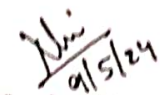
**CERTIFICATE**

*This is to certify that the Project titled "SHADOW TRACES: AN UNRAVELING CRIME USING TIME DISTRIBUTED LSTM" is the Bonafide record of the work done by NANDANA SURESH(MLM21AIM017) of S6 B. Tech in Artificial Intelligence and Machine Learning towards the partial fulfilment of the requirement for the award of the **DEGREE OF BACHELOR OF TECHNOLOGY** by **APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**, during the academic year 2023-24.*

  
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Ms. Nimmymol Manuel  
Associate Professor  
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MAY 2024

CERTIFICATE

This is to certify that the Project titled "**SHADOW TRACES: AN UNTRAVELING CRIME USING TIME DISTRIBUTED LSTM**" is the Bonafide record of the work done by **Nirupama R Pillai(MLM21AIM018)** of S6 B. Tech in Artificial Intelligence and Machine Learning towards the partial fulfilment of the requirement for the award of the **DEGREE OF BACHELOR OF TECHNOLOGY** by **APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**, during the academic year 2023-24.

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**MAY 2024**



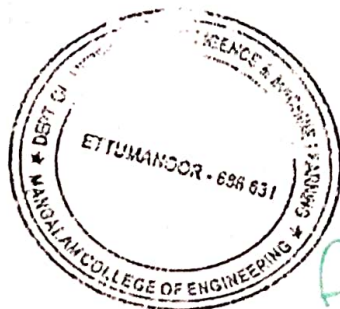
**CERTIFICATE**

*This is to certify that the Project titled "Adversarial Camouflage Object Detection: ACOD" is the Bonafide record of the work done by Aparna Shaji (MLM21AIM008) of B.Tech in Artificial Intelligence And Machine Learning towards the partial fulfillment of the requirement for the award of the **DEGREE OF BACHELOR OF TECHNOLOGY** by **APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**, during the academic year 2023-24.*

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LEARNING  
MAY 2024



**CERTIFICATE**

This is to certify that the Project titled "*Comparative Analysis Of Machine Learning Algorithm For Rainfall Prediction*" is the Bonafide record of the work done by *R.Anand (MLM21AIM020), Ananthu H (MLM21AIM007), Abdulla Hashim (MLM21AIM001)* of B.Tech in Artificial Intelligence And Machine Learning towards the partial fulfilment of the requirement for the award of the **DEGREE OF BACHELOR OF TECHNOLOGY** by **APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**, during the academic year 2023-24.

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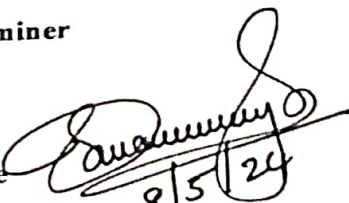
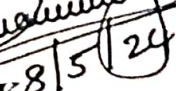
MAY 2024

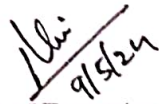


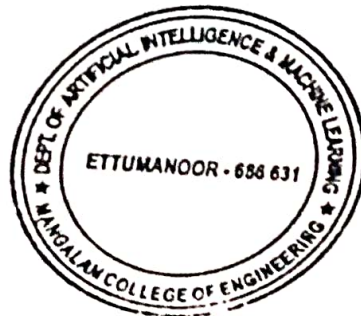
CERTIFICATE

*This is to certify that the Project titled "SILENT LISTENER: DEEP LEARNING-BASED VISUAL SPEECH RECOGNITION" is the Bonafide record of the work done by T Alwin Kingstan (MLM21AIM024) of S6 B. Tech in Artificial Intelligence and Machine Learning towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, during the academic year 2023-24.*


  
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Head of Department  
Ms. Nimmymol Manuel  
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MAY 2024



CERTIFICATE

*This is to certify that the Project titled "Adversarial Camouflage Object Detection: ACOD" is the Bonafide record of the work done by Adil Nihal (MLM21AIM003) of B.Tech in Artificial Intelligence And Machine Learning towards the partial fulfillment of the requirement for the award of the **DEGREE OF BACHELOR OF TECHNOLOGY** by **APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**, during the academic year 2023-24.*

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**DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING**  
**MAY 2024**



**CERTIFICATE**

*This is to certify that the Project titled "Adversarial Camouflage Object Detection: ACOD" is the Bonafide record of the work done by Aravind PS(MLM21AIM009) of B.Tech in Artificial Intelligence And Machine Learning towards the partial fulfillment of the requirement for the award of the **DEGREE OF BACHELOR OF TECHNOLOGY** by **APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**, during the academic year 2023-24.*

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**Ms. Nimmymol Manuel**  
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MACHINE LEARNING

MAY 2024



CERTIFICATE

This is to certify that the Project titled **"BRIDGING THE GAP: A GESTURE-CONTROLLED INTERFACE POWERED BY DEEP LEARNING FOR SPEECH AND HEARING IMPAIRED USERS"** is the Bonafide record of the work done by Jagannath S (MLM21AIM014), Sooraj Santhosh (MLM21AIM022), Sureshkumar B (MLM21AIM023) of B.Tech in Artificial Intelligence And Machine Learning towards the partial fulfillment of the requirement for the award of the **DEGREE OF BACHELOR OF TECHNOLOGY** by **APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**, during the academic year 2023-24.

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MACHINE LEARNING

MAY 2024



**CERTIFICATE**

*This is to certify that the Project titled "SILENT LISTENER: DEEP LEARNING-BASED VISUAL SPEECH RECOGNITION" is the Bonafide record of the work done by Don Philip (MLM21AIM011) of S6 B. Tech in Artificial Intelligence and Machine Learning towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, during the academic year 2023-24.*

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(Assistant Professor)  
Department of AM

Head of Department

Ms. Nimmymol Manuel  
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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND  
MACHINE LEARNING

MAY 2024





CERTIFICATE

*This is to certify that the Project titled "SILENT LISTENER: DEEP LEARNING-BASED VISUAL SPEECH RECOGNITION" is the Bonafide record of the work done by Anandhu Santhosh (MLM21AIM005) of S6 B. Tech in Artificial Intelligence and Machine Learning towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, during the academic year 2023-24.*

  
Internal Examiner

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8/5/24

  
Head of Department  
Ms. Nimmymol Manuel  
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MAY 2024

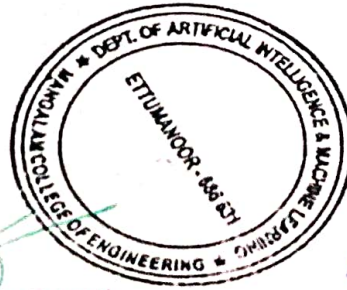


**CERTIFICATE**

*This is to certify that the Project titled "IntrusionGuard: A Deep Learning-Powered Automated Intruder Detection System for CCTV Surveillance" is the Bonafide record of the work done by Niveditha Manoj (MLM21AIM019) of B. Tech in Artificial Intelligence and Machine Learning towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, during the academic year 2023-24.*

Internal Examiner

Project Guide  
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(Assistant Professor)  
Department of AM



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Head of Department  
Ms. Nimmy Manuel  
Associate Professor  
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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND  
MACHINE LEARNING

MAY 2024



**CERTIFICATE**

*This is to certify that the Project titled "IntrusionGuard: A Deep Learning-Powered Automated Intruder Detection System for CCTV Surveillance" is the Bonafide record of the work done by Anand John Baby (MLM21AIM006) of B. Tech in Artificial Intelligence and Machine Learning towards the partial fulfilment of the requirement for the award of the **DEGREE OF BACHELOR OF TECHNOLOGY** by **APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY**, during the academic year 2023-24.*

**Internal Examiner**

**Project Guide**

**Ms. Sneha Sebastian**  
**(Assistant Professor)**  
**Department of AM**



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**Head of Department**  
**Ms. Nimmy Manuel**  
**Associate Professor**

**Department of AM**  
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**Machine Learning**  
**Mangalam College of Engineering**  
**Ettumanoor - 686 631**

ROS241063



# CERTIFICATE

This is to certify that

**ARJUN KRISHNA A B**

of

**MANGALAM COLLEGE OF ENGINEERING**

has successfully completed a 5 day internship in the field of **Robotics With Artificial Intelligence** from 18<sup>th</sup> February 2024 to 22<sup>nd</sup> February 2024. During this period he got exposed to industry relevant softwares like Pycharm, Python and actively participated in hands-on exercises.



28-02-2024

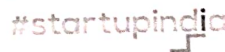
Date



Recognized by

Deepak Rajan  
Founder & CEO  
Techmaghi

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# CERTIFICATE

This is to certify that

**HAREESH KRISHNAN K B**

of

**MANGALAM COLLEGE OF ENGINEERING**

has successfully completed a 5 day internship in the field of **Robotics With Artificial Intelligence** from 18<sup>th</sup> February 2024 to 22<sup>nd</sup> February 2024. During this period he got exposed to industry relevant softwares like Pycharm, Python and actively participated in hands-on exercises.



28-02-2024

Date



**Deepak Rajan**  
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ROB241066



# CERTIFICATE

This is to certify that

**MALAVIKA SHIBU**

of

**MANGALAM COLLEGE OF ENGINEERING**


has successfully completed a 5 day internship in the field of **Robotics With Artificial Intelligence** from 18<sup>th</sup> February 2024 to 22<sup>nd</sup> February 2024. During this period she got exposed to industry relevant softwares like Pycharm, Python and actively participated in hands-on exercises.



28-02-2024  
Date



  
Deepak Rajan  
Founder & CEO  
Techmaghi

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Recognized by



TM09CP020



# CERTIFICATE

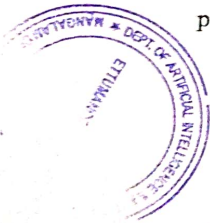
This is to certify that

**AGIN C VIJU**

of

**MANGALAM COLLEGE OF ENGINEERING**

has successfully completed a 5 day internship in the field of **Computer Vision With Python** from 28<sup>th</sup> August 2023 to 2<sup>nd</sup> September 2023. During this period he got exposed to industry relevant programming languages like **Python** and actively participated in hands-on exercises.



09-09-2023

Date



Deepak Rajan  
Founder & CEO  
Techmaghi

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

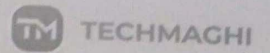
Recognized by



#startupindia



TM09CP020



# CERTIFICATE

This is to certify that

**ALFY MATHEW PHILIP**

of

**MANGALAM COLLEGE OF ENGINEERING**

has successfully completed a 5 day internship in the field of **Computer Vision With Python** from 28<sup>th</sup> August 2023 to 2<sup>nd</sup> September 2023. During this period he got exposed to industry relevant programming languages like **Python** and actively participated in hands-on exercises.

09-09-2023

Date



Deepak Rajan  
Founder & CEO  
Techmaghi

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



Recognized by #startupidia



TM109CP020



# CERTIFICATE

This is to certify that

**ALEX J MATHEW**

of

**MANGALAM COLLEGE OF ENGINEERING**

has successfully completed a 5 day internship in the field of **Computer Vision With Python** from 28<sup>th</sup> August 2023 to 2<sup>nd</sup> September 2023. During this period he got exposed to industry relevant programming languages like **Python** and actively participated in hands-on exercises.



09-09-2023

Date



Deepak Rajan  
Founder & CEO  
Techmaghi

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Recognized by



#startupindia



MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR  
DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE  
LEARNING

MAY 2024



CERTIFICATE

*This is to certify that the Project titled "Visual to Audio for Visually Impaired Using Deep Learning" is the Bonafide record of the work done by Abhirami Biju (MLM21AIM002), Avani Rejeesh (MLM21AIM010), Gayathri P B (MLM21AIM012) of B.Tech in Artificial Intelligence And Machine Learning towards the partial fulfilment of the requirement for the award of the DEGREE OF BACHELOR OF TECHNOLOGY by APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, during the academic year 2023-24.*

Internal Examiner

Project Guide  
Ms. Susanna Sajan  
Assistant Professor  
Department of AM



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Head of the Department  
Ms. Nimmymol Manuel  
Associate Professor  
Department of AM  
HEAD OF DEPARTMENT  
Dept. of Artificial Intelligence &  
Machine Learning  
Mangalam College of Engineering  
Ettumanoor - 686 631

DEPARTMENT OF MANAGEMENT STUDIES,  
MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM



**CERTIFICATE**

This is to certify that the report titled "SOCIAL MEDIA INFLUENCERS IN CONSUMER PURCHASE DECISION" being submitted by ALWIN EAPPACHEN (MLM22MBA14), to the APJ Abdul Kalam Technological University in partial fulfilment of the requirements for the award of the Degree of Master of Business Administration was carried out by him under my guidance and supervision. This report in any form has not been submitted to any other University or Institution for the award of any degree, diploma or similar title.

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Internal Supervisor

DR. PRIMA ANNE GEORGE  
Associate Professor  
Department of Management Studies  
Mangalam College of Engineering  
Ettumanoor

Project Coordinator

Ms. RINTA GEORGE  
Assistant Professor  
Department of Management Studies  
Mangalam College of Engineering  
Ettumanoor

Head of the Department  
Tomy Mathew M.Com., PhD.  
Professor and Head  
Department of Management Studies  
Mangalam College of Engg. Ettumanoor

DEPARTMENT OF MANAGEMENT STUDIES  
MANGALAM COLLEGE OF ENGINEERING ,ETTUMANOOR  
KOTTAYAM



CERTIFICATE

This is to certify that the report titled "A STUDY ON THE PERFORMANCE APPRAISAL AND ITS IMPACT ON EMPLOYEES AT KMML" being submitted by SREYA S NAIR (Reg No MLM22MBA87), to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Master of Business Administration is a bonafide record of the project work carried out by her under my guidance and supervision. This report in any form has not been submitted to any other University or Institute for the award of any degree, diploma or similar title.

Internal Supervisor

Ms. TINTA BABY  
Assistant Professor  
Department of Management Studies  
Mangalam College Of Engineering,  
Ettumanoor



Head of the department  
Tommy Mathew M. Com., PhD.  
Professor and Head  
Department of Management Studies  
Mangalam College of Engg. Ettumanoor

Project Coordinator

Ms. RINTA GEORGE  
Assistant Professor  
Department of Management Studies  
Mangalam College of Engineering  
Ettumanoor

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



**The Kerala Minerals and Metals Ltd.**

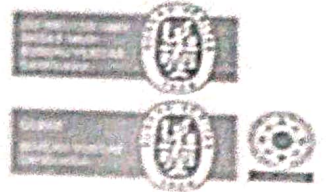
(A Govt. Of Kerala Undertaking)  
As ISO 9001, ISO 14001, OHSAS 18001 & SA 8000 Certified Company

SANKARAMANGALAM, CHAVARA-691 583  
KOLLAM, KERALA, INDIA.

Phone : +91- 476-2651215 to 2651217

Fax : +91- 0476-2680101, 2686721

E-mail : [contact@kmmml.com](mailto:contact@kmmml.com), URL : [www.kmmml.com](http://www.kmmml.com)



CIN U14109KL19725GCC002339

TP/PD/T-14/24  
10.06.2024

**CERTIFICATE**

This is to certify that Ms. Sreya S Nair, (Reg.No- MLM22MBA87) MBA student of Managalam College of Engineering, Kottayam has successfully completed Project entitled "PERFORMANCE APPRAISAL AND IMPACTION ON EMPLOYEES" in Human resource Department of the Titanium Dioxide Pigment Unit of the Company at Chavara during the period from 19.03.2024 to 18.04.2024.

She was found to be an industrious and motivated person with good conduct and character during the entire training period.

**PUBLIC RELATIONS OFFICER**

MUNEER P. K.  
Public Relations Officer  
The Kerala Minerals and Metals Ltd.  
(A Govt. of Kerala Undertaking)  
Sankaramangalam, Chavara P.O.,  
Kollam - 691583

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor





DEPARTMENT OF MANAGEMENT STUDIES  
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR,  
KOTTAYAM



CERTIFICATE

This is to certify that the report titled " A Study on Employee Resilience at Chirackal Agro Mills (Periyar Rice), Kalady" being submitted by Juhl Ann Mary George, MLM22MBA49, to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Master of Business Administration is a bonafide record of the project work carried out by her under my guidance and supervision. This report in any form has not been submitted to any other University or Institute for the award of any degree, diploma or similar title.

Internal Supervisor

Ms. TINTA BABY  
Assistant Professor  
Department of Management Studies  
Mangalam College Of Engineering,  
Ettumanoor



HEAD OF THE DEPARTMENT  
Tomy Mathew M.Com., Ph.D.  
Professor and Head  
Department of Management Studies  
Mangalam College of Engg. Ettumanoor

Project Coordinator

Ms. RINTA GEORGE  
Assistant Professor  
Department of Management Studies  
Mangalam College of Engineering  
Ettumanoor

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

# CHIRACKAL AGRO MILLS



## Chirackal Agro Mills

K.P. XVII/577, M. C. Road, Mattoor, Ernakulam, Kerala State,  
India, Pin-683 574. Ph: 0484 2463508, 2463751.



Ref: CAM-093-MAY/2024-2025

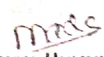
14 May, 2024

### To Whomsoever It May Concern

This is to certify that Ms. JUHI ANN MARY GEORGE (Reg. No: MLM22MBA49) 4<sup>th</sup> Semester Master of Business Administration Student of Mangalam College of Engineering, Ettumanoor successfully completed Project on "A STUDY ON EMPLOYEE RESILIENCE AT CHIRACKAL AGRO MILLS(PERIVARRICE)" for the period of "17<sup>th</sup> MARCH, 2024 To 8<sup>th</sup> APRIL, 2024". She has submitted a copy of Project Report for our records. She prepared this project report with her own ceaseless effort and sincere hard work. Kindly note that the Project work and findings should be kept strictly confidential.

We wish her all success in her future ventures.

For CHIRACKAL AGRO MILLS

  
Madhusudhanan Kartha N. C.  
Manager-Export.



Mob: 9526177753  
E-mail: mail@periyarrice.com  
Visit us at: www.periyarrice.com  
GST No: 32AACFC1918M12N  
FSSAI No: 11315007001798

ISO: 22000:2018



Certified by ICI FSSMS 005


  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor


DEPARTMENT OF MANAGEMENT STUDIES  
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR  
KOTTAYAM

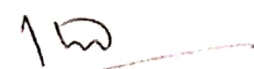


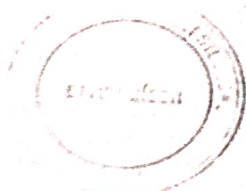
CERTIFICATE


This is to certify that the report titled "A STUDY ON FINANCIAL PERFORMANCE ANALYSIS OF THE SOUTH INDIAN BANK LTD" being submitted by ATHIRA S BABU (MLM22MBA32), to the APJ Abdul Kalam Technological University in partial fulfillment of the requirements for the award of the Degree of Master of Business Administration is a bonafide record of the project work carried out by her under my guidance and supervision. This report in any form has not been submitted to any other University or Institute for the award of any degree, diploma, or similar title.

  
Internal Supervisor  
MR. JOSIN J. ILLICKAMURIYIL  
Assistant Professor  
Department of Management Studies  
Mangalam College of Engineering

  
Project Coordinator  
Ms. RINTA GEORGE  
Assistant Professor  
Department of Management Studies  
Mangalam College of Engineering  
Ettumanoor

  
HEAD OF THE DEPARTMENT  
Tomy Mathew M.Com., PhD.  
Professor and Head  
Department of Management Studies  
Mangalam College of Engg. Ettumanoor



  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

DEPT: HUMAN RESOURCES    HRD:TM:CERT:5:2024-2025    Date : 03-05-2024

**CERTIFICATE**

Certified that Ms Athira S Babu has completed a project work on the topic **A Study on Financial Performance Analysis of The South Indian Bank Ltd. at Br. KOTTAYAM MAIN (0037) of the Bank** during the period from **06-03-2024 to 29-04-2024.**

We wish him/her all the best in his/her future endeavours.



RAMMOHAN V  
DEPUTY GENERAL MANAGER

\*\*\*\*This is an electronically generated document and does not bear physical signature. \*\*\*\*



# MRF

MRF Limited, P.B. No. 2, Vadavathoor P.O. Kottayam - 686 010.  
Tel: 2570461 to 2570470 / 2575196 / 2575197 / 2575198 / 2579400 to 2579699  
STD: 0481 DID: 2579 + 3 digit Ext. No. Fax:2570670  
E-Mail: mrf012@sanchernet.in CIN : L25111TN1960PLC004306

05.07.2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Ananthu Manoj a student of "Department of Management Studies", Mangalam College of Engineering, Ettumanoor, Kottayam, has done his internship at MRF Kottayam plant for a period of 45 days starting from 20.05.2024 to 04.07.2024 as a pre-requisite for MBA program.

During the period of his association with us, we found him sincere and hardworking.

We wish him all the best for his future endeavors.

Thanks & regards,  
For MRF Limited

Joshy Joseph  
Senior Human Resources Manager

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Date : 31<sup>st</sup> July, 2024

**CERTIFICATE**

This is to certify that **Mr. Abdul Rahman M Haneefa** has undergone **Internship** at **AVT Natural Products Ltd**, S.Vazhakulam, Aluva for the period from **13.06.2024 to 31.07.2024** in fulfillment of the requirements for the award of **Master of Business Administration** from **Mangalam College of Engineering, Ettumanoor, Kottayam – 686 631**.

During this period he was regular in his attendance and had shown a keen desire to learn.

We wish him success in his future endeavors.

For **AVT Natural Products Limited**



**Vibin Kumar S**

AGM – HR & Administration



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor





**HIGHRANGE**  
Home Appliances

© 2024 HIGHRANGE HOME APPLIANCES  
KATAPPANUR  
Office: HighRange Home Appliances  
DABUR 241754, 985 645 5254  
ESTD IN 2010

### CERTIFICATE OF INTERNSHIP

This is to certify that Ms. AKSHAYA AJITH, the second year MBA student of MANGALAM COLLEGE OF ENGINEERING Ettumanoor has successfully completed 264 hours of internship at this institution during the period between 16-5-2024 to 30-6-2024.

She has become familiar with the "Organizational structure and working of different department in the company" during this period. During the internship, we found her character and conduct to be good

Wishing her all the very best in future endeavors.

HIGHRANGE HOME APPLIANCES

SIGNATURE

COMPANY SEAL



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



# Anand Water Meter Mfg. Co. (P) Ltd.

Manufacturers of ANAND ASAHI Water Meters with Japanese Collaboration  
An ISO 9001 : 2015 Certified Company

Regd office : XL/490, Anand House, C. U. Anand Lane, M.G. Road, Kochi - 682 011, Kerala, India

Tel : 0484 2362472, 2360191, 2373898, 2370887

Customer Care : 9446091191 / 9446433195

E-mail : headoffice@anandasahi.com Website : www.anandasahi.com



## CERTIFICATE

### TO WHOM IT MAY CONCERN

This letter is to confirm that Mr. NITHIN VIJAYAN (Reg. No. MLM23MBA79), a 3rd semester MBA student at MANGALAM COLLEGE OF ENGINEERING of Dr. APJ Abdul Kalam Technological University, Ettumanoor, Kottayam, completed 45-days (20<sup>th</sup> May to 3<sup>rd</sup> July 2024) summer Internship with our company. Throughout this period, he consistently demonstrated punctuality, hardwork, and inquisitiveness, and his performance was exceptional. Additionally, he maintained good behavior throughout the entire period of his study. We wish him all the success in his future endeavors.

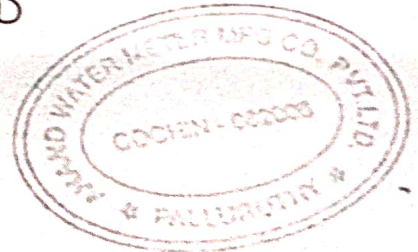
ANAND WATER METER MFG. CO. (P) LTD

  
(Asst. Admin. Officer)

15.10.2024



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor







# Mamma Products

Kappumthala, Kottayam - 686 613, Kerala  
Managing Partner Mob : 9447783600, 7025174704, Office Mob : 7025519994  
E - Mail : summertreaticecream@gmail.com

Ref.No. ST/15,24-25

Date 19-10-2024

## CERTIFICATE

### TO WHOM IT MAY CONCERN

This letter is to confirm that Ms. SREELAKSHMI ANIL(Reg. No. MLM23MBA109) , a 3rd semester MBA student at MANGALAM COLLEGE OF ENGINEERING of Dr. APJ Abdul Kalam Technological University, Ettumanoor, Kottayam, completed 45-days (20th May to 3rd July 2024) summer Internship with our company. Throughout this period, she consistently demonstrated punctuality, hardwork, and inquisitiveness, and her performance was exceptional. Additionally, she maintained good behavior throughout the entire period of her study. We wish her all the success in her future endeavors.

MAMMA PRODUCTS

MANAGER

*For Mamma Products*

Manager



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Manufacturers of : "SUMMER TREAT ICE CREAMS"



CIN-U27310KL1984SGC003975

ആട്ടോകാസ്റ്റ് ലിമിറ്റഡ്

(ഒരു കേരള സർക്കാർ സ്ഥാപനം)

**Autokast Ltd**

(A Government of Kerala Undertaking)

RDSO Approved  
Class 'A' Foundry



ISO 9001 : 2015

AKL/PER/17A

11/07/2024

CERTIFICATE

This is to certify that Mr. Jayakrishnan K S, II<sup>nd</sup> semester MBA student of Managalam College of Engineering, Ettumanoor, Kottayam has successfully completed "INTERNSHIP" in our company during the period from 23/05/2024 to 06/07/2024 as part of his curriculum.

He was found to be sincere in his studies.

For AUTOKAST LTD,

  
11/07  
MANAGER (HRD&A)





PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

GST : S2AAC011374R170  
CIN : U25209KL2003PTC016224



**Toms Pipes Private Limited**

Winnor Industrial Estate, Industrial Nagar P. O.,  
Changanassery, Kottayam, Kerala - 686 106  
Tel : +91 481 2704414, Fax : 272 4907.  
E-mail : tomspipes1@gmail.com, Web : www.tomspipes.com

Date: 06 July 2024

CERTIFICATE

This is to certify that Mr. JOBIN THOMAS MATHAI, MBA student of Mangalam College of Engineering, Ettumanoor, Kottayam has successfully completed his Internship programme in "Organisational study" of Toms Pipes Pvt Ltd during the period from 20<sup>th</sup> May 2024 to 05<sup>th</sup> July 2024 as a part of the course of study.

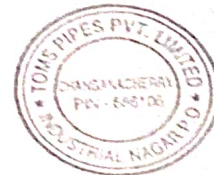
During the period he was found hardworking and sincere towards the study.

We wish him all the best for his future endeavors.

For Toms Pipes Pvt. Ltd.




*Ajith V*  
06/07/2024

Ajith V  
Assistant Manager – Human Resources, IT & TPT  
[hr@tomspipes.in](mailto:hr@tomspipes.in)



*Ajith V*  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Regd. Off : Door No. 6/305, Vattoli, Chethimattom Road, Eravuchira P. O., Thottackad, Kottayam, Kerala - Pin 686 539, INDIA

Mfrs. of  IS 4985 PVC Water Pipes  IS 9537 Conduits and  IS 3419 Fittings  
2000 PART - 3 1988



03<sup>rd</sup> July 2024

CERTIFICATE

This is to certify that Mr. Ashwin Binu, MBA student of Mangalam College of Engineering Ettumanoor, Kottayam has completed his Internship programme in "Organizational Study" in our organization during the period of 20-05-2024 to 03-07-2024

During the training period he has been regular, sincerely hardworking and showing keen interest to learn. The involvement and the sustained efforts put by the student are highly appreciable.

We wish all the best for his future endeavours.

Certified by,

George Maijo Automobiles Pvt Ltd



HR Department

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

**GEORGE MAIJO INDUSTRIES (P) LTD.**

Carackattu Building, Manlppuzha Jn, Nattakom Post, Kottayam - 686013.

Phone : 0481- 2363235, 2363236, Email : [bmktym@georgemaijo.com](mailto:bmktym@georgemaijo.com), Web : [www.georgemaijo.in](http://www.georgemaijo.in)

**"INNOVATION THROUGH MECHANIZATION"**

CHIHS/HR/2216/24  
15 July 2024


## TO WHOM IT MAY CONCERN

This is to certify that **Mr. Jibu P Biju**, II<sup>nd</sup> semester MBA student of Mangalam College Engineering, Ettumanoor, Kottayam has undergone Internship in the Department of Human Resources, Caritas Hospital, Thellakom, Kottayam from 01 June 2024 to 15 July 2024.

Caritas Hospital is NABH accredited 655 bedded tertiary care hospital.

Thanking you

For Caritas Hospital & Institute of Health Sciences

  
Mr. Ciros Joseph  
Chief Human Resources Officer





PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



Thellakom P.O, Kottayam 686 630, Kerala, India. | T: +91 481-279 00 25-29 |  
E-mail: hr@caritashospital.org | mail@caritashospital.org | www.caritashospital.org



# MRF

MRF Limited, P.B. No. 2, Vadavathoor P.O. Kottayam - 686 010.  
Tel: 2570461 to 2570470 / 2575196 / 2575197 / 2575198 / 2579400 to 257969  
STD: 0481 DID: 2579 + 3 digit Ext. No. Fax:2570670  
E-Mail: mrf012@sancharnet.in CIN : L25111TN1960PLC004306

20.07.2024

TO WHOMSOEVER IT MAY CONCERN


This is to certify that Mr. Joyal Thomas a student of "Department of Management Studies", Mangalam College of Engineering, Ettumanoor, Kottayam, has done his internship at MRF Kottayam plant for a period of 45 days starting from 20.05.2024 to 04.07.2024 as a pre-requisite for MBA program.

During the period of his association with us, we found him sincere and hardworking.

We wish him all the best for his future endeavors.

Thanks & regards,  
For MRF Limited

  
Joshy Joseph  
Senior Human Resources Manager

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

PMW: HRD



TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr.Noel Philip, ( USN No: MLM23MBA80) a MBA student at Mangalam College of Engineering, has successfully completed an Internship with us from 20/05/2024 to 06/07/2024, at our Hyundai Showroom, Kottayam.

For POPULAR MOTOR WORLD PVT.LTD

SENIOR MANAGER - HUMAN RESOURCES.



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



06.07.2024

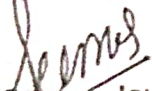
### INTERNSHIP CERTIFICATE

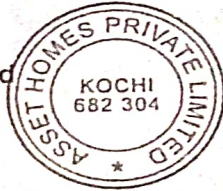
This is to certify that Ms. Arya Purushothaman pursuing her MBA from Mangalam College of Engineering has completed an Internship in Sales and Marketing at Asset Homes Pvt Ltd for a period of 45 days from 20<sup>th</sup> May 2024 to 6<sup>th</sup> July 2024.


She worked well as part of her training and submitted the report to us. The report on evaluation fulfills all the stated criteria. I hereby certify that her work was good to the best of my knowledge.

We wish her success in all her future endeavors.

For Asset Homes Pvt. Ltd

  
Seema Jayadevan  
AGM-HR & Admin



  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor





# Chirackal Agro Mills

K.P. XVII/577, M. C. Road, Mattoor, Ernakulam, Kerala State,  
India, Pin-683 574. Ph: 0484 2463508, 2463751.



Ref: CAM-212-JUL/2024-2025

18 July, 2024

## TRAINING CERTIFICATE.

This is to certify that **Mr. SALMAN BIN NAVAS** (Roll No: MLM23MBA92) student of Mangalam College of Engineering, Kottayam has completed his Job Training program in our organization from **20.05.2024 to 04.07.2024** During this period, his conduct and behavior was good. We wish him all success.

For **CHIRACKAL AGRO MILLS**

*Madhu*

**Madhusudhanan Kartha N. C.**  
Manager-Export.



*PO*

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MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

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Visit us at: www.periyarrice.com  
GST No: 32AACFC1918M1ZN  
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ISO: 22000:2018



Certified by IRCI



FSMS 005



## PAVIZHAM HEALTHIER DIET PRIVATE LIMITED


Koovappady P.O., Perumbavoor, Ernakulam (Dist), Kerala India - 683 544  
Ph : +91 484 2649310, Email : info@pavizhamrice.com, accounts@pavizhamrice.com  
CIN-U15421KL2003PTC016354

18<sup>th</sup> July 2024

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Sreejith P S, MBA student of Mangalam College of Engineering, Ettumanoor, Kottayam has undergone an internship at Pavizham Healthier Diet Pvt. Ltd. From 03<sup>rd</sup> June 2024 to 18<sup>th</sup> July 2024.

He has successfully completed the internship and has grasped the various operations related to rice milling.

  
Authorized Signatory





PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



ട്രാക്കോ കേബിൾ കമ്പനി ലിമിറ്റഡ്  
(ഒരു കേരള സർക്കാർ സ്ഥാപനം)

**TRACO CABLE COMPANY LIMITED**

(A Kerala Government Company)



IRIMPANAM, TRIPUNITHURA, Dist. ERNAKULAM, PIN: 682 309  
Phones: 0484 2780937, 2780237, 2785672, Fax: 0484 2780937

No.P&A/TRG/226

IRIMPANAM  
16.08.2024

CERTIFICATE

This is to certify that Mr.ATHY SURESH, Reg.No.MLM23MBA34, Mangalam College of Engineering, Kottayam has done an Internship at TRACO CABLE COMPANY LIMITED, IRIMPANAM for a period of Six Weeks from 12<sup>th</sup> June 2024 to 27<sup>th</sup> July 2024.

During the period we found him hard working and diligent in conducting the Training and completed in time.

For TRACO CABLE COMPANY LIMITED

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



*Dups*  
UNIT HEAD

Regd. Office ; XXXIX/5465, 4th Floor, KSHB Office Complex, Panampilly Nagar, Kochi - 682 036, Kerala  
Phones: 0484 2314847, 2314864, 2311851 & 2320472 Fax 91-484 2312744  
E-mail : mail@tracocable.com, Web : www.tracocable.com

Factories:  
Pinarayi - 670742, Dist. Kannur Ph : 0490-2384161, Fax 0490-2384761 Thiruvalla-689 103, Dist. Pathanamthitta  
Phones : 0469-2730231, 2730391 & 2730253, Fax : 0469 2630254 (TVLA)





**KSE** VEDAGIRI, KURUMULLOOR P.O.,  
KOTTAYAM - 686632  
**LIMITED** PH: 0481 - 2536830, 2536829  
2536715, 2536719  
AN ISO 9001 : 2015 CERTIFIED COMPANY  
CIN No. L15331KL1963PLC002028

31-08-2024

## CERTIFICATE

This is to certify that Mr. Jebson A Baby, (Roll No. MLM23MBA48) II semester MBA student of Mangalam College of Engineering, Ettumanoor has undergone Internship in our organisation as part of his curriculum during the period from 20-05-2024 to 03-07-2024.

His character and conduct during the course of the Internship was found to be good.

We wish him success in all his future endeavours.

*V. Jayaraman*  
Senior Finance Manager



  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



Retro Classics Pvt. Ltd.

Authorized Dealer of Classic Legends  
JAWA Motorcycles Sales | Service

18/07/2024

## CERTIFICATE

This is to certify that Mr. GAUTHAM DILEEP, MBA student of Mangalam College of Engineering, Ettumanoor has successfully completed his internship programme in "Organisational Study" of Retro Classics Pvt Ltd during the period from 03rd June 2024 to 18th July 2024 as a part of the course of study.

During the period he was found hardworking and sincere towards the study.

We wish him all the best.

For Retro Classics Pvt. Ltd.

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Registered Address:

Kurup's Tower 1, JAWA Motorcycle Showroom  
Near ICICI Bank, Kodimatha (P.O), Kottayam  
Kerala, 686013 | [retroclassics.ktym@gmail.com](mailto:retroclassics.ktym@gmail.com) | +91 7012742042



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South Kalamassery  
Kalamassery, Kochi  
Mail: [hr@caminoinfotech.com](mailto:hr@caminoinfotech.com)  
Website: [www.caminoinfotech.com](http://www.caminoinfotech.com)

---

## CERTIFICATE OF COMPLETION

Certified that **Sanju Thomas (MLM23MBA96)**, student of **Mangalam College Of Engineering For Management Studies** has completed the Internship on **“Organizational Study”** offered by **CAMINO GROUP OF COMPANIES** from 27.05.2024 to 10.07.2024.

We wish all success in him future endeavours.

Authorized Signatory  
Camino Group of Companies



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



# OIL PALM INDIA LIMITED

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GST IN. 32AAAC03695G1Z1, CIN U01133KL10775GCOO2934 E-mail: mdopil@yahoo.co.in, Web: www.oilpalmindia.com

OP/PID/1794

23.10.2024

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Chinchumol Bijoy, 2<sup>nd</sup> Year, MBA student of Mangalam College of Engineering, Ettumanoor, Kottayam has undergone 45 days Internship in our organization.

We wish her all the best for her future endeavors.

Yours Faithfully,

  
SENIOR MANAGER (H.R.D)



  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

## Internship Certificate

This is to certify that Ansu Babu has successfully completed an internship at Digi Suvidha Pvt Ltd from 20/05/2024 to 04/07/2024.

During this period, she worked in the Marketing Department and was involved in various tasks, including:

1. Business Related Content Creation
2. Emailed Proposals to Potential Sponsors
3. Marketing Research and Competitive Analysis
4. Data Sorting
5. Studied Company Services.
6. Allocated Students for the event
7. Contacted Potential Sponsors and Conducted Follow up calls


Ansu Babu demonstrated a high level of professionalism, diligence, and skills in Business Management, Customer Relationship, Research Analysis Etc. She showed a keen willingness to learn and contributed positively to the team's objectives.

We wish Ansu Babu all the best in her future endeavours.



Aryakutty Shaji  
HR and Administration Manager

04.07.2024



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor.





**THE PRIYADARSINI CO-OPERATIVE  
SPINNING MILLS LTD. NO. IND HT (ST) 3**

MEENADOM P. O., KOTTAYAM - 686 516, PH: 0481- 2556744, 2556037, 2556745  
E-mail: priyadarsinicoopmills@gmail.com, pricomills03@gmail.com



PRICO MILLS/ 265 / 2024-25




Date:17.07.2024

TO WHOM IT MAY CONCERN

This is to certify that Ms.Mekha P S, First Year MBA Student of Mangalam College of Engineering Ettumanoor, has successfully completed her “ summer internship study ” from 27-05-2024 to 10.07.2024 in our organization. We wish her all success.

FOR THE PRIYADARSINI CO-OPERATIVE  
SPINNING MILLS LTD

  
MANAGER (ACCOUNTS)

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

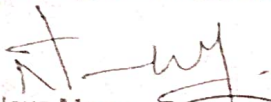
17<sup>th</sup> July 2024


TO WHOMSOEVER IT MAY CONCERN


This is to certify that Ms. **Shilpa Sivankutty** (Reg.no.R MLM23MBA98), student of Mangalam College of Engineering, Kottayam, Kerala has successfully completed the Project from 3-Jun-2024 to 17-Jul-2024 with us. She undertook a project in Retail Store Operation - Easybuy, Bangalore.

She has completed the project successfully. We wish her all the very best for her future endeavors.

For Lifestyle International Limited,  
EasyBuy, Max Retail Division

  
Nova Moses  
Lead TA – Retail Operation



  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettimbanpur

**EasyBuy**<sup>®</sup>

Lifestyle International Pvt. Ltd.  
Easybuy - Max Retail Division  
77 Town Centre, Building No.3, West Wing,  
Off HAL Airport Road, Yemalur P.O.,  
Bangalore - 560 077.  
Phone: +91 (80) 41796565  
Fax: +91 (80) 41526347

Date: 19/07/2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Sonu S (MLM23MBA106) of 2023- 2025 Batch, MBA, Student of Mangalam College of Engineering, Ettumanoor has undergone her internship in Human Resources from 03/06/2024 to 19/07/2024. During this period, she has shown keen interest and completed the internship successfully.

We wish her all the very best in her future endeavors.

For Lifestyle International Pvt Ltd.  
(MAX Retail Division)



Hameed K  
Manager – Human Resources



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

max

Lifestyle International Pvt. Ltd.  
Max Retail Division,  
77 Town Centre, Building No.3, West Wing,  
Off HAL Airport Road, Yarihat P.O.,  
Bangalore - 560 037.  
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Fax: +91 (80) 41528349  
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Mobile : 9447006416  
Fax : 0481 2726089  
E-mail : nitachry@gmail.com  
CIN : U15311KL198BPTC005925

Date 03.07.2024

## CERTIFICATE

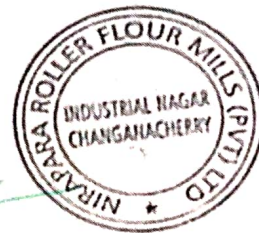
*This is to certify that Ms. Snehavally A K a bonafide student of MBA in Mangalam College Of Engineering, Ettumanoor, Kottayam have successfully completed the Internship Study in our concern from 20-05-2024 to 03-07-2024 as a part of her curriculum.*

*During the period we found her inquisitive and observant.*

*We wish her all success.*

For Nirapara Roller Flour Mills (P) Ltd.

  
Managing Director



  
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GFP/24-25 /29

DT:12/07/2024

### TO WHOMSOEVER IT MAY CONCERN


This is to certify that Ms. SONA THOMAS (Reg : No: MLM23MBA105) M.B.A Student of MANGALAM COLLEGE OF ENGINEERING , ETTUMANOOR, KOTTAYAM affiliated to (A.P.J Abdul Kalam Technological University (K T U )) successfully completed her internship programme at GRAND FOOD PRODUCTS. MUNDATHANAM, KANGAZHA .She has undergone program for a period of 45 days, from 20/05/24 to 03/07/24. The project work Was completed in time and we appreciate her sincere effort in making it successful. The overall rating for her performance during the Program was good .We wish her all the Very best for her future.

KANGAZHA



For GRAND FOOD PRODUCTS

Authorized Signature

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

# Travancore Sugars & Chemicals LTD

Valanjavattom po, Thiruvalla 689104

## Certificate of Internship

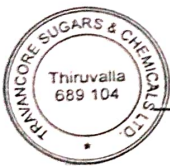
This certificate is Presented to

**Mr. AKHIL SHAJI**


REG. NO. MLM23MBA11, MBA, MANGALAM COLLEGE OF ENGINEERING,  
KOTTAYAM

We are happy to certify that he has completed his Internship at  
the Travancore Sugars and Chemicals LTD  
from 20.05.2024 to 03.07.2024.

*We appreciate his work and contribution*



TSCL/Isnip/2024-061 05.07.2024

  
\_\_\_\_\_  
Manager (P&A) i/c

  
\_\_\_\_\_  
PRINCIPAL  
MANGALAM COLLEGE  
Ettumambalam  
ENGINEERING



KOTTAYAM MOTORS

TO WHOM SO EVER IT MAY BE CONCERN

This is to certify that the Ms. SARANGA SAJAN, the First year MBA student of MANGALAM COLLEGE OF ENGINEERING, MANGALAM HILLS, ETTUMANOOR has successfully completed 45 days of internship in this institution during the period between 20.05.2024 to 13.07.2024.

She has become familiar with the "Organizational structure and working in different department in our company". During this internship we found her character and conduct good.

We wish her every success in all her future endeavours.

Thanking you

Yours Sincerely  
For Kottayam Motors Pvt Ltd.

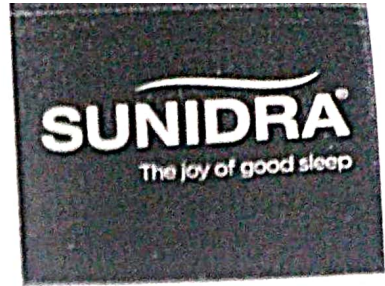
Authorised Signatory



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

---

Thamarappallil Building, Cement Junction, Nattakom P.O., Kottayam - 686013.  
Ph:0481-2361727, 2361737, E-mail:- kottayamtvsg@gmail.com



## CERTIFICATE OF INTERNSHIP

To whom so ever it may concern

We here by confirm that Miss. Marin Jossy Joseph , MBA student of Mangalam College of Engineering, has successfully completed internship at Eastern Mattresses ( P ) Ltd during the period from 20 May to 5 th July . Miss Marin Jossy Joseph worked on a project titled ORGANIZATION BEHAVIOUR assessment of Eastern Mattresses PVT Ltd. We found her work satisfactory taking into consideration of primary research employee interviews and the final report submitted for the review. We wish her all the best.

Regards

*P.S. Anilkumar*  
Anilkumar PS

CEO

Project guide,

*Jasmine Pradeep*  
Jasmine Pradeep

Customer Delight Manager

*[Signature]*  
NO. 217, 3rd Floor, Eastern  
N. H. Bypass, Edappally  
KOCHI-682 024  
TEL: 91-0484-7161711

*[Signature]*  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

**Head Office:**

Eastern Mattresses (P) Ltd.,  
3B, 3rd Floor, Eastern Corporate Office,  
NH Bypass, Edappally,  
Ernakulam, Kerala- 682 024  
Email: sunidracare@sunidra.in

**Reg. Office:**

Eastern Mattresses (P) Ltd.,  
4/335, Puthuperiyaram P.O.,  
Thodupuzha, Idukki Dist., Kerala- 685 608  
GST: 32AAACE6765DIZX  
CIN : U17214KLI999PTC012719

www.sunidra.in  
sunidraindia  
sunidramattresses







UTCL/CBT/HR/2024

18<sup>th</sup> July, 2024

CERTIFICATE

This is to certify that Mr. Nandu Krishna, MBA (Sem-2) student of Mangalam College of Engineering, Ettumanoor did his Internship in our organization from 3<sup>rd</sup> June, 2024 to 18<sup>th</sup> July, 2024.

During the tenure of his internship, he has evinced keen interest in learning and understanding the functioning of various departments like HR & Admin, Commercial, Mechanical, Electrical & Instrumentation, Quality Control and Logistics, etc.

We wish him a bright future and success in his studies.

For UltraTech Cement Ltd  
(Unit: Cochin Bulk Terminal)

Peter Vincent  
Dy. Manager (HR)

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MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



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MSM/HR/RL/2024/215  
02-07-2024

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that **Ms. Rajeena Reji**, student of Mangalam College of Engineering, Ettumanoor, Kottayam, Kerala has done her **Internship** in the Department of **Hospital Operations**, at Mar Sleeva Medicity Palai from **20/05/2024 to 02/07/2024**.


Mar Sleeva Medicity Palai is NABH accredited 650 bedded quaternary care Super Specialty Hospital founded by the Diocese of Palai, catering to an extensive range of 23 specialties and 19 super specialties supported by a proficient workforce.

We wish her all success in her future endeavors.

**For Mar Sleeva Medicity Palai,**

  
**Justine Thomas**  
**Chief Executive Officer**



  
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MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



Ph: (04822) 359 900 & 269 500 / 700

✉ [mail@marsleevamedicity.com](mailto:mail@marsleevamedicity.com)

🌐 [marsleevamedicity.com](http://marsleevamedicity.com)

connect on: 

Cherpunkal, Kezhuvankulam P.O Pala 596 596, Kottayam Dt., Kerala, India



## KOCHI METRO RAIL LIMITED

A 50-50 Joint Venture of Govt. of India & Govt. of Kerala



KMRL/HR/CERTIFICATE/2024

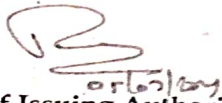
05.07.2024

### TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. Jojy Sibi, MBA student of Mangalam College of Engineering, Kottayam has successfully completed his internship training in HR department of Kochi Metro Rail Limited (KMRL) for the period from 20.05.2024 to 05.07.2024.

We wish him all success in his future endeavours.



  
Signature of Issuing Authority with Seal

Ratheesh. S  
Deputy General Manager-HR  
Kochi Metro Rail Limited  
Kochi - 682017

  
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MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

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TO WHOM SOEVER IT MAY CONCERN

This is to certify that Miss. Nashida Y, 3<sup>rd</sup> Semester student of Mangalam College of Engineering Ettumanoor, Kottayam., has undergone an internship in the Kerala State Homoeopathic Co-Operative Pharmacy Ltd (HOMCO),, from 03<sup>rd</sup> June 2024 to 19<sup>th</sup> July 2024.

She is hard-working and her conduct and character during this period was good to my knowledge and belief.

Date: 23.07.2024  
Place: Alappuzha

  
Authorized Signatory



  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



# സ്റ്റീൽ ഇൻഡസ്ട്രിയൽസ് കേരള ലിമിറ്റഡ്

(ഇ) കേരള സർക്കാരിൻ്റെ സ്വത്തുമാർഗ്ഗം

## STEEL INDUSTRIALS KERALA LIMITED

(A Government of Kerala Undertaking)

### STEEL FABRICATION UNIT

CIN: U27106KL19755GC002656, GST No: 12AAEC52705F1ZV

S.N. PURAM-688 582, CHERTHALA, ALAPPUZHA DIST, KERALA  
Phone 0474-2864745, 2864742 E-mail silksfu@gmail.com

SILK/SFU/01/2024-25/174

22/07/24

### CERTIFICATE

This is Certify that, Ms. MARY HELEN (Reg:no:MLM23MBA67) - second semester MBA student of Mangalam College of Engineering and Management Studies Ettumanoor, Kottayam had successfully completed an Internship for a period of 45 days from 01/06/24 to 22/07/24 as a part of her MBA studies. During this period she had actively associated with the overall operations of the company including Finance, H.R.D, Marketing, Purchase & Sub contracts departments with proper guidance and directions of our officials.

We wish her every success in her future endeavors.

for SILK STEEL FABRICATION UNIT,

Manager (Technical)

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
ETTUMANOOR

Regd. Office: Athani P.O., Mulangunnathakavu, Thiruvananthapuram - 690 581. Units at: Azhikkal (Kannur), Beypore (Kozhikode), Thiruvananthapuram (Alappuzha) and Ottappalam (Palakkad).

Date: 05-07-24

CERTIFICATE OF INTERNSHIP

This is to certify that **ASHNA ZAKIR** (Reg. No: MLM23MBA30), a student of Master of Business Administration at Mangalam College of Engineering, Ettumanoor, has successfully completed an internship programme in our HR Department. The internship lasted for a duration of 45 days, commencing from 22-05-24 and concluding on 05-07-24.


During the period of internship, she could learn and assist us in preparing registers and files of each employee. She was involved in HR activities, data collection, administration etc. She exhibited initiative and enthusiasm in her work, actively participating in all assigned activities and proved herself to be talented with a strong passion for her chosen field. Her commitment to learning and professional growth was evident throughout the internship period.

We extend our best wishes to Ashna for all her future endeavours. May she continue to excel in her academic pursuits and professional career.



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

For ALBA Fashions Pvt.Ltd.

  
Managing Director

**Moosakunju KA**

Managing Director

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**THE TRAVANCORE CEMENTS LIMITED**  
(A GOVT OF KERALA UNDERTAKING)



09.07.2024

PD/44

TO WHOMSOEVER IT MAY CONCERN

*This is to certify that Ms. ASHWANI SOMAN, MBA student, Mangalam College of Engineering, Mangalam Hills, Ettumanoor P.O., Kottayam - 686631 had undergone an "INTERNSHIP TRAINING" in the Account Section of our Company during the period from 20.05.2024 to 03.07.2024 as part of her curriculum.*

*During this period she had shown keen interest in learning various aspects connected with her academic requirement and was found obedient as well as industrious.*

FOR THE TRAVANCORE CEMENTS LTD.,

DY. GENERAL MANAGER (P&A)

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor





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©med

Ref No: 4R3/22 23/11

## Certificate Of internship

THIS CERTIFICATE IS PROUDLY PRESENTED TO

**Adithya G Nath**

2<sup>nd</sup> semester MBA student of Mangalam College of Engineering,  
Ettumanoor, Kottayam successfully completed her Internship in our  
company from 20-05-2024 to 06-07-2024. The conduct and behavior of  
the student was found to be good during the entire internship.



Augustine Paul  
CFO

MANUFACTURERS OF LATEX, SURGICAL, EXAMINATION, INDUSTRIAL & HOUSE HOLD GLOVES



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



**EVM Motors**  
GSTIN: 32AACCE004BL121  
CIN: U30102KL2008PTL022736



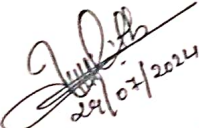
25 July 2024

## Certificate

This certificate verifies that **Ms Merin Susan Joseph**, a Master of Business Administration (MBA) student from Mangalam College of Engineering, Ettumanoor, successfully completed an internship at **EVM Motors and Vehicles India Pvt Ltd** in the HR department. The internship duration was from May 22, 2024, to July 20, 2024.

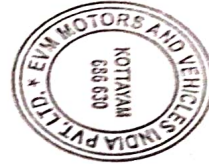
We wish her all success in her future endeavours.

For **EVM Motors & Vehicles India Pvt Ltd**,

  
24/07/2024.

**Vineeth S Panicker**

**Human Resources Officer**





**PRINCIPAL**  
**MANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor

**EVM Motors & Vehicles (I) Pvt. Ltd.**  
Building No. XII/796 to 799, MC Road, Thellakom PO, Kottayam, Kerala - 686630  
Tel: 0481-3011555 E-mail: info.ktm@vw-evmmotors.co.in



Date: 05.08.2024

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **Ms. Sandra Kunjumon**, student of **Mangalam college of Engineering Ettumanoor Department of Management studies, Kottayam** has completed her internship at **Reliance Fashion & Lifestyle Store** from 22<sup>nd</sup> May 2024 to 15<sup>th</sup> Jul 2024 as part of their **MBA** course curriculum.

The topic assigned was "**Store Operations**" and she is found to be sincere and enthusiastic in collecting various information for completing the work.

We wish her all the best in future endeavors.

**For Reliance Retail Ltd.**

*M. Kothirvel*

**Authorized Signatory**

A handwritten signature in green ink, appearing to be 'M. Kothirvel', written over the printed name.

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Reliance Retail Limited (Formerly Reliance Fresh Limited)  
CIN: U01100MH1999PLC120563 Phone: +91 22 67673800

Registered Office: 3rd Floor, Court House, Lokmanya Tilak Marg, Dhobi Talao, Mumbai-400 002, India



**Akay Natural Ingredients Private Limited**  
(formerly known as SpiceRich Seasonings Private Limited)  
Site 1 : Hallaikunnu, Elavumthitta P.O.,  
Pathanamthitta - 689 625, Kerala, India  
Tel: +91 484 2257487, 2257971, 2257531  
Email: info@akaygroup.com  
www.akaygroup.com

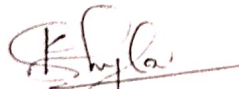
CIN : U15400KL2010PTC025510

20<sup>th</sup> August, 2024

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. REUBEN GEORGE JOHN** (Reg. No. **MLM23MBA89**) MBA student of **MANGALAM COLLEGE OF ENGINEERING, KOTTAYAM**, has done an Internship in our Human Resource Department from 27<sup>th</sup> May 2024 to 18<sup>th</sup> July 2024. This Internship was in connection with the curriculum of Master of Business Administration, APJ Abdul Kalam Technological University, Thiruvananthapuram.

**FOR AKAY NATURAL INGREDIENTS PVT LTD**

  
**SHAILA PHILIPOSE**  
MANAGER-HR



**PRINCIPAL**  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

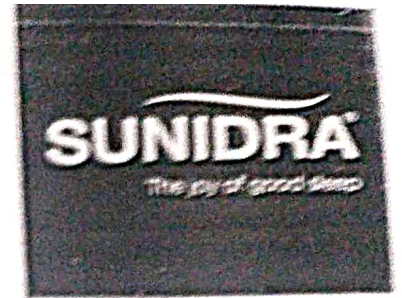


**Regd. Off. & Site 2 :** Ambunad, Malaidamthuruth P.O., Ernakulam - 683 561, Kerala, India.  
Tel: +91 484 2686111/2/3

**Site 3:** Tadas P.O., Byadgi, Haveri - 581106, Karnataka, India. Tel: +91 80 95424111

**Site 4:** Akanadu, Mudakuzha P.O., Perumbavoor, Ernakulam, 683 546, Kerala, India. Tel: +91 484 2597888

*\*Pursuant to amalgamation of the related companies and name change of the company formerly known as SpiceRich Seasonings Private Limited*



## CERTIFICATE OF INTERNSHIP

To whom so ever it may concern

We here by confirm that Miss. Marin Josy Joseph , MBA student of Mangalam College of Engineering, has successfully completed internship at Eastern Mattresses ( P ) Ltd during the period from 20 May to 5 th July . Miss Marin Josy Joseph worked on a project titled ORGANIZATION BEHAVIOUR assessment of Eastern Mattresses PVT Ltd. We found her work satisfactory taking into consideration of primary research employee interviews and the final report submitted for the review. We wish her all the best.

Regards

*PS Anilkumar*  
Anilkumar PS

CEO

Project guide

*Jasmine Pradeep*  
Jasmine Pradeep

Customer Delight Manager

Principal  
MANGALAM COLLEGE OF ENGINEERING  
N.H. 67E-PASS, EDAPPALLY  
KOCHI-682 024  
TEL: 91-0484-7191411

*[Signature]*

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Edappally

**Head Office:**

Eastern Mattresses (P) Ltd.,  
3B, 3rd Floor, Eastern Corporate Office,  
NH Bypass, Edappally,  
Ernakulam, Kerala- 682 024  
Email: sunidracare@sunidra.in

**Reg. Office:**

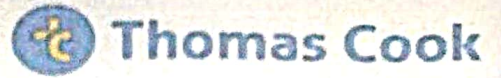
Eastern Mattresses (P) Ltd.,  
4/335, Puthuperryaram P.O.,  
Thodupuzha, Idukki Dist., Kerala- 685 608  
GST : 32AAACE6765D1ZX  
CIN : U17214KL1999PTC012719

www.sunidra.in  
●● sunidraindia  
● sunidramattresses



**Thomas Cook (India) Limited**

11th Floor, Marathon Futures  
N. M. Joshi Marg, Lower Parel (East),  
Mumbai - 400 013  
Board No. : +91-22-4242 7000  
Fax No. : +91-22-2302 2864



22-Jul-24

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that Jyothy B was working with us from 03-Jun-24 to 17-Jul-24 as Internship Trainee for Foreign Exchange at our MG Road Office.

We wish her best of luck for her future endeavors.

Yours Sincerely,  
For Thomas Cook (India) Limited

A handwritten signature in black ink that reads 'Deepti D Sheth'.

Deepti Sheth  
Authorized Signatory

A handwritten signature in green ink, which appears to be 'Mangalam'.

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Holidays | Foreign Exchange | Business Travel | MICE | Value Added Services | Visas

Registered & Corporate Office:  
Thomas Cook (India) Limited, 11th Floor, Marathon Futures, N. M. Joshi Marg, Lower Parel (East), Mumbai - 400 013.  
Email id: enquiry@thomascook.in. CIN No.: L63040MH1976PLC020717  
www.thomascook.in

**ITBG - Knowledge Services Group**

GSTIN 32AARCK1319E4Z5

Phone: 0471-2724765 || Helpline No: +91 9188665545 || E-mail: itbg@keltron.org || Website Link : ksg.keltron.in

KSG/74/INTP/24-07/ L1017

19.07.2024

**CERTIFICATE**

Certified that the Student has completed the Internship Program conducted at KELTRON as per the particulars given below:

Name of the Student	Ms. ARCHANA BABU
Name & Address of the College/Institution at which the Student is Studying	Mangalam College of Engineering, Mangalam Hills, Vettimukal (P.O), Ettumanoor, Kerala - 686631
University/Board, which the Institution is Affiliated to	APJ Abdul Kalam Technological University (KTU), Kerala
Branch/Discipline of Study	MBA
Student's Registration No.	MLM23MBA22
Semester / Year of Study	3 <sup>rd</sup> Semester
Name & Address of the Institution/Centre where the Internship Program was conducted	Keltron Virtual Centre (74), KSEDC, Keltron House, Vellayambalam, Thiruvananthapuram, Kerala - 695033
Online Portal Registration No.	Not Applicable
Roll No./Register No.	K24741100002
Program Category	INTERNSHIP
Period & Duration of the Program	27.05.2024 to 10.07.2024 (45 Days)
Area of Exposure	Overview of Company, Different SBU's/ Departments & It's Functions, Organization Structure/ Hierarchy, HR Functions/ Activities, Duties & Responsibilities, HR Concepts & Implications, Swot Analysis.
Status	COMPLETED SUCCESSFULLY

Authorized Signatory  
(Knowledge Services)



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Temp.No.:KSG/INTP/Type- 1/2-Rev1.06.08.2023

Regd. Office : Keltron House, Vellayambalam, Thiruvananthapuram, Kerala State, India. Pin:695 033, Tel: 0471-4094444

Doc. No: KSG/LH/03-24/020 (1500)

Visit us at our website : <http://www.keltron.org>



TO WHOMEVER IT MAY CONCERN

Date: 12/7/2024

This is to certify that **Mr. Arun Raj** 2nd semester MBA student of Managalam College of Engineering, Ettumanoor, Kottayam, successfully completed his internship in our company from 28-05-2024 to 12-07-2024.

He worked with our team on our projects and his contributions were valuable to the organisation.

The conduct and behaviour of the student were found to be good during the entire internship.

Sincerely

For Equal Stories  
Mithun C Mohan

A handwritten signature in black ink, appearing to read "Mithun C Mohan", written over a horizontal line.

MANAGING PARTNER

A handwritten signature in green ink, written over a horizontal line.

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

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Equal Stories  
G - 12, 1st Cross Road, Panampillynagar, Cochin - 682036  
hello@equalstories.com

POM/HRD/IC/20/07/2024

20/07/2024

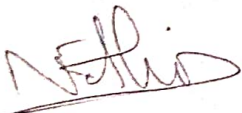
CERTIFICATE

This is to certify that **Mr. Pranav P**, student of Master of Business Administration(MBA),from Managalam College of Engineering, Ettumanoor has completed his **Internship** in Panamoottil Oil Mill,during the time period of 1<sup>st</sup> June 2024 to 19<sup>th</sup> July 2024.

During his tenure with us his performance was good. He is a good learner and bears a good moral character.

We wish him all the success in his future endeavors.

For Panamoottil Oil Mill,



Nithin George,  
CEO  
Panamoottil Oil Mill



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms. Sreeparvathy Pillai, MBA Student of Mangalam College of Engineering, Ettumanoor has completed her Internship of 45 Days in Digital Marketing from 20 May 2024 to 20 July 2024. During this period of training with us she was found punctual, hardworking and inquisitive.

We wish her all the best in her future endeavors.

Date: 25-07-2024

For Swamis Condiments Pvt Ltd



Accounts Manager  
Chandrsekhar VB

Cell No: +91 9605001775



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Head Office:  
Swamis Condiments (P) Ltd.  
Building No. 3/176A, Pichanur (PO)  
Coimbatore, pin: 641105  
✉ cbeadmin@swamisfoods.com  
☎ +91 8925800896

Additional Place of Business:  
Swamis Condiments (P) Ltd.  
Ground Floor, 2/48 A, Ayroor,  
Kerala, India pin: 683579  
✉ scpl@swamisfoods.com  
☎ +91 9605001775



The Benleng Company

RISE TBI, University Road  
South Kalamassery  
Kalamassery, Kochi  
Website: [www.benleng.com](http://www.benleng.com)

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## CERTIFICATE OF COMPLETION

Certified that **Mohammad Aslam (MLM23MBA73)**, student of **Mangalam College Of Engineering For Management Studies** has completed the Internship Training Program in **“Organizational Study”** offered by **THE BENLENG COMPANY** from **27.05.2024** to **10.07.2024**.

Authorized Signatory  
The Benleng Company



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Githin John Shaji (Reg No: MLM23MBA44) has been completed his internship with our organization during 05.06.2024 to 20.07.2024 as Business Development Executive. He rendered his services in working for our Domestic and International Clients.

His services to our organization have been found to be very productive.

He is sincere and hard working with good communication skills.

His associations with us were fruitful and wish him Good Luck in all his future endeavors.

N. N. Rao Yadla  
Director - Projects.  
IGEEKS TECHNOLOGIES



A handwritten signature in green ink, appearing to be "Githin John Shaji".

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MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

+91-7019-28-0372

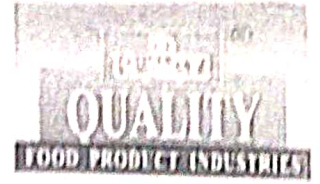
info@igeekestechologies.com

No: 19, MN Complex, 2nd Cross,  
Sampige Main Road, Malleswaram  
Bangalore- 560003

[www.igeekestechologies.com](http://www.igeekestechologies.com)

# Quality Food Product Industries

Panavally - 688 326, Panavally, Cherthala, Alappuzha, Kerala.  
Tel: 91 478 2324114, Fax: 91 478 2324174  
Email: admin@qualityspices.in www.qualityspices.in



17<sup>th</sup> July 2024

## CERTIFICATE

This is to certify that Ms. Radhika , (Reg.No. MEM 23 MBA 86) 3<sup>rd</sup> Semester MBA student of Mangalam College of Engineering, Kottayam has successfully completed an internship in our firm for a period of 45 days commencing from 22<sup>nd</sup> May 2024 to 5<sup>th</sup> July 2024.

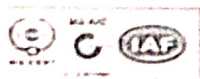
During the period of her study, she has shown keen interest and learned various aspects connected with this organization.

K. Chandramohan

Manager- Administration



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



KAB FC 15

# Quality Food Product Industries

Panavally - 688 526, Panavally, Cherthala, Alappuzha, Kerala.  
Tel : 91 478 2524114, Fax : 91 478 2524174  
E-mail : admin@qualityspices.in - www.qualityspices.in




17<sup>th</sup> July 2024

## CERTIFICATE

This is to certify that Ms. Radhika , (Reg.No. MEM 23 MBA 86) 3<sup>rd</sup> Semester MBA student of Mangalam College of Engineering, Kottayam has successfully completed an internship in our firm for a period of 45 days commencing from 22<sup>nd</sup> May 2024 to 5<sup>th</sup> July 2024.

During the period of her study, she has shown keen interest and learned various aspects connected with this organization.

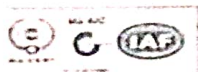
K. Chandramohan

  
Manager- Administration





PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Etumanoor



FAB FC 15

Jul/HR/2024/05

Date: 06 Aug 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Mr. ADITYA VALSALAN, REG NO: MLM23MBA08 student of Mangalam College of Engineering, Ettumanoor, Kerala has successfully completed his 45 days internship program in HR Department at RELIANCE RETAIL LIMITED, Chandrika Chambers, S A Road, Vytilla, Ernakulam, Kerala from 20 May 2024 to 04 July 2024.

During the period we found him/her to be sincere, disciplined and hardworking.



Authorized signatory



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

# BEST WOOD PRODUCTS

PEZHAKKAPILLY (O), PAIPRA, MUVATTUPUZHA, PIN- 686 673  
MOBILE: 9648004888

Date: 25-07-2024  
Place: Pezhakkapilly

Ref No: BM/PL/1-298 dated 25/5-24

## CERTIFICATE

*This is to certify that Mr. Rijo Mathew Eapen, (MLM23MBA 91) MBA student of Mangalam College of Engineering, Ettumanoor, has successfully completed his internship programme in Best wood products, Pezhakkapilly during the period from 3<sup>rd</sup> June 2024 to 18<sup>th</sup> July 2024 as a part of the course of study.*

*During the period he was found hardworking and sincere towards the study.*

*We wish him all the best.*

BEST WOOD PRODUCTS  
Pezhakkappilly P.O.  
Paipra, Muvattupuzha  
GSTIN: 32AAUFB8538N1ZQ



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

SHAFEEL P.K  
Managing Partner

For BEST WOOD PRODUCTS

  
Managing Partner

# MIDAS

PRECURED TREADS (P) LTD.

Registered Office  
MIDAS MARKETING BUILDING  
VARISSERY JN. MARIATHURUTHU P.O.  
KOTTAYAM - 686 017, KERALA, INDIA  
PHONE : 91 - 481 - 2561215  
Email : sales@midastreads.com  
Website : www.midastreads.com  
CIN : U25119KL1985PTC004259

24<sup>th</sup> July, 2024.

## CERTIFICATE

This is to certify that Mr. AKSHAY SURESH (Reg No. MLM23MBA13), MBA (Student) of MANGALAM COLLEGE OF ENGINEERING has Successfully Completed the "SUMMER INTERNSHIP" in our Organisation during 23<sup>rd</sup> May 2024 to 8<sup>th</sup> July, 2024. This certificate is issued for submitting as Part of Education and not for submitting to any other departments.

During the period we found that he is very punctual and taking keen interest in his assignments and we wish him all success.

For MIDAS PRECURED TREADS PVT LTD.

  
AUTHORISED SIGNATORY



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



**DEVON**

**Devon Foods Limited**

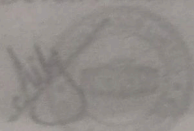
5772 Industrial Estate  
Ettumanoor RD, Kottayam-686 623  
Tel No. +91 481 253725, 2539781, 2039  
E-mail: info@devonfood.com

27<sup>th</sup> July 2024

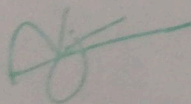
TO WHOMSOEVER IT MAY CONCERN

This is to certify that ABHUTH BAIJU, student of MANGALAM COLLEGE OF ENGINEERING has successfully completed internship program on "HUMAN RESOURCE" offered by DEVON FOODS LTD from 20.05.2024 to 03.07.2024.

For Devon Foods Ltd,



Authorized Signatory



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

**DEVON**

**Devon Foods Limited**  
5/732 Industrial Estate  
Ettumanoor P.O., Kottayam-686 631  
Tel.No : 91 481 2539720, 2539730, 2539  
E-mail: info@devonfood.com

23<sup>rd</sup> July 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that ABHJITH BAJU, student of MANGALAM COLLEGE OF ENGINEERING has successfully completed internship program on "HUMAN RESOURCE" offered by DEVON FOODS LTD from 20.05.2024 to 03.07.2024.

For Devon Foods Ltd,



Authorized Signatory



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



28/08/2024

**OFFLINE INTERNSHIP COMPLETION CERTIFICATE**

This is to certify that Mr. BLIITH KRISHNA P B (Reg. No - MLM23MBA36) (Hedge ID - HSAE006110) from MANGALAM COLLAGE has successfully completed his Internship program at Hedge Equities Ltd., Cochin from 20/05/2024 to 05/07/2024 in the topic "ORGANISATIONAL STUDY". During the Internship program, he was exposed to the various activities of our Human Resource Department.

During the Internship program BLIITH KRISHNA P B demonstrated interpersonal and communication skills. His performance exceeded expectations and he was able to complete the program successfully on time.

We at Hedge Equities Ltd., wish him all the very best in his future endeavors.

For Hedge Equities Ltd.

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



Authorised Signatory

CIN : U65990MH2007PLC176866

**Hedge Equities Limited**

REGISTERED OFFICE :  
B 302 Trade Square, Mehra Compound, Near DSK Madhuban, Sakinaka Kuria Road, Andheri East, Mumbai - 400 072, Tel: 90725 90273  
CORPORATE OFFICE : Hedge House, Mamankulam, Kochi - 682025, Kerala, India | Tel: 0484 6130400, Mob: 93493 12345  
Email: info@hedgegroup.in | Website: www.hedgeequities.com

TO WHOM IT MAY CONCERN

20 JULY 2024

This is to certify that Mr. Colin Joe Sebastian student of MANGALAM COLLEGE OF ENGINEERING, Ettumanoor has successfully completed his Internship in the Human Resource Department at Radars Private Limited, Kochi from 25.05.2024 to 20.07.2024 with reference to the partial fulfillment of the requirements of the Master of Business Administration Program.

We appreciate the dedication and hard work exhibited by Colin Joe Sebastian and we wish him the very best in all his future endeavors.

Kindly contact us for further information or clarification regarding his internship experience.

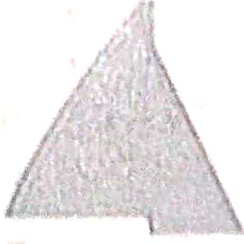
Sincerely,



Athira Geetha  
HR and CEO  
Radars Pvt Ltd



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



# Praga Marine Pvt. Ltd

CINEMAL INDUSTRIAL ESTATE, ARDOR PO, ALAPPUZZHA, KERALA 688534  
PHONE: 0475 2872350 FAX: 0475 2873313, GST. No. 32AABCP36160127

Date : 19.7.2024

## Certificate

This is to certify that Mr. Milton Second semester MBA student of Mangalam college of Engineering Ettumanoor Kottayam he has been successfully completed internship in our company during the period from 10.06.2024 to 19.7.2024 as part of his curriculum he was found to be hard work and sincere his studies.

Thanking you

Yours faithfully



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

Dileep Rajan  
Manager  
Praga Marine Pvt Ltd

Reg. Co. 21450 J. P. 100/2014 BACE COURSE  
10/03/2014 14:01:17 2142/2014B 1/2014

# THE PLANTATION CORPORATION OF KERALA LTD

(A GOVERNMENT OF KERALA UNDERTAKING)  
REGISTERED OFFICE: KOTTAYAM, PIN CODE: KERALA

AN ISO 9001:2015 CERTIFIED COMPANY

No: P&A/F/ 1632



20.07.2024

## CERTIFICATE

This is to certify that Mr. Yadhukrishna B (Reg No.MLM23MBA116), MBA student of Department of Management Studies, Mangalam College of Engineering, Kottayam has underwent and successfully completed an Internship Program in Human Recourse Department of Plantation Corporation of Kerala Ltd, Kottayam from 01.06.2024 to 16.07.2024 as a part of fulfilment of his MBA curriculum.

We wish all success in his future endeavours.

For The Plantation Corporation of Kerala LTD.

  
MANAGER (P&A)



OFFICE OF THE  
MANAGER (P&A) KOTTAYAM



Phone: 0481-257581, 0481-257582, 0481-257583, 0481-257584, FAX: 0481-257515, 257516, 257517, 257518, 257519, 257520, 257521, 257522, 257523, 257524, 257525, 257526, 257527, 257528, 257529, 257530, 257531, 257532, 257533, 257534, 257535, 257536, 257537, 257538, 257539, 257540, 257541, 257542, 257543, 257544, 257545, 257546, 257547, 257548, 257549, 257550, 257551, 257552, 257553, 257554, 257555, 257556, 257557, 257558, 257559, 257560, 257561, 257562, 257563, 257564, 257565, 257566, 257567, 257568, 257569, 257570, 257571, 257572, 257573, 257574, 257575, 257576, 257577, 257578, 257579, 257580, 257581, 257582, 257583, 257584, 257585, 257586, 257587, 257588, 257589, 257590, 257591, 257592, 257593, 257594, 257595, 257596, 257597, 257598, 257599, 257600



MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

कोचीन शिपयार्ड लिमिटेड

(भारत सरकार की कंपनी) विधिवत केन्द्रित, सार्वजनिक और शिपयार्ड और जहाजों के रखरखाव)



COCHIN SHIPYARD LIMITED

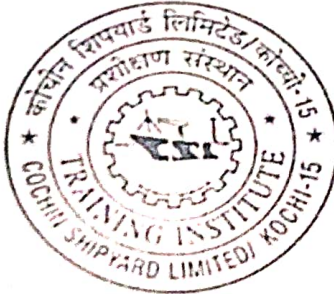
(A Government of India Company) Ministry (Shipping Ministry of Ports, Shipping and Waterways)

## CERTIFICATE

No. TRG/030/2474(1)/2024-2630

03 July 2024

1. Name of Student : ADITHYAN K S
2. Course & Branch of Study : MBA
3. College Name : Mangalam College of Engineering
4. Nature of Training : Internship
5. Period of Training : 20.05.2024 to 03.07.2024
6. Leave Taken : Nil
7. Department/s of Training : Finance, Safety & Training Institute
8. Conduct / Performance : Good



  
A Vetrissivan

Deputy General Manager (Trg., SD & METI)

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

पंजीकृत कार्यालय : प्रशासनिक भवन, पी.ओ.बैग नं 1653, परुमानोर पी.ओ., कोची- 682 015  
Registered Office: Administrative Building, P.O. Bag No. 1653, Perumanoor P.O., Kochi - 682 015  
फोन / Phone : +91(484) 2501492/2501359 फैक्स / Fax : +91 (484) 2370897  
वेबसाइट / Website : www.cochinshipyard.in साइट / CIN : L53032KL1972GOI002414  
ई-मेल / E-mail : trainingofficer@cochinshipyard.in



Navodaya Junction  
Thengode, Edachira Rd  
Kakkanad, Kochi  
Website: [www.caminoconstruction.com](http://www.caminoconstruction.com)

---

## CERTIFICATE OF COMPLETION

Certified that CHRISTINA SARA ALEX student of MANGALAM COLLEGE OF ENGINEERING has successfully completed Internship program on "HUMAN RESOURCES" offered by CAMINO CONSTRUCTORS AND DEVELOPERS from 20.05.2024 to 05.07.2024.



HR Manager  
Camino Constructors and Developers.

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor





D C Kizhakkemuri Edam  
Good Shepherd Street  
Kottayam 686 001  
Kerala, India

☎ 0481 2563114

✉ info@dcbooks.com

🌐 www.dcbooks.com

12<sup>th</sup> August 2024

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Ashiyamol P S student of Mangalam College of Engineering, Ettumanoor has successfully completed the internship program in Human Resource Department at DC Books, Kottayam from 10<sup>th</sup> June 2024 to 19<sup>th</sup> July 2024.

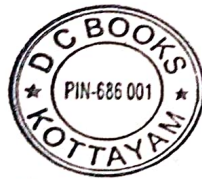
During her internship with us she was found hard working and inquisitive

We wish her all the success in her future.

For DC Books,

Fathima Thajudheen

Senior Manager-HR



PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



## KERALA STATE RUBBER CO-OPERATIVE LTD.

(Rubco Rubberised Coir Mattress Factory)

Rubco Nagar, Poolhakuzhi, P.O, Pampady, Kottayam-686 521,  
Ph: 91-481-2509257/58, 04812509295, Fax: 91-481-2509258, Toll Free No: 18004259295  
E-mail: info@rubcomail.com, www.rubcogroup.com



RUB/RCM/P&A/TPER-02/292-A/85


05.07.2024

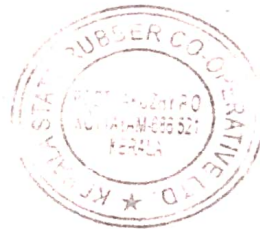
### CERTIFICATE

This is to certify that Ms.SURABHLS., Reg.No.MLM23MBA112, MBA Student of Department Of Management Studies Mangalam College of Engineering Kottayam, has undergone Internship Programme as a part of her curriculum, at our Rubberised Coir Mattress Division during the period from 20<sup>th</sup> May' 24 to 5<sup>th</sup> July '24.

During the tenure of her study, we found her attentive in her assignments.

For KERALA STATE RUBBER CO-OPERATIVE LTD.

  
P C AJITH KUMAR  
ADM. CUM PERSONNEL OFFICER



  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
ETTUMANOOR



# CERTIFICATE of excellence

This is to certify that Ms. DENAPRIYA Binu ..... has completed the internship program  
at Sensations Solutions for the role of HUMAN RESOURCE .....  
from 20/5/24 ..... to 10/7/24 .....

*We wish her/him all the best for the future endeavors.*  
For SENSATIONS SOLUTIONS



10/7/24  
DATE

[Signature]

SIGNATURE

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
ETTUMANOOR



El Sol Power Solutions Pvt Ltd  
Kackanatto Building,  
Mathameola  
Changanacherry, Kottayam  
Ph: 9544065924, 9446379203  
el@el-sol.com | hr@el-sol.com  
www.el-sol.com

20/07/2024  
Changanacherry

### CERTIFICATE OF INTERNSHIP

This is to certify that Ms. Linamol Sahu (MLM23MBA63) the second year MBA student of MANGALAM COLLEGE OF ENGINEERING ,ETTUMANOOR KERALA had successfully completed 45 days internship in our firm , during the period between 20<sup>th</sup> May 2024 to 13<sup>th</sup> July 2024 ,

During the internship ,we found her character and conduct to be good .Wishing her all the very best in future endeavors.



Ms. JUBITHOMAS  
HR MANAGER

EL SOL POWER SOLUTIONS PVT LTD  
hr@el-sol.com

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



KCPMC<sup>®</sup>  
agribusiness solutions..l

## CERTIFICATE OF INTERNSHIP

This is to certify that Joice P. Shibu (Reg. No: MLM23MBA55), a student of the Master of Business Administration program at Mangalam College of Engineering, Ettumanoor, has successfully completed an internship program with our organization.

The internship was conducted over a period of 45 days, commencing on **20th May 2024** and concluding on **5th July 2024**.

During this tenure, Mr. Joice consistently demonstrated initiative, enthusiasm, and a proactive approach to his work. He actively engaged in all assigned responsibilities and a strong commitment to excellence in his chosen field.

We wish him continued success in his academic journey and future professional endeavours.

Authorised Signatory

Boban P Mani

Thekkady

20 Nov 2024



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MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

MANGALAM COLLEGE OF ENGINEERING

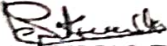
DEPARTMENT OF CIVIL ENGINEERING

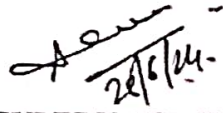
MAY 2024

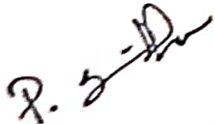



**CERTIFICATE**


This is to certify that the dissertation project report titled "EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF FINE AGGREGATE IN CONCRETE BY WASTE TYRE RUBBER AND CEMENT BY FLY ASH" is a bonafide record of the work done by Mr. AJITH THOMAS (MLM22CESC01), M.Tech in Structural Engineering and Construction Management towards the partial fulfillment of the requirements for the award of the DEGREE OF MASTER OF TECHNOLOGY by APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, during the academic year 2023 - 24.

  
DISSERTATION GUIDE  
Prof. Reni Kuruvilla  
Assistant Professor

  
EXTERNAL SUPERVISOR(S)  
EXAMINER

  
DISSERTATION COORDINATOR  
Dr. P Swaminathan  
Associate Professor

  
HEAD OF THE DEPARTMENT  
Dr. D. Ramesh Kumar  
Professor

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

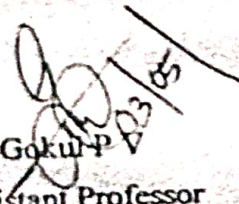


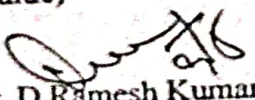
DEPARTMENT OF CIVIL ENGINEERING  
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR




CERTIFICATE

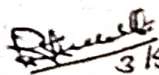
This is to certify that the report entitled 'EXPERIMENTAL STUDY ON THE BEHAVIOR OF ONE PART GEOPOLYMER CONCRETE USING NATURAL BINDERS AND ACTIVATORS' submitted by AJAY PRAKASH, DEVIKA BALAKRISHNAN, JISHNU S NAIR to the APJ Abdul Kalam Technological University in partial fulfillment to the requirements for the award for the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

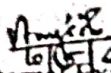
  
Mr. Gokul P  
Assistant Professor  
(Guide)

  
Dr. D Ramesh Kumar  
Head of the Department

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



  
3/5/24  
Ms. Reni Kuruvilla  
Assistant Professor  
(Project Coordinator)


  
6/5/24  
External Examiner

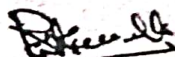
DEPARTMENT OF CIVIL ENGINEERING MANGALAM  
COLLEGE OF ENGINEERING, ETTUMANOOR




CERTIFICATE


This is to certify that the report entitled 'A NOVEL LIGHTWEIGHT CONCRETE BLOCK MADE WITH CENOSPHERE, METAKAOLIN AND COAL BOTTOM ASH AGGREGATE - STUDY ON STRENGTH AND DURABILITY PROPERTIES' submitted by 'ALTHAF T A, ABHINAV ANANDAN, CHRISTIN JOSE, GANGA RADHAKRISHNAN' to the APJ Abdul Kalam Technological University in partial fulfillment to the requirements for the award for the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

  
Mr. Sankar B  
Asst. Professor  
(Project Guide)

  
Mrs. Reni Kuruvilla  
Asst. Professor  
(Project coordinator)

  
Dr. D Ramesh Kumar  
Head of the Department



  
8/12/24  
External Examiner

MANGALAM COLLEGE OF ENGINEERING  
ETTUMANOOR

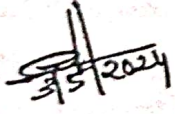



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MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR

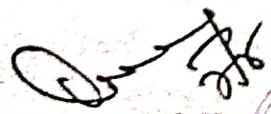


CERTIFICATE

This is to certify that the report entitled "UTILIZATION OF WASTE POLYTHENE IN BITUMEN" is the authentic record of the seminar presented by LAKSHMI P BIJU, MIDHILA PRADEEP, MILAN MR, MUHAMMED ANEES, in the partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering of APJ Abdul Kalam Technological University. This report in any form has not been submitted to any other University or Institute for any purpose.


  
Ms. Asha Jose  
Assistant Professor  
(Project Guide)

  
Ms. Geethu Lal  
Assistant Professor  
(Project Coordinator)

  
Dr. D Ramesh Kumar  
(Head of Department)

  
External Examiner



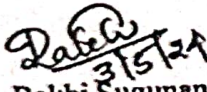
  
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MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor

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OF ENGINEERING, ETTUMANOOR




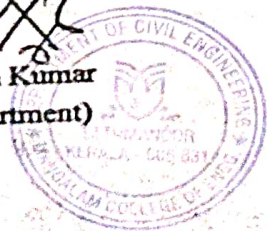
CERTIFICATE

This is to certify that the report entitled '**STUDY OF SAWDUST AND QUARTZ SAND IN PAVEMENT CONSTRUCTION**' submitted by, '**AISWARYA GIRISH**', '**MIDHUN MENON**', '**PARVATHY P BIJU**', '**THOMAS KURIEN**', to the APJ Abdul Kalam Technological University in partial fulfillment to the requirements for the award for the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose

  
3/5/24  
Ms. Rakhi Suguman  
Assistant Professor  
(Guide)

  
Ms. Geethu Lal  
Assistant Professor  
(Project Coordinator)

  
Dr. D. Bamesh Kumar  
(Head of Department)



  
3/5/24  
External Examiner


  
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MANGALAM COLLEGE OF ENGINEERING  
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ENGINEERING, ETTUMANOOR

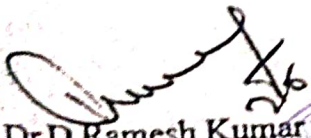


CERTIFICATE

This is to certify that the report entitled "EXPERIMENTAL STUDY OF BITUMINOUS MIXTURE USING BAKELITE POWDER AND SYNTHETIC NITRILE RUBBER POWDER" is the authentic record of the seminar presented by 'MAHIMA MANOJ, MEGHA JOSHI, NANDANA P, VASUDEV P KUMAR', in the partial fulfilment of the requirements for the award of the Degree of Bachelor of Technology in Civil Engineering of APJ Abdul Kalam Technological University. This report in any form has not been submitted to any other University or Institute for any purpose.

  
Ms. Aksharamol G Raj  
Assistant Professor  
(Project Guide)

  
Ms. Geethu Lal  
Assistant Professor  
(project Coordinator)

  
Dr.D Ramesh Kumar  
(Head of Department)



  
External examiner

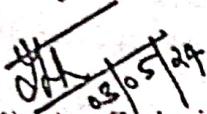
  
PRINCIPAL,  
MANGALAM COLLEGE OF ENGINEERING,  
Ettumanoor

DEPARTMENT OF CIVIL ENGINEERING  
MANGALAM COLLEGE OF ENGINEERING, ETTUMANOOR



CERTIFICATE

This is to certify that the report entitled 'GUAR GUM, GELLAN GUM BIOPOLYMER SOIL STABILIZATION' submitted by 'ADHUL DEV MADHU', 'ANUSHA S', 'DEVIKA USHA S', 'HARIKRISHNA P R', to the APJ Abdul Kalam Technological University in partial fulfillment to the requirement for the award for the Degree of Bachelor of Technology in Civil Engineering is a bonafide record of the project work carried out by him/her under my/our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

  
05/05/24

Ms. Mita Ann Zachariah

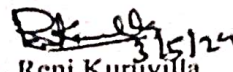
(Guide)



Dr. D Ramesh Kumar

(Head of Department)



  
3/5/24

Ms. Reni Kuruvilla

(Project Coordinator)

  
07/05/24  
External Examiner

  
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DEPARTMENT OF CIVIL ENGINEERING

MAY 2024



**CERTIFICATE**

This is to certify that the dissertation project report titled "COMPARATIVE STUDY ON THE PERFORMANCE OF ONE PART AND TWO PART GEOPOLYMER CONCRETE" is a bonafide record of the work done by Mrs. SETHULAKSHIMI B L (MLM22CESC06), M.Tech in Structural Engineering and Construction Management towards the partial fulfillment of the requirements for the award of the DEGREE OF MASTER OF TECHNOLOGY by APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, during the academic year 2023 - 24.


  
DISSERTATION GUIDE

Prof. Gokul P V

Assistant Professor

  
EXTERNAL SUPERVISOR(S)  
EXAMINER

  
DISSERTATION COORDINATOR

  
HEAD OF THE DEPARTMENT

Dr. D. Ramesh Kumar

  
PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor



**MANGALAM COLLEGE OF ENGINEERING  
DEPARTMENT OF CIVIL ENGINEERING  
MAY 2024**



**CERTIFICATE**

This is to certify that the dissertation report project titled "STUDY ON RUBBERIZED GEOPOLYMER CONCRETE" is a bonafide record of the work done by Mr. JISS DOMINIC (MLM22CESC03), M.Tech in Structural Engineering and Construction Management towards the partial fulfilment of the requirement for the award of the DEGREE OF MASTER OF TECHNOLOGY by APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY, during the academic year 2023-24.

**DISSERTATION GUIDE**

**Ms. Salini Theres N Kurian**

**Assistant Professor**

**Department of CE**

**DISSERTATION COORDINATOR**

**Dr. P. Swaminathan**

**Associate Professor**

**Department of CE**

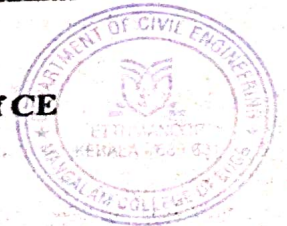
**EXTERNAL SUPERVISOR(S)  
EXAMINER**

**HEAD OF THE DEPARTMENT**

**Dr. D. Ramesh Kumar**

**Professor**

**Department of CE**



**PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor**



**OFFICE OF THE EXECUTIVE ENGINEER**

**LID & EW DIVISION IDUKKI, PAINAVU PIN: 685603**

Email: [ecisgdiddk@gmail.com](mailto:ecisgdiddk@gmail.com)

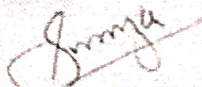
Phone: 04862 232402

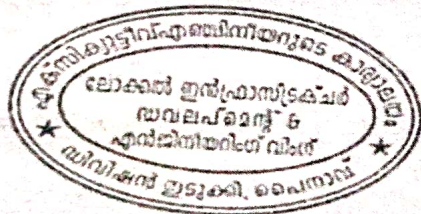
**CERTIFICATE OF INTERNSHIP**

This Internship Program Certificate is proudly awarded to Kum. Akshaya Biju of S6 CE A ).Mangalam College of Engineering, Ettumanoor for her outstanding completion of the Compulsory Internship Program at LID & EW Division, Idukki from 2024 February 22 to February 24. ( 3 days)

Idukki

21/05/2024

  
**EXECUTIVE ENGINEER**  
**EXECUTIVE ENGINEER**  
Local Infra Structure Development &  
Engineering Wing  
Division, Idukki.



  
**PRINCIPAL**  
**MANGALAM COLLEGE OF ENGINEERING**  
Ettumanoor

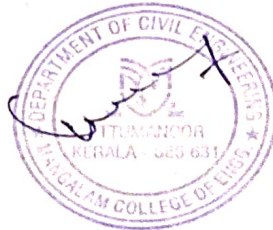
Date: 19-02-2024

To Whom So Ever It May Concern

This is to certify that Mr. Litto KM , of B Tech Civil Engineering 6<sup>th</sup> semester, 2021 -2025 Batch of Mangalam College of Engineering, Kottayam has successfully completed his Internship Training from 2024 February 16<sup>th</sup> to 19<sup>th</sup> days. The Internship was undertaken by him at our construction site. I hereby certify that his performance is satisfactory to the best of our knowledge. During the training period, he has taken initiative in following the procedures in a Hospital building construction work.

Yours Sincerely  
For Nibraz Builders And Developers Private Ltd  
Chairman & Director  
Managing Director  
Nibraz Builders & Developers Pvt Ltd

PRINCIPAL  
MANGALAM COLLEGE OF ENGINEERING  
Ettumanoor





TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Amalu Lenin, Ms. Harsha Hareesh, Ms. Greeshama Raveendran, Ms. Besty Jose S2 students from Civil Dept, Mangalam college of Engineering, Ettumanoor has successfully completed their internship at Elcastillo Pvt Ltd from 21<sup>st</sup> February 2024 to 25<sup>th</sup> February 2024.


During this period, they have acquired sufficient knowledge and skill in their field of expertise; they are having good exposure, initiative and positive attitude towards the completion of internship.

We wish them all the best in their future endeavors



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Ettumanoor



  
(Managing Director)