

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai) UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi Accredited with 'A+' grade by NAAC An ISO 9001:2015 Certified Institution Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956 Trichy – Pudukkottai Road, Tiruchirappalli – 620 007. Phone:0431-2660 303 Website:www.miet.edu, E-mail:principalengg@miet.edu, contact@miet.edu



7.2.1 Describe two best practices successfully implemented by the Institution as per

NAAC format provided in the Manual.

Index

S.No.	Description	Page no.
1	Best practice -1 (ERP screen shot)	2-20
1.	ERP Bill	21-22
2.	Best practice -2 backup documents	23-79

1 PRINCIPAL M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.



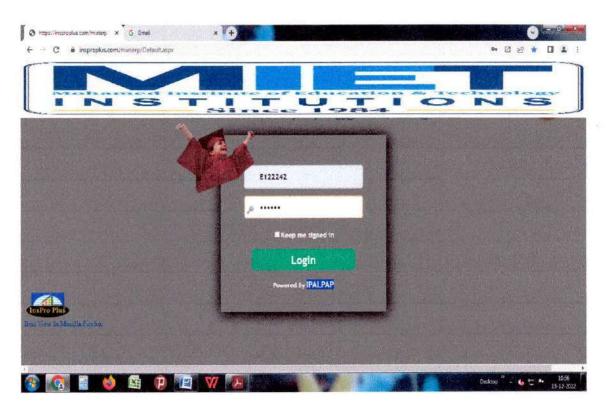
M.I.E.T. ENGINEERING COLLEGE (Approved by AICTE, New Dethi, Affiliated to Anna University, Cherinai) UG - C SE, EEE & MECH Programs Accredited by NBA, New Defni Accredited with 'A+' grade by NAAC An ISO 9001:2015 Certified Institution Recognized by UGC under section 2(1) & 12(B) of UGC Act, 1966 Trichy – Pudekkotta Road, Triuchirappalli – 620 007. Phone:0451-2860 303 Website:www.miet.edu, E-malf:principalengn@miet.edu, contact@miet.edu



BEST PRACTICE -1

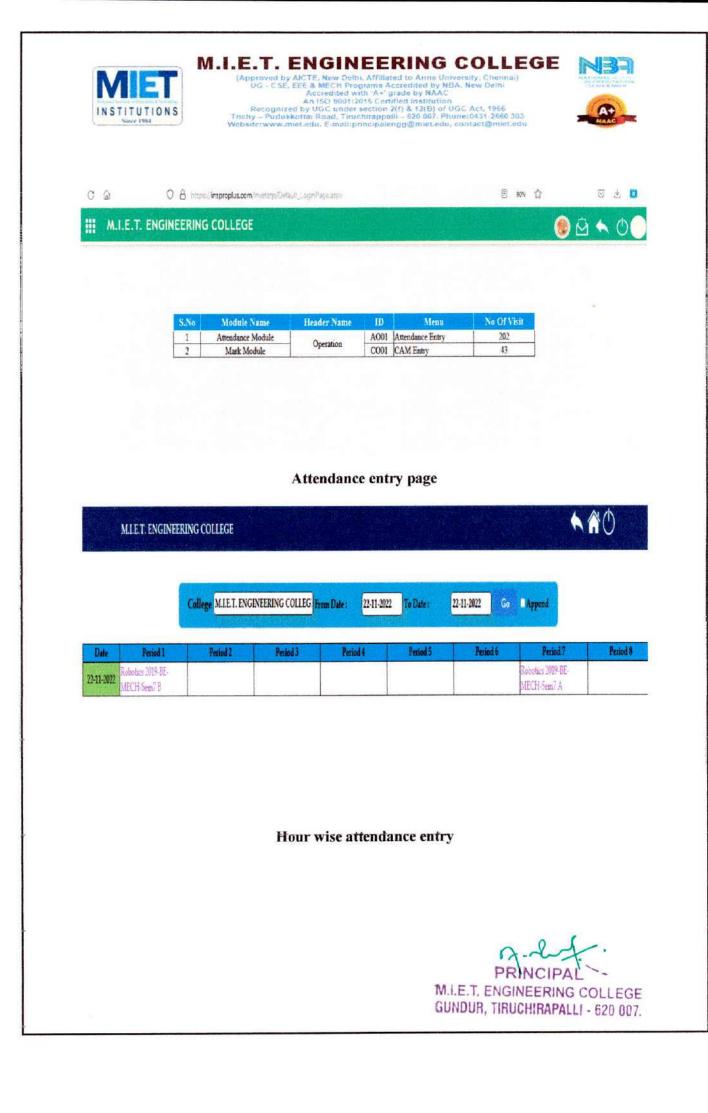
Title: All academic processes of the institution are digitized and managed through the Enterprise Resource Planning (ERP) software.

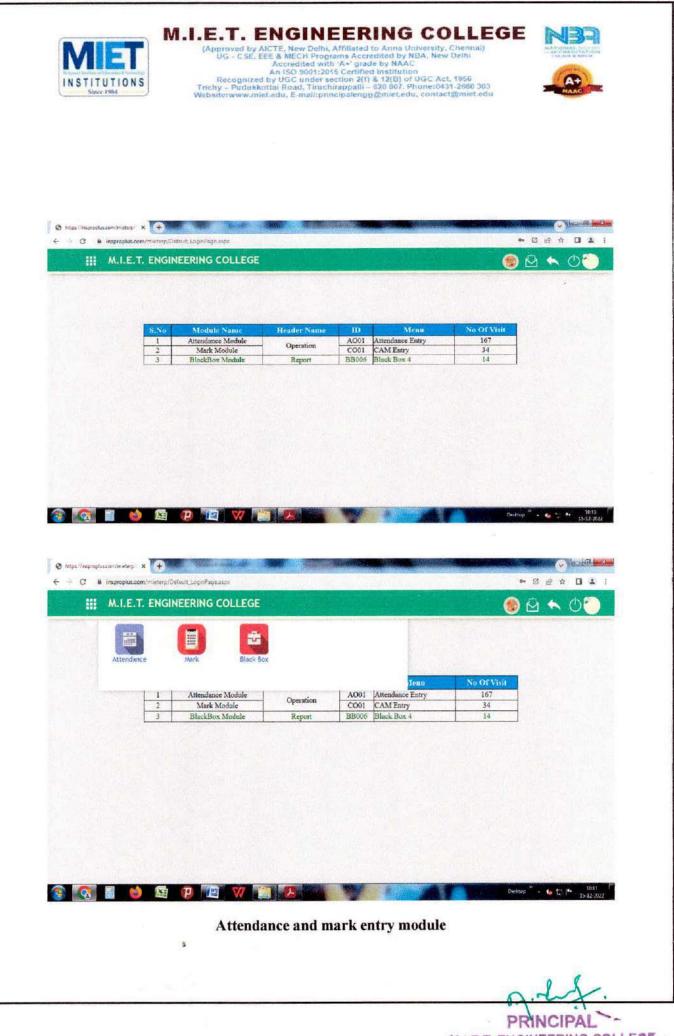
The ERP system includes students attendance, daily absentees report with attendance percentage, assessment details including results and reports, faculty follow-up, etc.

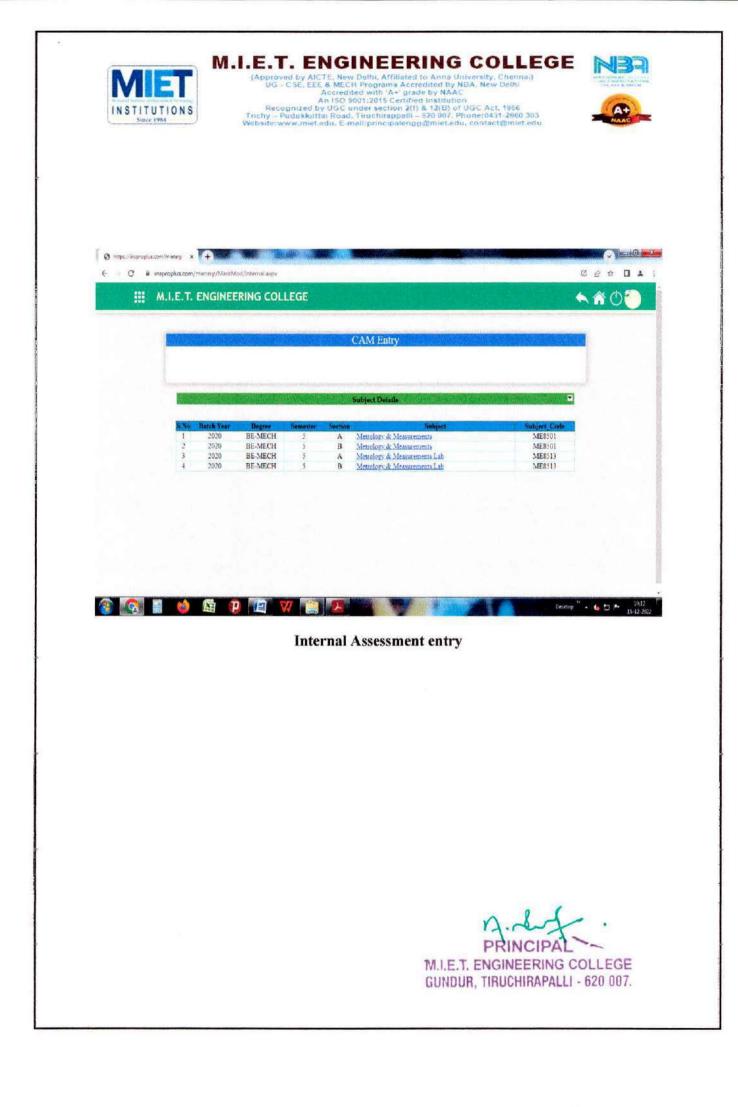


Screenshot of ERP login

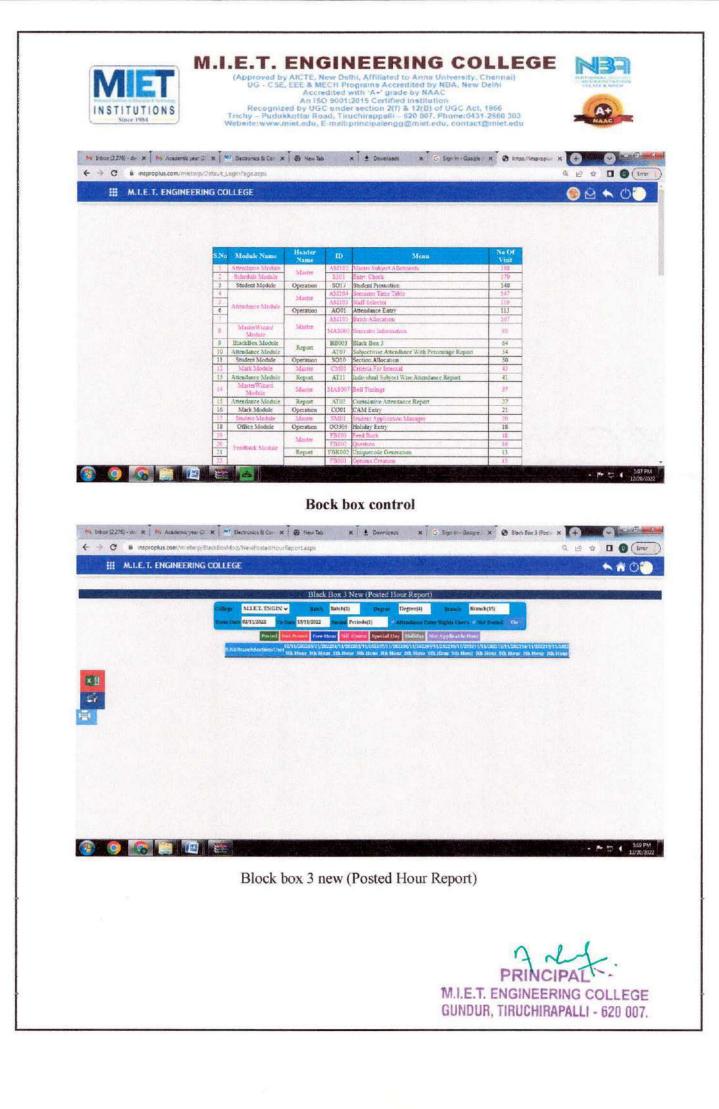
PR PAL M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.



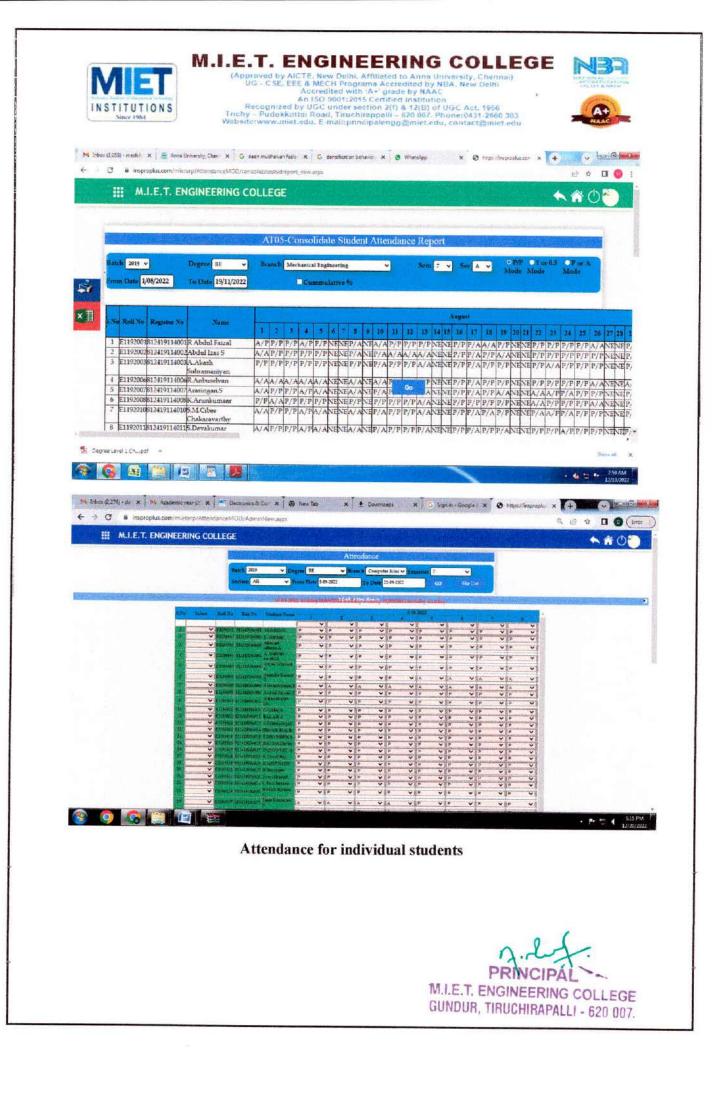




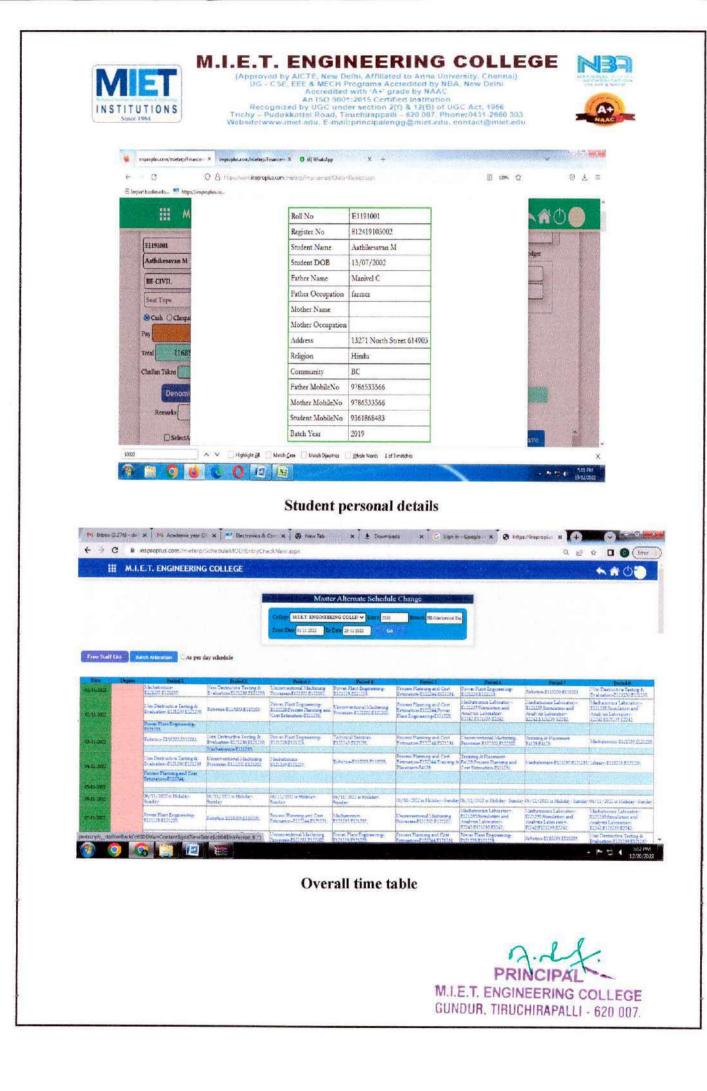
.

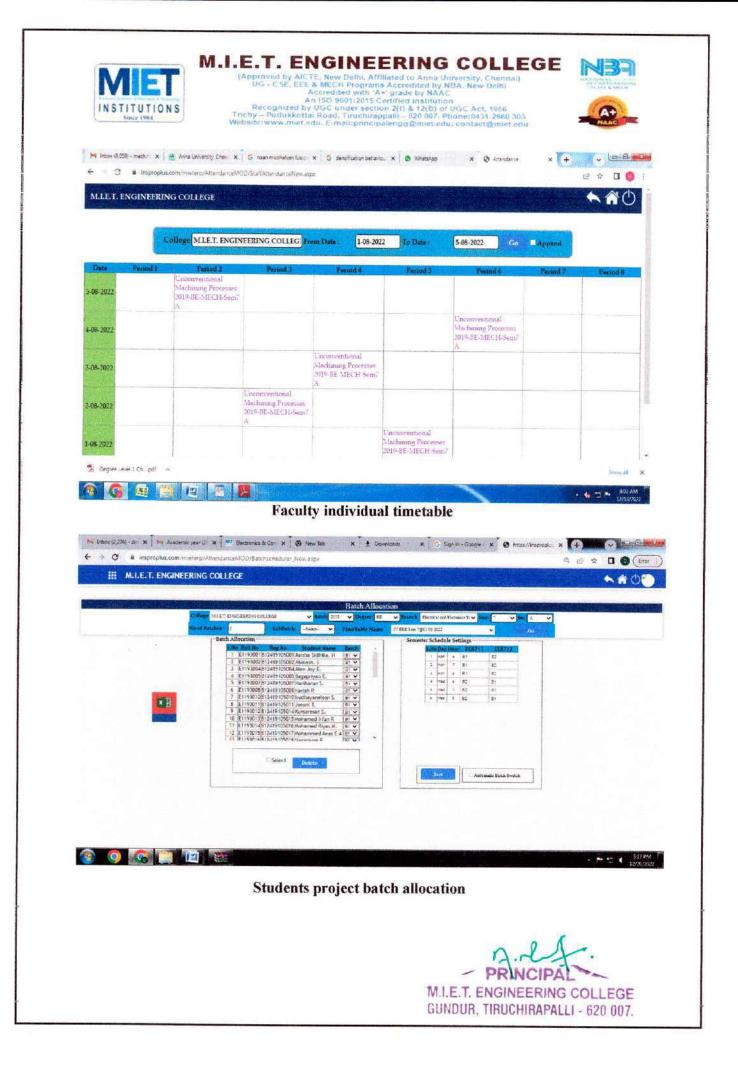






N MIET INSTITUTIONS MIRCY 1994	I.I.E.T. ENGINEERING COLLEGE (Approved by AICTE, New Delhi, Affiliated to Anna University, Chemia); US - CSE, EEE & MECH Programs Accredited by NBA, New Delhi Accredited with 'A+' grade by NAAC An ISO 9001:2015 Certified Institution Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956 Thehy - Pudukkotta Road, Thuchirappalii - 520 007. Phone:0431:2860 303 Website:www.miet.edu, E-mail:principalengg@miet.edu, contact@miet.edu
M Inter 2058) - medit × ▲ Anna Universit ← C ▲ Insproplus.com/mieterp/M/ ₩ M.I.E.T. ENGIN	
NO. TO	CR36 - Consolidated Subject Wise Report
	Class Roll.No Reg.No Student Name Model Exam
1 2 3 4 5 6 6 7 8 8 9 10	E1192001 612419114001 R. Abdul Fatzal 80 E1192002 612419114002 Abdul Fatzal 80 E1192003 612419114003 Adkak Subramaniyan 28 E1192006 812419114005 R. Anbuselvan AAA E1192007 612419114005 R. Anbuselvan AAA E1192008 812419114005 R. Anbuselvan AAA E1192008 812419114008 K. Aurukummair 11 E1192008 812419114008 S.M. Clibee Chaliaravarthy 0 E1192010 812419114010 S.M. Clibee Chaliaravarthy 0 E1192012 812419114011 S.Devalaumar 1 E1192012 812419114013 Diresh. 5 15 E1192013 812419114013 Diresh. 5 15
Degree Land i Chpdf	The second secon
 M Broom (2.27%) - de x Media Academic year (2). ← → C @ inagroplus.com//mietorp/A Ⅲ M.I.E.T. ENGINEERING 	ttendanceMOD/StudentSubjectAllotmentange
	Mark Reg.Ne Descention Mark Descention Descention <thdescention< th=""> Descention</thdescention<>
3 0 6 2 1	Master subject allotment
	M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.

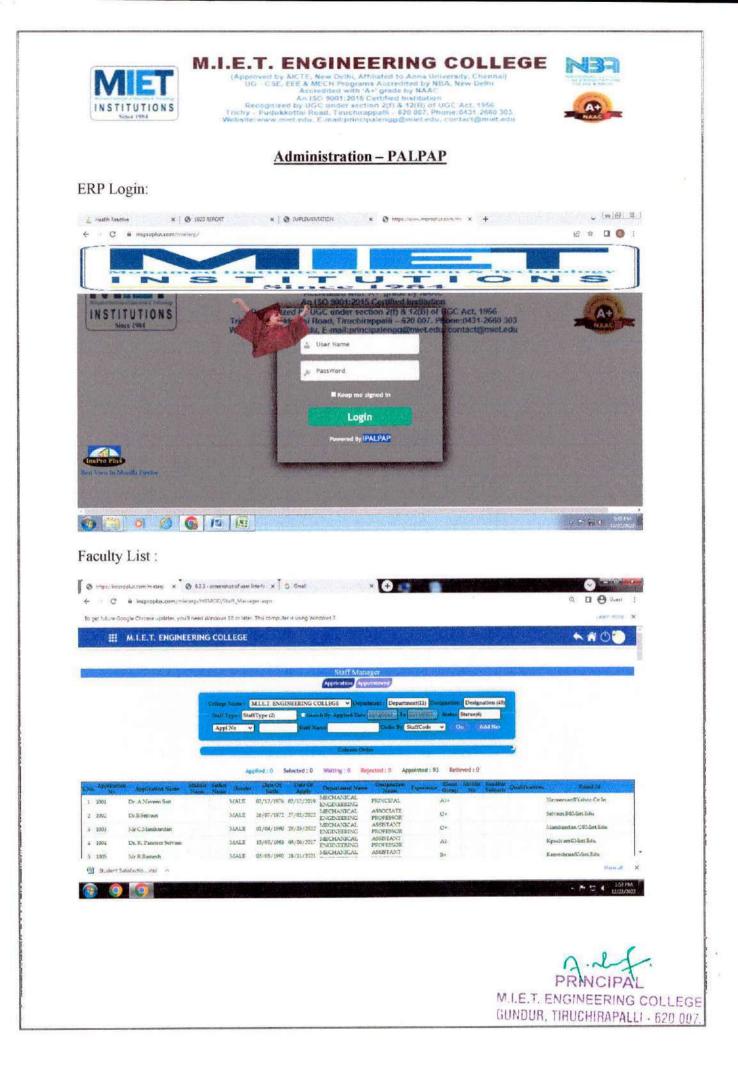


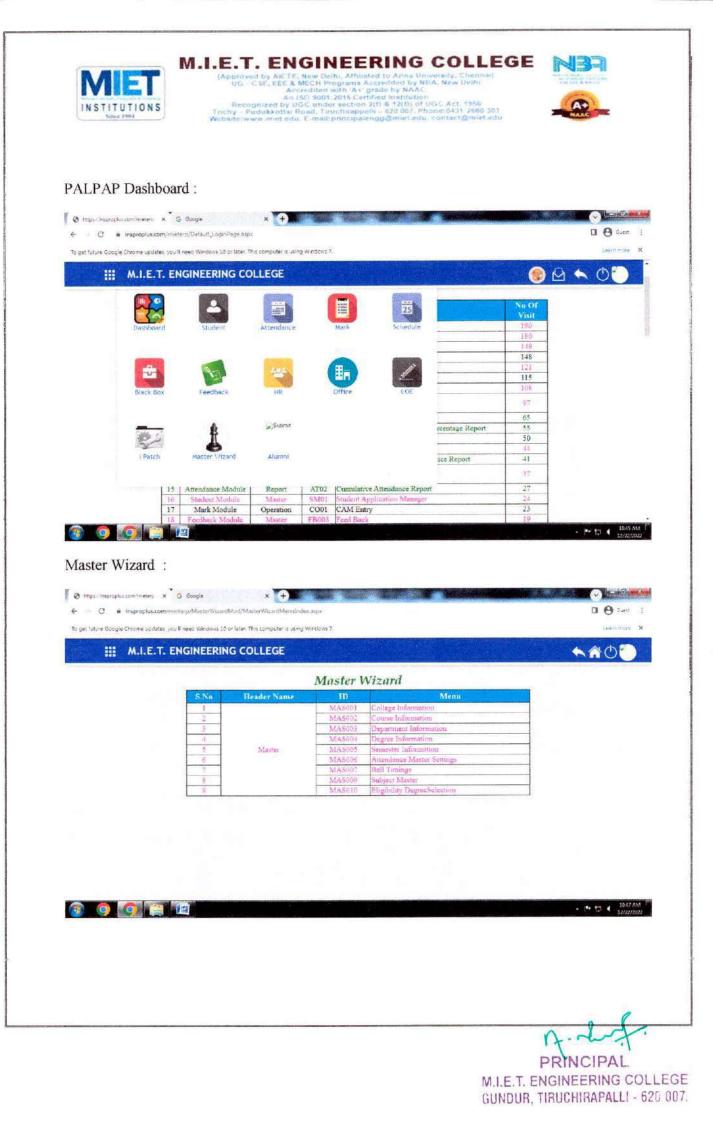


		. EN									GE			5=1
MET	UG	ed by AICTE CSE, EEE &	MECH Pro	nii, Ar	s Accr	editer	na by	NDA. N	ew De	ennai)			ELEN.	
		Ac	credited y	with A	+' gras	te by	NAA	C					-	
INSTITUTIONS	Reco	gnized by U	50 9001: GC up/fe						A	226			Stores	N
Since 1984	Trichy - P	udukkottai ł	Toad, Tinu	chira	- tilaga	670 0	307. 1	Phone:	0431-2	660 303			(A+	2
- Just Lint	Website:w	ww.miet.edu	. E-mailisp	princly	atenge	m	et.ed	tu, con	tact回:	miet.ed	12		NAAG	Contraction of the local division of the loc
China and the Decision of the Constraint of the			ettien tiden in server				-							and instant
M Inbax (2.276) - dn 🗙 Mi Academic year (21)	× Bectronics & C	Col X 🗿 Hen	tab 🤉	K ±	Downloads	*	(G	Sign in - G	Socole / W	e 🖉 http	ps://insproplu	× +		Manufelan
← → C ■ inspropius.com/mieterp/A	tendanceMOD/Studer	ntSubjectABotmen	Laspx			11-1-1						a v	÷ E	B Error
	and the second second	and the second second	Contraction of	VIERAL	-		-	ALC: NO		and the second	and the second	in the second	-	
M.I.E.T. ENGINEERING	COLLEGE												- -	1 O O
		U TA HOAD AND				11							OTTO NO.	
	Det count of the lower	and the support the second	Masier	Subject	Allohue		-	COLUMN TO		Sections.				
	Summer ENGO		and the second s	Degree	BE	~1	Brand	- (c) (c)	Engineering					
	Sent T	w lac	And in case of the local division of the loc	Tops	Type(2)	-	pabie		and the second se					
				1000	a share)	-	No.	an public	मन					
	Statch Br Adarba	aida No 🖌								Go				
	Sabrer Tiles	ands writer and block 7	Rell Time	Deniart		in a line		NODEL B						
	Subject Filter	anch vitike Radbjoet T	vpr Full Time	Project	√ [sm	iest PRO	OFECT	WORK - RA		44				
	Subject Tillion Se	and vriae Embjort 7	vpr Full Time	Project	∨ Sai	test PRO	OFET	WORK - RA						
	Subject Filler	atch villar em Whie	vyer Full Time Creation	telect	v jsat	tect (PRO	ојяст	WOEK - RA						
	Subject Filler		Vpr Full Time Crasps and January Physics	telent	v jsni	Corpos	DIECT	WORK - RA						
	-	Arch Serline Radbyoer 7 em Serline Radbyoer 7 Biddent Frame	Vpr Full Time Creetin Interest Pryot	Catholic Services	-	Gere PRO	DIECT N	MORE - RA		Annual In Second				
	-		Vpr Full Time Creation Rate Damage Damage CAuthin South South South Rates Rates	Troject Troject Deservis Security Security Charts	-	Gorge Restance Design Of State	LANK-	WOER - RA						
	-		Vyer Fall Time Creeter Set Payer Payer South or South or	Catholic Services	-	Gree Rooking Design Of Sites	Lang-	WORK - RA		Annual In Second				
	ENCERTISC BALLEY	Bildeon Page Aphildeon an 12	Creation and Innerect Physics South	televiti Deserviti Deserviti Sentrativ Sentrativ Chartur	A Country and Notation Anglasseller Criteval	Gorge Rooting Design Of State	1400 1400 19	WORK - RA		Annual In Second				
	1 E19120 E149165000 1 E19120 E1449165000 2 E159220 E2449165000	Birdson Vigne Antideen m. 12 Antideen m. 12	Creation and Damereich CAuthin Bhipare Charta Chart	Debuster Debuster Sementer Charton	Configuration Configuration Alighteening Control	Corres Boolings Decarbo Celorithit	i Anne-	Mana Maria Suna pawar Email	Andreas Andreas Stationary Englander CEDNO	Add Donay Pr Service Cortso				
	The Rolling States Bagers 1 E1991001 States States 2 E1991002 States States 3 E1991002 States States	Beiddang Yikaan Anthéonograp Mc Bodd Panthala Ji	Cheerban and Paryout Chairing Bhate Bhithean Chairing Cha	Technick Process Semantic Calentic Calentic	Protection Constraints Constra	Corres Reading Designs OCTAN	1410	Hisosophi Sund Wester Simogrammer Extend	Andreast Advisors Mathemathemat Mathemathemathemathemathemathemathemathem	Add Domain Servicing Contrain				
	In three Ballier Bag Se Control assessments Control assessments Contr	Biddoor State Astronom in 12 Media Forsich J. Media Forsich J. Astronom in 15	Creeds and Nearest Distance David David David David Status Clarity Distance Clarity Distance Clarity Distance D	tadaurel re Trademini Semaniar				Hisestel Inni Weste Simo prevent Extent	Andreast Anterna Mathematic Mathe	And and a second				
	1.70 Ref. 20 state state state 1 R197001 R16445400000 State 2 R167002 R16445400000 State 3 R167003 R16445400000 State 4 R167004 R164454000000 State 5 R167004 R16445400000 State 4 R167004 R164450000000 State	Redent Frank Antidener in 12 Anti Persiah J. Meta Persiah J. Antideser II. Antideser II.	Creation and Anomal Charles Ch	Tedeurol Doctory Social Sectory Chartis Clarit	Contextures Contextures And And And And And And And And And And	Corres Restance Designs (ed.5%) C C C C C C C C C C C C C C C C C C C		Standball Send Water Sima pawer Erband	A V Alternor					
	Dire Dire Dire 1 Eleritititi Eleritititi Elerititititi 2 Elerititititi Eleritititititi Eleritititititi 3 Elerititititi Eleritititititititi Eleritititititititi 4 Elerititititi elerititititititititititititititititititit	Siddard Films Astrideory in 12 Noti Princip A Astrideory II Astrideory II Astrideory S Astrideory S Astrideory S Astrideory S	Creetor and Reveal Reve	Television Description Sectores Sectores Claritation C	Characteristic Characteristic Whenties Critical	Gereo Rodan Destriction Constru		Sitestaget Sing Wate Sing	Abbanh Abbanh Abbanh Abbanh Berhour Sechour CESSU D D D D D D D D D D D D D					
	1 mileton alastatomo 1 mileton alastatomo 2 mileton alastatomo 3 mileton alastatomo 3 mileton alastatomo 2 mileton alastatomo 2 mileton alastatomo 3 mileton alastatomo 4 mileton alastatomo 2 mileton alastatomo 3 mileton alastatomo 4 mileton alastatomo 1 mileton alastatomo	Biddent Plane Arthdewe en M Bedd Thristok A Held Thristok A Held Tarter IX Analteken sins Saukty Analteken sins Saukty Analteken sins	Complex and a complex of a comp	Carrier Carrier Sectoria Carrier Carri	Protection Contact and When the Anglescology	Gereo Romano Destricio Cas		Standball Send Water Sima pawer Erband	A V Alternor					
	Date Ballow Ballow Ballow 2 Etherston Anzewissenson 2 4 Etherston Anzewissenson 2	Beddent Water Antideent en 12 Antideent en 12 Antideent en Antideent en Antideent en Antideent A	Chreat- cont Name of Charling		Andrease Contact and Anglowing Anglo			Tenneration Stand Tracta Standard Tracta Standard Control Con	Abbingh Shebargh Sheb					
	Ster Restor Register 1 RETATION RELATIONSEL Relations 2 RETATION RELATIONSEL Relations 3 RETATION RELATIONSEL Relationsel 4 RETATION RELATIONSEL Relationsel 5 RETATION RELATIONSEL Relationsel 6 RELATION RELATIONSEL Relationsel 1 RELATION RELATIONSEL Relationsel	Biodean Frager Antoinean S. Most Paristo A. Kosti Kraven T. Astantohennas Kandety Vannet Astant J. Kandety Kandet J. Kandet J.	Correspondence and a constraint of the constrain		Protection Configuration Alignmention Control	Gereo Romano Destricio Cas		Standard		Add Descent of the second seco				
	Exercise Rector Register Exercise Rector Register Exercise Rector Register Exercise Rector	Biodean Diago Astholeon nn M Astholeon nn M Astholeon nn Asthole Tarson N Asthole Samuel Sachey Astroff Astanuel Diaghey Banach Alb 32 Diagola Diada B Diagnaman B	Cheering Marriego Channes Channes Bhanes Channes Bhanes Channe		Andrease Contraction Anglescolor Anglescol				A Participant	Add Denoted By Annual By Annua Annual By Annual By Annua				
	3.50 Ref. 70 Reg. 70 1 Electrony Reg. 70 2 Electrony Reg. 70 3 Electrony Reg. 70 4 Electrony Reg. 70 5 Electrony Reg. 70 6 Electrony Reg. 70 6 Electrony Reg. 70 7 Electrony Reg. 70 8 Electrony Reg. 70 9 Electrony Reg. 70 1 Electrony	Antident View Antident mit Medi Tertika J. Hedi Tertika J. Hedi Koren Ti Antidenorian Antidenorian Mand Alamd J. Kant Asht U. Kant Asht U. Kant Asht J. Kant Asht J. Kant Asht J. Kant Asht J. Kant Asht J. Kant Asht J. Kant Asht J.	Correspondence and a constraint of the constrain		Protection Configuration Alignmention Control	Corres Residence Desper- cettors C C C C C C C C C C C C C C C C C C C			Analysis Alterative Al	At an				
	Exercise Record Page 5	Redent Plane Addison on M Mode Printsh A Need Kraves R Analysis Kenner Alamod J Kenner Alamod J Kenner Ala Stadey Kenner Alamod J Kenner S Kenner S Stade S Kenner S Kenner S Kenner S	Cheering Marriego Channes Channes Bhanes Channes Bhanes Channe			Corres Realizing Deservices Corres Co		Stanutest Frind Trate Stang rower Event C C C C C C C C C C C C C C C C C C C	Andream An Andream Andream A Andream Andream A Andream					
	3.50 Ref. 70 Reg. 70 1 Electrony Reg. 70 2 Electrony Reg. 70 3 Electrony Reg. 70 4 Electrony Reg. 70 5 Electrony Reg. 70 6 Electrony Reg. 70 6 Electrony Reg. 70 7 Electrony Reg. 70 8 Electrony Reg. 70 9 Electrony Reg. 70 1 Electrony	Redent Plane Addison on M Mode Printsh A Need Kraves R Analysis Kenner Alamod J Kenner Alamod J Kenner Ala Stadey Kenner Alamod J Kenner S Kenner S Stade S Kenner S Kenner S Kenner S	Cheedy and Janeedy Busine Busi						Radiumy Alignety Stations Represented CONTRACTOR Stations Represented CONTRACTOR Stations Represented Represented Stations Represented Stations Represented Stations Represented Stations Represented Stations Represented Stations Represented Stations Represented Stations Represented Stations Represented Stations Represented Stations Represented Stations Represented Stations Represented Stations Represented Stations Represented Stations Represented Stations Represented Stations Represented Stations Represented Represented Stations Represented Stations					
	Exercise Record Page 5	Biodeser Pices Articlesere M Mold Perchols A Hold Erected A Hold Renter II Antholeceres National A Waret Alanda A Waret Aland J Dogsaha Dalas B Jornans 5 Bioleana 5 Bioleana 5 Staff Irenan A Safer Irena A	Oreside James of the second se		Construction Const			January Intel National Stangarware C C C C C C C C C C C C C C C C C C C	Andream An Andream Andream A Andream Andream A Andream					
	200 200 200 200 200 200 200 200 200	Biodeser Pices Articlesere M Mold Perchols A Hold Erected A Hold Renter II Antholeceres Natholec	Creation and Arbust Balanta Balanta Common C		Proteinerse Characteristic Manualise Consultation Manualise Consultation Consultati				Amburgh Amburgh Sherborg Englisher Amburgh Amb					
	200 200 200 200 200 200 200 200 200	Biodeser Pices Articlesere M Mold Perchols A Hold Erected A Hold Renter II Antholeceres Natholec	Creation and Arbust Balanta Balanta Common C		Proteinerse Characteristic Whentier Construction Whentier Construction				Amburgh Amburgh Sherborg Englisher Amburgh Amb					

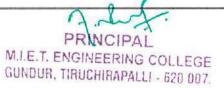
Master subject allotment

PRINCIPA M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.



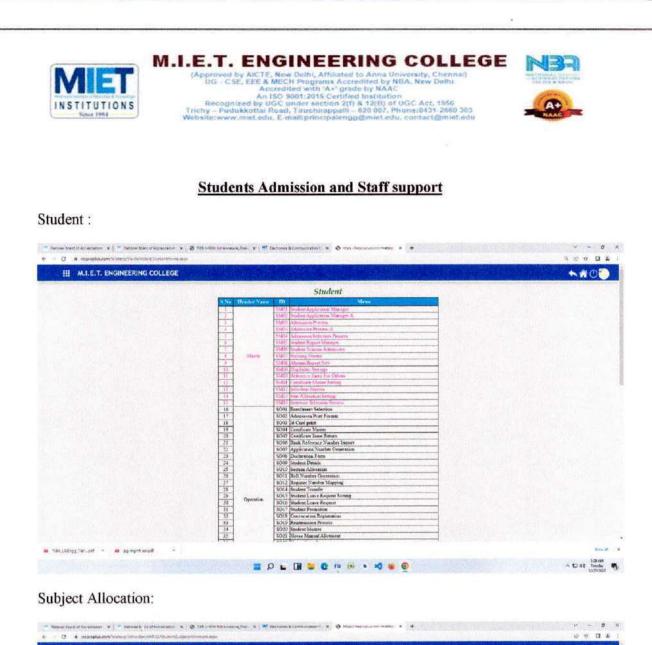


INSTIT	UTION	s		Accr An IS by UG	edited with V O 9001:2015 (C under sectional, Turchina	N+1 grade by N Certified Instit (on 2(f) & 12(f ppalli = 620.00	tation 3) of UGC Act, 18 17, Phone:0431-20	66 660 303	4	
Semester	Infor	mat	ion ·							
bemester	mor	mar								
Ø https://incoroph				Ð		1000 - 660		il.	Sector States	
			terp/MasterWicardMod/Semoster%20							Learn more
COLUMN STREET			and the second	115-56					The states	and the second
10 10 10 10 Http:	M.I.E	.T. E	NGINEERING COLLEG	E					4	
	the second second second									
			Entrance in the second second second		Semester b	formation	in an ar de god			
		1	College MLET. ENGINEERIN	GCC -	Semester In	nformation Digree Degree) Branch B.	anch(15)		
			College MLE.T. ENGINFERIN Semaster Semaster(5)	ia cc • I	A CONTRACT OF CONTRACT OF CONTRACT) Beanch B	anch(15) Gò Add		
			and the second sec	œ	A CONTRACT OF CONTRACT OF CONTRACT) Usanch B	Contraction of the local division of the loc		
-	8.80	Batek Year	Semanter Semester(5) Department	GCC V I	Satch 2019 ¥	Dugree Degreet	Remaining No of Working Days	Go Add Total No of Working Days	and the second	
<u></u>	8.80	3icar 2019	Seguester Semester(5) Department	Sementer 4	Satch 2019 V Semester Start Date 01/03/2021	Degree Degrees	Romanning No of Working Days 263	Go Add Total No of Working Days 305	Order V/eek Days	
si ×∎	2	2019 2019	Semanter Semester(5) Department Chill Engineering Chill Engineering	Sementer 4 7	Satch 2019 Semester Start Date 01/03/2021 01/08/2022	Diggree Degree(4 Semester End Date 31/12/2021 02/12/2022	Remaining No of Working Days	Go Add Total No of Working Days	Order V/eek Days V/eek Days	
si ×∎		3icar 2019	Semanter Semester(5) Department Ctvil Engineering Ctvil Engineering Ctvil Engineering	Sementer 4	Satch 2019 V Semester Start Date 01/03/2021	Degree Degrees	Remaining No of Working Days 263 85	Go Add Total No of Working Days 305 124	Order V/eek Days	
<i>≨</i> ×∎	2	Year 2019 2019 2019	Semanter Semester(5) Department Civil Engineering Civil Engineering Civil Engineering Mechanical Engineering	Sementer 4 7 6	Semester Start Date 01/03/2021 01/08/2022 07/03/2022	Diggree Degree(2 Semewter East Date 31/12/2021 02/12/2022 30/07/2022	Remaining No of Working Days 263 85 126	Go Add Total No.of Working Days 306 124 146	Order Vleek Days Vleek Days Week Days	
 ✓ × 目 	2 3 4	Year 2019 2019 2019 2019 2019	Semaster Semester(5) Department Civil Engineering Civil Engineering Civil Engineering Mechanical Engineering Electrical and Electonics Engineering	Semester 4 7 6 7	Semester Start Date 01/03/2021 01/08/2022 07/03/2022 01/08/2022	Dugate Degree(3 Semister End Date 31/12/2021 02/12/2022 30/07/2022 02/12/2022	Romaining No of Working Days 263 85 126 85	Go Add Total No of Working Dayy 306 124 146 124	Order V/eek Days V/eek Days Week Days V/eek Days	
 ✓ ✓ 	2 3 4 5	Vear 2019 2019 2019 2019 2019 2019	Department Chill Engineering Chill Engineering Chill Engineering Mechanical Engineering Mechanical Engineering Electrical and Electonics Engineering Electrical and Electonics Engineering	Senieester 4 7 6 6 6 6 7	Sanch 2019 -	Degree Degree(4 Somester Ead Date 31/12/2021 02/12/2022 03/07/2022 02/12/2022 31/07/2022	Remaining No of Warking Days 263 85 126 85 127	Co Add Total No of Working Days 306 124 146 124 147	Order V/eek Days V/eek Days V/eek Days V/eek Days V/eek Days	
 ✓ ✓ 	2 3 4 5 6	2019 2019 2019 2019 2019 2019 2019 2019	Semanter Semester(5) Civil Engineering Civil Engineering Civil Engineering Mechanical Engineering Rechanical Engineering Electrical and Electonics Engineering Electronics and Communication Engineering Electonics and Communication Engineering	4 7 6 7 6 6 7 7 7	Semester Start Date 01/03/2021 01/08/2022 07/03/2022 07/03/2022 07/03/2022 07/03/2022	Degree Degree(3 Somester End Date 31/12/2021 02/12/2022 30/07/2022 31/07/2022 31/07/2022	Remaining No of Working Days 263 85 126 85 127 127 127	Go Add Total No of Working Days 306 124 146 124 147 147 147	Order V/eek Days V/eek Days V/eek Days V/eek Days V/eek Days V/eek Days	
 ✓ ✓ 	2 3 4 5 6 7	Year 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019	Department Department Civil Engineering Civil Engineering Chil Engineering Mechanical Engineering Mechanical Engineering Electrical and Electonics Engineering Electrical and Electonics Engineering Electrical and Electonics Engineering Electonics and Communication Engineering Electonics and Communication	4 7 6 7 6 6 7 7 7	Semester Start Date 01/03/2021 01/03/2022 07/03/2022 07/03/2022 07/03/2022 07/03/2022 07/03/2022	Degree Degree(3) Somester End Date Date 31/12/2021 30/07/2022 30/07/2022 31/07/2022 31/07/2022 31/07/2022 31/07/2022 31/07/2022	Remaining No of Working Days 283 85 126 85 127 127 127 85	Go Add Torial No of Working Daty 306 124 146 124 147 147 147 124 147	Order V/eek Days V/eek Days V/eek Days V/eek Days V/eek Days V/eek Days	
∷	2 3 4 5 6 7 8	Year 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019 2019	Semanter Semester(5) Civil Engineering Civil Engineering Civil Engineering Mechanical Engineering Rechanical Engineering Electrical and Electonics Engineering Electronics and Communication Engineering Electonics and Communication Engineering	5 cm enter 4 7 6 7 6 6 7 7 7 7	Semester Start Date 01/03/2021 01/08/2022 07/03/2022 07/03/2022 07/03/2022 01/08/2022 01/08/2022 01/08/2022	Degree Degree(I) Semester End Date 31/12/2021 31/12/2021 02/12/2022 31/07/2022 31/07/2022 31/07/2022 31/07/2022 32/12/2022 32/12/2022 32/12/2022 32/12/2022 32/12/2022 32/12/2022	Remaining No of Working Days 263 85 126 85 127 127 127 85 85 85 85	CD Add Torial No of Working Days 306 124 146 124 147 147 147 124 124	Veek Days Vleek Days Vleek Days Vleek Days Vleek Days Vleek Days Vleek Days Vleek Days	
	2 3 4 5 6 7 8 9	Year 2019	Semanter Semester(5) Department Chill Engineering Chill Engineering Chill Engineering Mechanical Engineering Mechanical Engineering Electrical and Electonics Engineering Electronics and Communication Engineering Electonics and Communication Engineering Electonics and Communication Engineering Electonics and Communication Engineering Electronics and Communication Engineering	Senicenter 4 7 6 7 6 6 7 7 7 6	Semester Start Date 01/03/2021 01/03/2022 07/03/2022 07/03/2022 07/03/2022 01/08/2022 01/08/2022 01/08/2022 01/08/2022	Degree Degree(3) Somester End Date Date 31/12/2021 02/12/2022 30/07/2022 02/12/2022 31/07/2022 31/07/2022 02/12/2022 02/12/2022 02/12/2022 02/12/2022 02/12/2022 02/12/2022 02/12/2022 30/07/2022	Remaining No of Working Days 263 85 126 85 127 127 127 85 85 85 126	Go Add Total No of Working Days 306 124 146 124 147 147 147 124 144 147 144 146 124 147 147 124 144 124 145	Order Week Days Week Days Week Days Week Days Week Days Week Days Week Days Week Days Week Days	1947 AM



INSTITUTIONS Since Person	t Tr	Approved UG C Recog	d by AICT ISE, EEE A Ar Inized by idukkotta	GINEERING COLLEGE F. New Delihi, Affiliated to Anna University, Chennail & MECH Programs Accordited by NBA, New Delhi iccredited with 'A-' grade by NAAC 150 9061-2015 Certified Institution UGC under section 2(1) & 12(B) of UGC Act. 1956 (Read, Turubhirappalit – 620 007. Phonies0431 2860 503 du, E-mathprincipalengg@miet.edu, contact@miet.edu	
				Finance Accounts	
C https://https://inspropfus.com/miletery	X G Coogle		× +		
- C il insproclus.com	m/mietero/FinanceMox	d/Financelinde	En aspr		🔲 \varTheta Suest
To get future Google Chrome update	s. you'll need Windows .	10 or later. This	s computer is u	using Windows 7.	searn more 1
111 M.I.E.T	ENGINEERI		LEGE		6 Arth C
and the second second second	A STREET, SALES STREET, SALES				
				Finance	
	S No Hon	der Name	m	Manu	
	S.No Hea	der Name		Menn Financial Mar	
	S.No Heat	der Name	FNM001	Financial Year	
	1	der Name	FNM001 FNM002		
	1 2 3		FNM001 FNM002 FNM003	Financial Vear Group Master Hender Master	
	1 2 3	der Name Master	FNM001 FNM002 FNM003 FNM004	Financial Year Group Master	
	1 2 3 4		FNM001 FNM002 FNM003 FNM004 FNM004	Financial Vear Group Master Hender Master Ledger Master	
	1 2 3 4 5		FNM001 FNM002 FNM003 FNM004 FNM005 FNM005	Financial Year Geoup Master Hender Master Ledger Master Code Setting Bank Master	
	1 2 3 4 5 6		FNM001 FNM002 FNM003 FNM004 FNM005 FNM006 FNM006	Financial Vear Group Master Hender Master Ledger Master Code Setting	
	1 2 3 4 5 6 7		FNM001 FNM002 FNM003 FNM004 FNM006 FNM006 FNM007 FNM008	Financial Vear Group Master Header Master Ledger Master Code Setting Bank Master Receipt / Challan Print Setting Part Payment Student Settings	
	1 2 3 4 5 6 7 8		FNM001 FNM002 FNM003 FNM004 FNM005 FNM006 FNM006	Financial Year Group Master Header Master Ledger Master Code Setting Bank Master Receipt / Chullan Print Setting Part Payment Student Settings Fournal Fournal	
	1 3 4 5 6 7 8 9		FN04001 FN04002 FN14003 FN14003 FN14005 FN14005 FN14005 FN14005 FN14005 FN14005 FN14005 FN14005 FN14005 FN14005	Financial Year Group Master Hender Master Ledger Master Code Setting Bank Master Receipt / Challan Print Setting Part Payment Student Settings Journal Journal	
	1 2 3 4 5 6 7 8 9 10		FNM001 FNM002 FNM003 FNM004 FNM005 FNM006 FNM006 FNM007 FNM008 FNM008 FNM0001 FNM0001 FNM0001 FNM0001 FNM0001 FNOP001 FNOP001 FNOP002	Financial Year Group Master Header Master Ledger Master Code Setting Bank Master Receipt / Chullan Print Setting Part Payment Student Settings Fournal Fournal	
	1 2 3 4 5 6 7 8 9 10 11		FNM001 FNM002 FNM003 FNM004 FNM005 FNM006 FNM006 FNM007 FNM008 FNM008 FNM0001 FNM0001 FNM0002 FNM0001 FNOP001 FNOP002 FNOP003	Financial Year Geoup Master Header Master Ledger Master Code Setting Bark Master Receipt / Challan Print Settings Journal Journal Receipt / Challan	
	1 2 3 4 5 6 7 8 9 10 11 12		FNM001 FNM002 FNM003 FNM004 FNM005 FNM006 FNM007 FNM008 FNM009 FNM009 FNM008 FNM009 FNM009 FNM009 FN009001 FN009002 FN009003 FN009004	Financial Year Group Master Hender Master Ledger Master Code Setting Bank Master Receipt / Challan Print Settings Journal Fournal Receipt / Challan Confirm New Receipt Miscellaneous	
	1 2 3 4 5 6 7 7 8 9 10 11 11 12 13		FNM001 FNM002 FNM003 FNM006 FNM006 FNM006 FNM006 FNM007 FNM006 FNOP001 FNOP001 FNOP002 FNOP000 FNOP004 FNOP004	Financial Year Group Master Header Master Ledger Master Code Setting Bank Master Receipt / Challan Print Settings Journal Fournal Fournal Fournal Challan Confirm	
	1 2 3 4 5 6 7 8 9 10 11 12 13 14		PNM001 PNM002 PNM003 FNM004 FNM006 FNM006 FNM006 FNM000 FNOP001 FNOP001 FNOP001 FNOP004 FNOP005 FNOP004 FNOP005	Financial Year Group Master Header Master Ledger Master Code Setting Bank Master Receipt / Challan Print Settings Journal Journal Journal Receipt Miscellaneous Receipt Cancel and Duplicate	
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16		FNM001 FNM002 FNM003 FNM003 FNM005 FNM006 FNM006 FNM007 FNM008 FNM007 FNM008 FN00001 FN00000 FN00000 FN00000 FN00000 FN00000 FN00000 FN00000 FN00000	Financial Year Group Master Header Master Ledger Master Code Setting Bank Master Receipt / Challan Print Setting Part Payment Student Settings Journal Journal Receipt / Challan Challan Challan Confirm New Receipt Miscellaneous Receipt Cancel and Duplicate Bank Reconciliation Transfer / Refund	
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17		FNM001 FNM002 FNM003 FNM004 FNM006 FNM006 FNM007 FNM008 FNM009 FNM009 FNM0000 FNOP001 FNOP002 FNOP004 FNOP005 FNOP006 FNOP007 FNOP007 FNOP007	Financial Year Group Master Header Master Ledger Master Code Setting Bank Master Part Payment Student Settings Journal Journal Fournal Receipt / Challan Challan Confirm New Receipt Miscellaneous Receipt Cancel and Duplicate Bank Reconciliation Transfer / Refund Payment – Cash / Bank	
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18		FNM001 FNM002 FNM003 FNM004 FNM005 FNM006 FNM007 FNM007 FNM007 FNM007 FNM007 FN00001 FN00001 FN00001 FN00001 FN00001 FN00001 FN00001 FN00001 FN000001 FN000001 FN000001 FN000001 FN000001 FN000001 FN000001	Financial Year Group Master Header Master Ledger Master Code Setting Bank Master Receipt / Challan Print Settings Journal Journal Journal Gournal Receipt Miscellaneous Receipt Cancel and Duplicate Bank Reconciliation Transfer / Refund Payment – Cash / Bank Contra	
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17		FNM001 FNM002 FNM003 FNM004 FNM005 FNM006 FNM006 FNM007 FNM001 FN0P001 FN0P002 FN0P000 FN0P001	Financial Year Group Master Header Master Ledger Master Code Setting Bank Master Part Payment Student Settings Journal Journal Fournal Receipt / Challan Challan Confirm New Receipt Miscellaneous Receipt Cancel and Duplicate Bank Reconciliation Transfer / Refund Payment – Cash / Bank	

PRINCIPAL M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.



		Master S	ulaport	Allounie	41	South	12.20	ALC: NO	1.11	Con il contra	
	Streen ENGG - Beach 202	10 - D	-	8E	~	Braeten.	Cred Eng	-			
	Rent 3 Y No. All	- TH	ter i	Type(2)		Subject	Subjectil	d)			
	Seauth Ry Administra No w									The proving 1	
	A CARLES PROVIDE A CONTRACTOR OF A CARLES AND A CARLES									100 C 100	
	Subject filter Bottle Wies Subject Type	Full Time P	roject	pai	end PRC	HECT WO	DWK - BAS	1004	ila 👘	A CHANNER	
				Material	0	Property			and the second se	Constant I	
	Aler Ball Son Bar State	Marmania		- Talent	Sale sared		Contraction of the local division of the loc	Billion?	T-mail	The second se	
	and the second s	Extension of	Betterner	C Adadices C Scherol C	-	Courses and	CEASE A	1.466	ADMENTS -	5.636	
						PERFO			Chevro and		
	1 E1201011 # 128001 -PT1 ARAVIND 5	-	8	0	0	10	0		8		
	1 ELEMENT FLOWING ATCHART		5			0	10		13		
	1 EI20201 HEI2HEIT EARAL MANED A				0						
	4 TET211014 112400163064 012140-4140 9	10	12				1	-			
	2 E1201000 0124 D00000 3478 4531 48 4				0	6	13	22	73	1	
	A ALTERNAT ALEXANDERST MORALD DRAMON N	23	22	53	23	10	2	63	53		
	T REPRESENTATION AND ADDRESS OF THE STREET AND ADDRESS OF THE STREET AND ADDRESS ADDRE		22	13		53	5	-		1	
	B RADTINGS SCHOOL STORAD CON RADIE		52		13	-	100	12	53	1 S. 11	
	# \$1275117 \$12420142819 NORAMOUTO 22112005 N.R.		42	100	D	63	0	3	53		
	12 22223911 12224291864612 32238A5864D AVL AMA	8	12	23	12	8		52	53	1	
	11 B (2010) 2 112420 (0012 N2NBAN7HD0 N	12	2		6	8	8	6	2	1	
	12 01203113 41242040213 012100348434	13	12	9	12	13	E	=14	-	1	
	13 X 120 1014 200 XA012 T RISHINGSHIT		61	2		5	-	13			
	18 B12519 [2 11142G000 25 BABARD ATRAN 1		53	5	12		8		8		
	15. E1201016 200204135 KREAK MOHAMEDIA		5		0	10	5	12	2	-	
	18 BIDDIN' ADRIEDS (* STRESS KOMAR F	Constant of the local diversion of the local	12	12		den Pris	and the second		14		
		CHIER		OE MARK							
			Sam								
			A AT A STATE OF	100							
Contract of the second se											1.00
ia, Ubing ter pol 🔹 📫 og nyet Grad	(m)										
	0		-	10 100							A 10 40 1.ed
		LB -	•	0.01 619	200		<u> </u>				12/28/2



v - 8 x

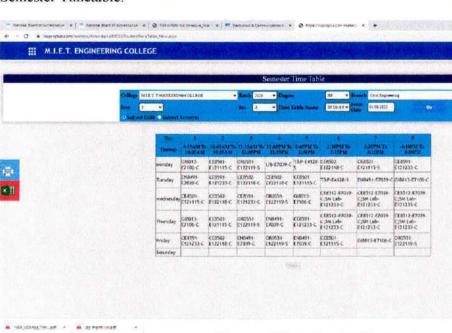
......

a (X

∧ 10 dd 1entig 12/8/822 ₩

GUNDUR, TIRUCHIRAPALLI - 620 007.

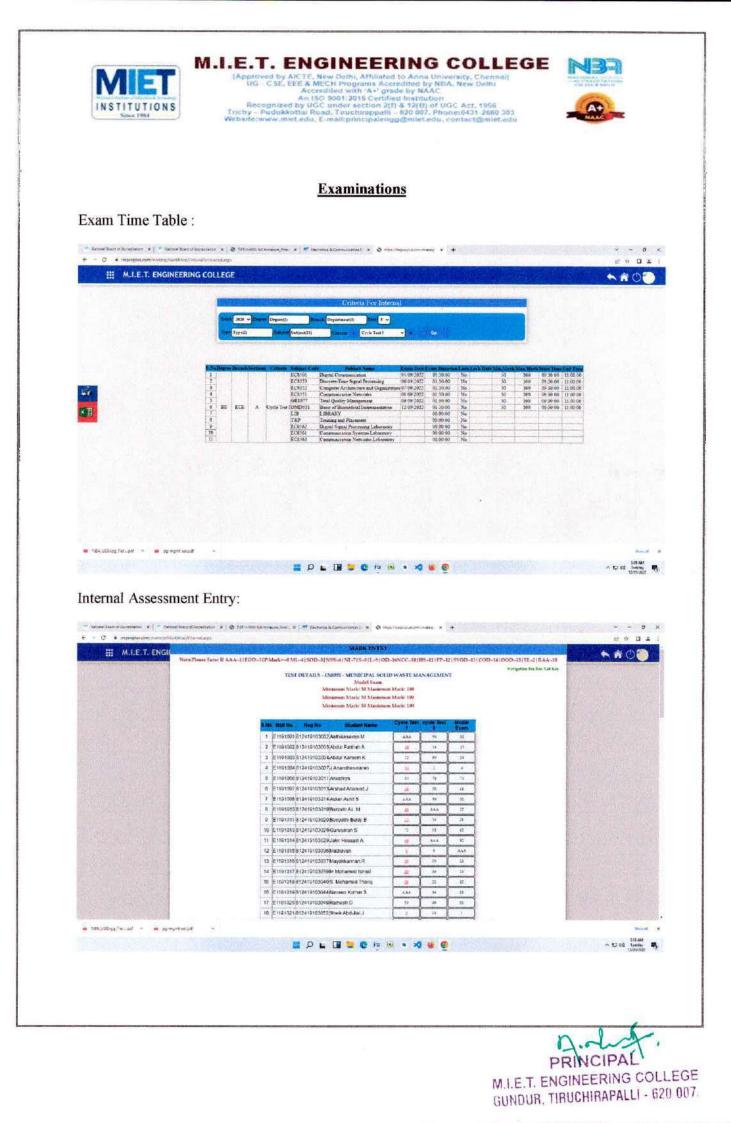
A # OT



Staff Selector :

M.I.E.T. ENGINEE		★#0
College and the second second	Staff Selector	and the second second
	(Staff Science)	
	College MIET. Ef + Balah (2021 + Degree DF + Branch Hechical and Electonics Engine + Sem 3 - Sex A - Ge	
	Decomposition Decompo	
jiling tar. pa 🔹 🝺 ayayat		Bened
	🚆 🖉 ⊾ 💷 🐂 😨 🍬 💐 🛎 🧕	~ 10 46 Straw
	J.,	CIPAL

📓 🔎 🖿 🛄 🗮 😨 💷 💷 🖷 🔹 🖉 😻 😨

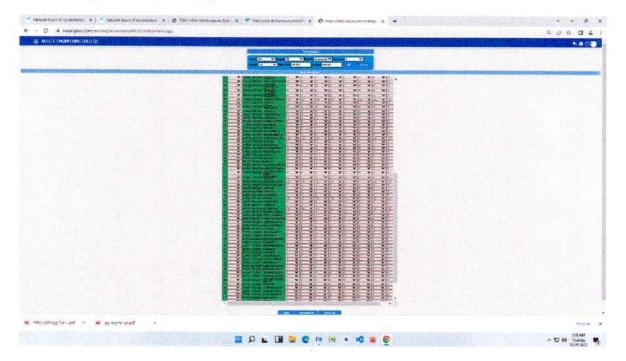


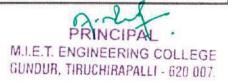


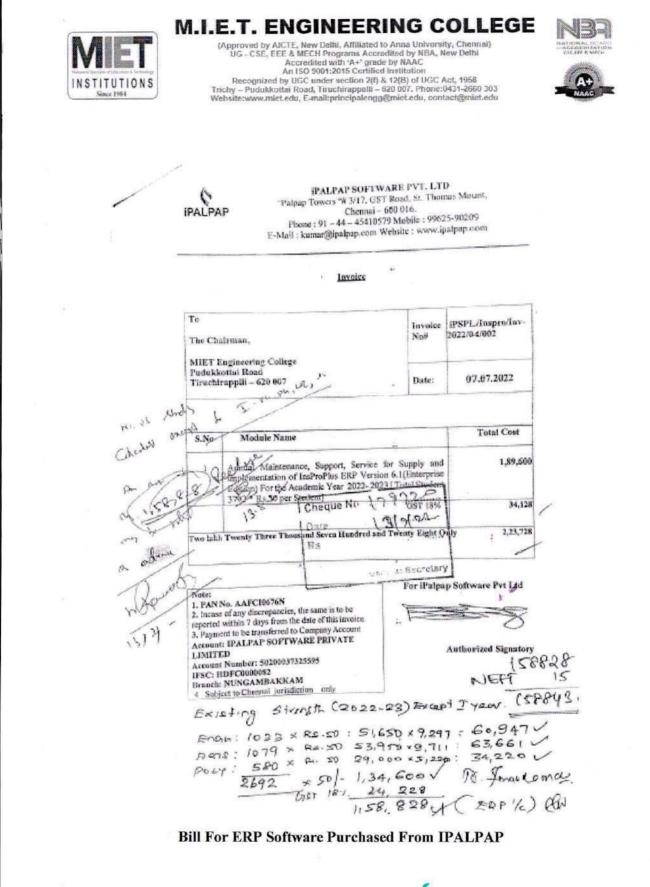
M.I.E.T. ENGINEERING COLLEGE (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennae) UG - CSE, EEE & MICH Programs Accredited by NBA, New Delhi Accredited with "A+" grade by NAAC An ISO 9001:2015 Certified Institution Recognized by UGC under section 2(1) & 12(8) of UGC Act, 1956 Trichy - Pudukontasi Road, Tiruchiapposili - 520 087, Phone:0431-2060 203 Website:www.iniet.edu, E-mail:principalengg@miet.edu, contact@miet.edu



Student Day Attendance Entry :









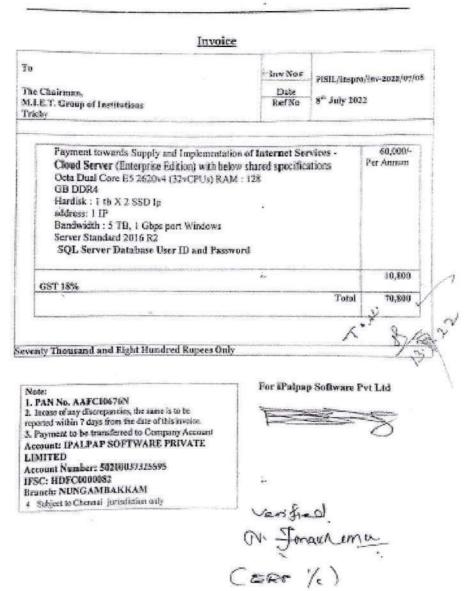
(Approved by AICTE, New Dethi, Affiliated to Anna University, Chennai) UG - CSE, EEE & MECH Programs Accredited by NBA, New Dethi Accredited with 'A+' grade by NAAC An ISO 9001:2015 Certified Institution Recognized by UGC under section 2(1) & 12(B) of UGC Act, 1956 Trichy – Partukkottai Road, Tiruchirappatii – 620 007. Phone:0431-2660 303 Website:www.miet.edu, E-mail:principalengg@miet.edu, contact@miet.edu





IPALPAP

iPALPAP SOFTWARE PVT. LTD "Paipap Towns" # 3/17, GST Road, St. Thomas Mount, Chennai = 600 016-Phone : 91 = 44 = 45410579 Mobile : 99625-90209 E-Mail : kuma:@ipalpap.com Website : www.palpap.com



Bill for SQL server Database



(Approved by AICTE, New Delhi, Affiliated to Anna University. Chennai) UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi. (An ISO 9001:2015 Certified Institution) TRICHY – PUDUKKOTTAI ROAD, TRUCHIRAPPALLI – 620 007. Email: principalengg@miet.edu, contact@miet.edu Website: - www.miet.edu



Ph: 0431 - 2660 303

Content Beyond the Laboratory Syllabus To create learning environments that are inclusive, diverse, and engage all types of learners, we provide the students with learning opportunities that extend beyond the laboratory syllabus. This is key to supporting and enhancing the learner experience and achieving positive educational outcomes for students.

By extending learning beyond the syllabus of a laboratory, our institution provides the platform and learning opportunities for students to empower themselves with practical knowledge.

Key Impact of beyond the laboratory syllabus

- Expand student's access to resources outside of the curriculum.
- It will be more engaging and provide meaningful and relevant real time experiential learning.
- It provides inclusive and individualized learning opportunities.
- Stimulate the students academically and creatively and help them to develop new skills.
- Equip students for immediate and future success in employment and participation in the rapidly changing workplace.





(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennal) UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi. (An ISO 9001:2015 Certified Institution) TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007. Email: principalengg@miet.edu, contact@miet.edu Website: - www.miet.edu



Ph: 0431 - 2660 303

Department of Electrical and Electronics Engineering

Sl.No	Laboratory Name	Additional Experiments Beyond the Syllabus
1.	GE8261 - ENGINEERING PRACTICES LABORATORY	 V-I Characteristics of Incandescent lamp Measurement of single phase power by using three ammeter method
2.	EE8261 - ELECTRIC CIRCUITS LABORATORY	 Verification of Millman"s theorem Determination of two – port network parameters
3.	EC8311 - ELECTRONICS LABORATORY	 Class b push –pull amplifier Characteristics of Thermistor
4.	EE8311 - ELECTRICAL MACHINES LABORATORY – I	 Testing an armature using growler Retardation test on dc shunt motor
5.	EE8411 - ELECTRICAL MACHINES LABORATORY – II	 Synchronizing an Alternator Measurement of negative sequence and zero sequence impedance Of an alternator
6.	EE8461 - LINEAR AND DIGITAL INTEGRATED CIRCUITS LABORATORY	VIRTUAL LAB 1. Inverting Amplifier 2. Adder
7.	EE8511 - CONTROL AND INSTRUMENTATION LABORATORY	 Temperature control system using PID Level control system
8.	CS8383 - OBJECT ORIENTED PROGRAMMING LABORATORY	 Java Program to define a class, describe its constructor, overload the Constructors and instantiate its object. Write a Java program to find the maximum and minimum value of an array.
9.	EE8661 - POWER ELECTRONICS AND DRIVES LABORATORY	 Electronic phase converters MATLAB/SIMULINK model of Single Phase to Three Phase Variable Voltage Power Converter
10.	EE8681 - MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	 Introduction TO 8086 Microprocessor Write program using 8086 for copying 12 bytes of data from source to destination



M.I.E.T. ENGINEERING COLLEGE (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai) UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi. (An ISO 9001:2015 Certified Institution) TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007. Email: principalengg@miet.edu, contact@miet.edu Website: - www.miet.edu Ph: 0431 – 2660 34



Ph: 0431 - 2660 303

Sl.No	Laboratory Name	Additional Experiments Beyond the Syllabus
11.	EE8711-POWER SYSTEM SIMULATION LABORATORY	 Study of overload security analysis and obtain results for the given problem using MATLAB or any software Load Flow Analysis using Fast Decoupled (FD) Method
12.	EE8712 - RENEWABLE ENERGY SYSTEMS LABORATORY	 Production of Biogas using Biomass Waste Study of Bio-Diesel Reactor.

PR M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.



M.I.E.T. ENGINEERING COLLEGE (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai) UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi. (An ISO 9001:2015 Certified Institution) TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007. Email: principatengg@miet.edu, contact@miet.edu Website: - www.miet.edu



Ph: 0431 - 2660 303

Department of Mechanical Engineering

Sl.No	Laboratory Name	Additional Experiments Beyond the Syllabus
1.	GE8261 - ENGINEERING PRACTICES LABORATORY	 Conducting experiment on Knurling, Thread Cutting operations in Center Lathe machine. Conducting experiment on shaper machine.
2.	ME8361 MANUFACTURING TECHNOLOGY LABORATORY - I	 Machining Time estimation for Slotting operation in Slotter machine. Making of Dove Tail slot using Shaper.
3.	ME8381 - COMPUTER AIDED MACHINE DRAWING	 Drawing of Isometric projection of simple objects. Crank Shaft and Cam Shaft.
4.	ME8462 - MANUFACTURING TECHNOLOGY LABORATORY – II	 Demonstration of Capstan Lathe and it operations. Demonstration of Turret Lathe and it operations.
5.	CE8381 - STRENGTH OF MATERIALS AND FLUID MECHANICS AND MACHINERY	 Calculation of the rate of flow in flow through notches. Conducting and proving the Bernouli's Theorem.
6.	ME8511 - KINEMATICS AND DYNAMICS LABORATORY	 Experimental Estimation of the Moment of Inertia of a Connecting Rod by Means of the Pendulum Method. Detail demonstration and working principle of automobile differential mechanism and its parts.
7.	ME8512 - THERMAL ENGINEERING LABORATORY	 Determination of Viscosity of a given sample using Redwood's Viscometer. Conducting experiments and drawing the characteristic curves of a Blower.
8.	ME8513 - METROLOGY AND MEASUREMENTS LABORATORY	 Measurement of angles using sine centre Measurement of Displacement using LVDT





Γ

M.I.E.T. ENGINEERING COLLEGE (Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai) UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi, (An ISO 9001:2015 Certified Institution) TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007. Email: principalengg@miet.edu, contact@miet.edu Website: - www.miet.edu



Ph: 0431 - 2660 303

SI.No	Laboratory Mallie	Additional Experiments Beyond the Syllabus
9.	ME8681 - CAD / CAM LABORATORY	 Assembly of Engine components. Assembly of Crane Hook.
10.	ME8711 - SIMULATION AND ANALYSIS LABORATORY	 Thermal Stress and Hear transfer analysis of a Liquid using ANSYS- Fluent.
11.	ME8781 - MECHATRONICS LABORATORY	 ADC and DAC Interface. Serial Communication using 8251.
12.	MF5111 - CAD / CAM LABORATORY	 Analysis of Geometric Tolerance and manufacturing variation on product designs using 3D Software. Modeling & simulation of hot forging / orthogonal machining / cold rolling operation / milling operation using a FEA package.
13.	MF5211 - AUTOMATION AND METAL FORMING LABORATORY	 One shot and regenerative pneumatic circuits. Sequencing of pneumatic circuits. To compare the ladder diagram for electrical and PLC control for the given sequence.

PRI M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.



(Approved by AICTE, New Delhi, Affiliated to Anna University. Chennal) UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi. (An ISO 9001:2015 Certified Institution) TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007. Email: principalengg@miet.edu, contact@miet.edu Website: - www.miet.edu



Ph: 0431 - 2660 303

Department of Computer Science and Engineering

Sl.No	Laboratory Name	Additional Experiments Beyond the Syllabus
1.	GE8161 – PROBLEM SOLVING AND PYTHON PROGRAMMING LABORATORY	 Convert the given number celsius to fahrenheit and vice versa. Check whether the given number is positive or negative. Find the factorial of a given number. Find the reverse of the given number. Check whether the given number is palindrome or not. Find the number of vowels in a string.
2.	CS8261 – C PROGRAMMING LABORATORY	 Finding string length without using <string.h>.</string.h> Print even or odd without using conditional statements. Addition of two numbers without using any operator.
3.	CS8381 – DATA STRUCTURES LABORATORY	 Implementation of doubly linked list. Rotate a linked list in counter clock wise.
4.	CS8383 – OBJECT ORIENTED PROGRAMMING LABORATORY	 Java Program to define a class, describe its constructor, overload the Constructors and instantiate its object. Write a Java program to find the maximum and minimum value of an array. Write a static method max () that takes three int arguments and returns the value of the largest one. Add an overloaded function that does the same thing with three double values. To write a program to perform arithmetic operations using static members.
5.	CS8382 – DIGITAL SYSTEMS LABORATORY	 Designing with D-Flip flops: Shift Register and Sequence Counter for digital communication. Designing with D-Flip flops: Shift



M.I.E.T. ENGINEERING COLLEGE (Approved by AICTE, New Delhi, Affiliated to Anna University. Chennai) UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi. (An ISO 9001:2015 Certified Institution) TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007. Email: principalengg@miet.edu, contact@miet.edu Website: - www.miet.edu Ph: 0431 – 2660 3



Ph: 0431 - 2660 303

SI.No	Laboratory Name	Additional Experiments Beyond the Syllabus
		Register and Sequence Counter.3. Simulation of ripple carry adder using HDL.
6.	CS8481 –DATABASE MANAGEMENT SYSTEMS LABORATORY	 Implementation Web query optimization. Study about Web mining application tools.
7.	CS8461 – OPERATING SYSTEMS LABORATORY	 Dead lock prevention algorithm for Multiple Resources. Page Replacement Algorithm (Optimal)
8.	EC8681 – MICROPROCESSORAND MICROCONTROLLER LABORATORY	 Demonstration of basic instructions with 8051 Micro controller execution, including: (i) Conditional jumps, looping (ii) Calling subroutines. Parallel Communication between Two Microprocessors using 8255. Data transfer from peripheral to memory through DMA controller 8237/8257. Branching operations and logical operations in a given data.
9.	CS8582 – OBJECT ORIENTED ANALYSIS AND DESIGN LABORATORY	 SUGGESTED DOMAINS FOR MINI- PROJECT: 1. Passport automation system. 2. Book bank 3. Exam registration 4. Stock maintenance system. 5. Online course reservation system 6. Airline/Railway reservation system 7. Software personnel management system 8. Credit card processing 9. e-book management system 10. Recruitment system 11. Foreign trading system



(Approved by AICTE, New Delhi, Affiliated to Anna University. Chennai) UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi. (An ISO 9001:2015 Certified Institution) TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007. Email: principalengg@miet.edu, contact@miet.edu Website: - www.miet.edu



Ph: 0431 - 2660 303

SI.No	Laboratory Name	Additional Experiments Beyond the Syllabus
1		 12. Conference management system 13. BPO management system
		 14. Library management system 15. Student information system
10.	CS8581 - NETWORKS LABORATORY	 Write a C program to capture packets and filter using raw sockets. Cable crimping with RJ45 connector. Study of Campus Network.
11.	CS8661-INTERNET PROGRAMMING LABORATORY	 Implementation of Airline and Travel agent application using web services. Create a simple visual bean with an area filled with a color.
12.	CS8662 – MOBILE APPLICATION DEVELOPMENT LABORATORY	1. Android Application that creates Alarm Clock
13.	CS8711- CLOUD COMPUTING LABORATORY	 Find procedure to install storage controller and interact with it. Write a program to use the API's of Hadoop to interact with it.
14.	IT8761- SECURITY LABORATORY	 Perform Encryption and Decryption using functional encryption (FE) technique Study of failure of cryptography. (i) Cryptanalysis (ii) Attacks



(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai) UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi. (An ISO 9001:2015 Certified Institution) TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007. Email: principalengg@miet.edu, contact@miet.edu Website: - www.miet.edu



Ph: 0431 - 2660 303

Department of Electronics and Communication Engineering

SI.No	Laboratory Name	Additional Experiments Beyond the Syllabus
ĺ.	EC8261- CIRCUIT AND DEVICES LABORATORY	1. Study of UJT characteristic
2.	EC836-ANALOG AND DIGITAL CIRCUITS LABORATORY	 Study of Op-Amp IC741. Application of Op-Amp
3.	EC8461- CIRCUITS DESIGN AND SIMULATION LABORATORY	 Design of Monostable multivibrator with emitter timing and base timing. Simulation using spice (Transistor) Astable multivibrator.
4.	EC8462- LINEAR INTEGRATED CIRCUITS LABORATORY	 AM Modulator and Demodulator FM Modulator and Demodulator
5.	EC8562 -DIGITAL SIGNAL PROCESSSING LABORATRY	 Design a Histogram Equalization Using Matlab Program Simulate the Modulation Technique
6.	EC8561 - COMMUNICATION SYSTEMS LABORATORY	 Analog and Digital Modulated Signal generators using COMM-SIM. Design and analysis of Frequency Multiplier circuit.
7.	EC8681- MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	 Introduction to KEIL μ vision Serial Transmission from PC to 8051uc
8.	EC8661-VLSI DESIGN LABORATORY	 Design and simulate of 5 bit multiplier in Xilinx software
9.	EC8761- ADVANCED COMMUNICATION LABORATORY	 Radiation pattern Measurement of Parabolic Reflector Antenna
10.	EC8711-EMBEDDED LABORATORY	 Interface a LED matrix and display a number on the matrix. Interrupt driven data transfer from ADC.





M.I.E.T. ENGINEERING COLLEGE (Approved by AICTE, New Delhi, Affiliated to Anna University. Chennai) UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi. (An ISO 9001:2015 Certified Institution) TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007. Email: principalengg@miet.edu, contact@miet.edu Website: - www.miet.edu



Ph: 0431 - 2660 303

Sl.No	Laboratory Name	Additional Experiments Beyond the Syllabus								
		 Program to demonstrate Time delay program using built in Timer/Control. 								
11.	VL5111- VLSI DESIGN LABORATORY I	 Study of convolutional encoder designing in xilinx software 								
12.	VL5112- VLSI DESIGN LABORATORY II	1. Study of image processing in xilinx software								

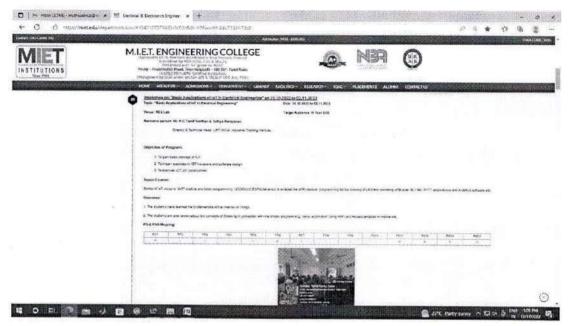
P M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.



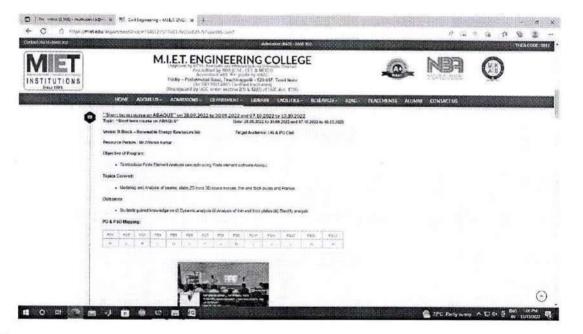


Website: - www.miet.edu Ph: 0431 - 2660 303

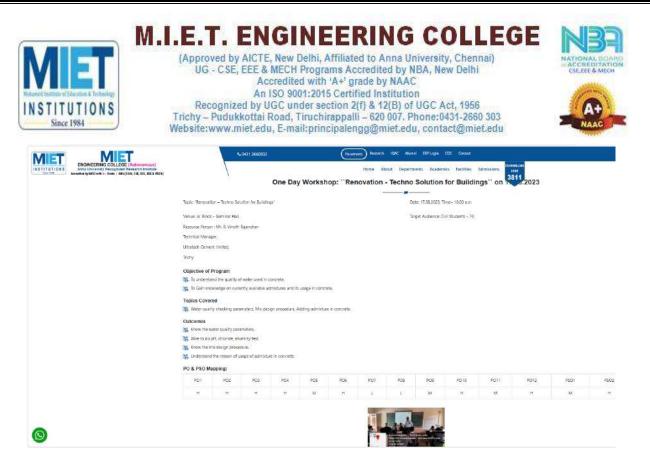
Website Screen Shot of Skill Enhancement Training Program



Workshop on: "Basic Applications of IoT in Electrical Engineering" on 31.10.2022 to 2.11.2022



Short term course on ABAQUS'' on 28.09.2022 to 30.09.2022 and 07.10.2022 to 10.10.2022



One Day Workshop: ``Renovation - Techno Solution for Buildings`` on 17.08.2023

Reserve & Development	MIET MI	T		C04312660302			Russerer) lessants - 3	QAC Alarmi	taplaga cot	Cirrist					
Workshop on: "Embedded System and IoT" from 13.11.2024 to 15.11.2024 Store 15.10.004 to 15.11.2024 Colspan="2">Colspan="2"Colspan=""2"Colspan="2"Colspan="2"Colspan=	STITUTIONS Anno Linuwrany Recognis	ed Research Institute	Home About Departments Academics Facilities Admissions com													
Sind Allinion Port Tribeled System or NT		1 1- 31	Contraction of the local division of the loc	1 3				31			_	3811	1	- ALGE	6	
Sign A.Monic Page: Transaction Log Def: Transaction	ibout Department	+			Work	shop on:	"Embedo	led Syste	m and lo1	F" from 1	3.11.2024 t	0 15.11.202	4			
05 8 70. • <	ision & Masion	•														
 O & RO Penavez person 1. Mr. 1. Avdagvaspan, Diedar, Marchaden, Tridy A. Mr. 1. Avdagvaspan, Diedar, Marchaden, Tridy A. Mr. 1. Avdagvaspan, Diedar, Marchaden, Tridy Anter Service Stream end and the Service of Marchaden, Tridy Stream end and the Service of Marchaden, Stream end and the Service of Marchaden end the Service of Mar	ED & PSD	• 50	: "Ombedded System arv	5 IOT -					Date: 1	\$17.2024 to 15.1	1.2024					
 Produce prover LML S Addregagen Directly, Marcal Addregagen, Directly, Marcal Addrega, Directly, Marcal Addrega, Directly, Marcal Addrega, Directly, Marcal Addrega, Tables, S. M. V. S. M. M. M. N. M. M.	56.90	+ Ven	nue Smutation Lab Target Audientiae BPE studient members													
Topic(p) (Swernel Topic(p) (Swernel unva Madra is Topic(p) (Swernel with Added Gourge (Swernel) Topic(p) (Swernel) topic Added Gourge (Swernel) Topic (Swernel) </td <td>and of Studies</td> <td>+ 05</td> <td>active of Program:</td> <td></td>	and of Studies	+ 05	active of Program:													
Nakada Garakan Bangara Bang	miculum Defails	+ 16	The main objective of thi	workshop was to	make the asolving	pengineers acqua	nied with the co	rceptusi es wel	as prectical know	ledge of the little	omet of things-					
Nucleads Coursel International for the statement and actuation Nonether Rescring International for the statement and actuation Sector Data is Outcomest After composition for a working attraction for average and data with rescription and extractions Sector Statement and actuations Sector Data is Outcomest Point and a data with rescription and extractions Vertice and doign new project Wall product with services and extractions Point and and actuations Vertice and doign new project Wall product with services and extractions Point and and actuations Vertice and doign new project Wall product with services and extractions Point and and actuations Sector Rs Data and doign new project Wall product with services and extractions Point and actuations Sector Rs Data and doign new project Wall product with services and extractions Point and actuations Sector Rs Data and doign new project Wall product with services and extractions Point and actuations Sector Rs Data and doign new project Wall product with services and extractions Point and actuations Sector Rs Data and Rs	ourse Materials															
Notified table energy: Seatting: job all of centre with node NGU Society: Data like Outcomest Anti-comparing table in society: job all of centre with node NGU Anti-comparing table in society: and all of table in the society of table into table in the society of table into table intable i	ue Added Courses															
Postson Postson <t< td=""><td>novative Teaching</td><td>-757</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	novative Teaching	-757														
Performance Projection Projec	exeratory Details	+ Out	comes													
4 Oracle and Graph merup project using for any project using for any embedded system Herita Needs: FOA # PSO Mapping Search & Drevapoment Poil POI	ents Organized															
Addit Fraction POI	udent Achievements	2.0				n										
escrit & Decempent	atents Projects		& PSO Mapping													
м - н - н м - н м м -	search & Development	+	PO1 PO2	908	PQ4	905	PO6	P07	205	909	PO10	PD11	P012	PSO1	9502	
	ofenniornel Society	+	м -	н	8	H.	м	- 22	1 2	Ĥ		M	M	н	н	

Workshop on: "Embedded System and IoT" from 13.11.2024 to 15.11.2024

PRINCIPAL M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.

	Ti	UG - I Reco ichy – Pi	CSE, EEE / gnized b idukkott	& MECH Accredit An ISO 9 y UGC u ai Road,	I Program ed with 1 001:2015 nder sec Tiruchin	ns Accre A+' grad Certified tion 2(f) appalli –	edited by e by NAA I Institut & 12(B) (620 007.	NBA, Nev AC ion of UGC Ac Phone:04	t, 1956 31-2660 3(03	NATIO CSE	AT NAAG
			Wor	kshop: ``	Biomedic	al Instrur	nents`` or	30.03.202	3			
Thursday anar Hall fr. V. Abishek I ical Solutions ingram d the basic org d the basic org thracal terms of the gained more	Private Limited, T ganization of bior used in instrumer re information ab	liruchirappalil. nedical înstrumei It design, fundarr out biomedical în	ntation systems a rentai signal anal istrumentation sy	and also how the ysis, and related ystems.								
1.522			005	2005		201	000	0040	10044	2012	No.	2500
HO2	н	PO4 M	PO5	н	-	POS	-	PO10	POIL	PO12	HSOT.	PSO2
	dical Solutions ogram d the basic org chnical terms o chnical terms o re galoed more re (etermt about pring PO2	Instruments" Thursday minar Hall dr. V. Abshek Raj (HR & Busin akai Soutions Private Limited, T Sogram dr the basic organization of bior chrical terms used in instrumer re gained more information also receive a southow these instr ping. PO2 PO3	Instruments: Instruments: Thursday Inter Hall dr. V. Abishek Raj (HR & B. Business Administratory tical Soutions Private Limited, Tiruchirapoal I. Sogram d the basic organization of Diomedical Instrument chnical terms used in Instrument design, fundar re gained more information about biomedical in- true icome about how these instruments pay their ping PO2 PO3 PO4	Instruments" Thursday Instruments" Thursday Instruments" Thursday Inter Hall & Y. Ablahek Raj (HR & Business Administration) and item mem sical Soutions Private Limited, Tiruchimppali. Bogram d the basic organization of biomedical Instrumentation systems a chrinica terms used in Instrument design, fundamental signal and the basic organization of biomedical Instrumentation systems a chrinica terms used in Instrument design, fundamental signal and the basic organization of biomedical Instrumentation systems a chrinica terms used in Instrument design, fundamental signal and the basic organization of biomedical Instrumentation systems a chrinica terms used in Instrument design, fundamental signal and the basic organization of biomedical Instrumentation systems a chrinica terms used in Instrument design, fundamental signal and the basic organization of biomedical Instrumentation systems a christer terms used in Instrument design, fundamental signal and the basic organization of biomedical Instrumentation systems a christer terms used in Instrument design, fundamental signal and the basic organization of biomedical Instrumentation systems a christer terms used in Instrument design, fundamental signal and the basic organization of biomedical Instrumentation systems a christer terms used in Instrument design, fundamental signal and the basic organization of biomedical Instrumentation systems a the basic organization of biomed	Accredit An ISO 90 Recognized by UGC u Trichy – Pudukkottai Road, Website:www.miet.edu, E-m Workshop: "I Instruments" Thursday miner Hall & Y. Abshek Raj (HR & Business Administrator) and team members dical Soutions Phyate Limited, Trucchirappai & Sogram d the basic organization of bromedical Instrumentation systems and also how the chrical terms used in instrument design, fundamental signal analysis, and related are gained more information about biomedical instrumentation systems. Ine learnt about how these instruments pay their role in suggery in medical field. ping <u>PO2</u> PO3 PO4 PO5 PO6	Accredited with ⁴ An ISO 9001:2015 Recognized by UGC under sec Trichy – Pudukkottai Road, Tiruchin Website:www.miet.edu, E-mail:princ Workshop: "Biomedic Instruments: Thursday minar Hal & Y. Abshek Raj (HR & Business Administrator) and team members dical Soutions Philate Limited, Tiruchingpai & Sogram d the basic organization of biomedical instrumentation systems and also how these instruments pi chrica terms used in instrument design, fundamenta signal analysis, and readed fields. Instruments instrument design, fundamenta signal analysis, and readed fields. Instrument design, fundamenta signal analysis, and readed fields. Instrument design, fundamenta signal analysis, and readed fields.	Accredited with 'A+' grad An ISO 9001:2015 Certifier Recognized by UGC under section 2(f) Trichy – Pudukkottai Road, Tiruchirappalli – Website:www.miet.edu, E-mail:principalengg Workshop: "Biomedical Instrum- instruments:" Thursday minar Hal to be according to the section of Biomedical Instruments field Soutions Private Limited, Tiruchirappalli. Ar V. Absidek Raj (HR & Business Administrator) and team members dical Soutions Private Limited, Tiruchirappalli. Ar V. Absidek Raj (HR & Business Administrator) and team members dical Soutions Private Limited, Tiruchirappalli. Ar The Soutions Private Limited, Tiruchirappalli. Ar The Soutions Private Limited, Tiruchirappalli. Ar The Soutions Private Limited, Tiruchirappalli, and reaned fields. In the sout from the sout biomedical Instrumentation systems and also how these instruments play their role in sufficience from subjects and reaned fields. In the south how these instruments play their role in suggery in medical field. In the south how these instruments play their role in suggery in medical field. In the south how these instruments play their role in suggery in medical field. In the south how these instruments play their role in suggery in medical field.	Accredited with 'A+' grade by NAA An ISO 9001:2015 Certified Institut Recognized by UGC under section 2(f) & 12(B) of Trichy – Pudukkottai Road, Tiruchirappalli – 620 907. Website:www.miet.edu, E-mail:principalengg@miet.e Workshop: ''Biomedical Instruments'' or Instruments' Thursday hinar Hal bry Audience II & Ves dr V. Abieke Raj (HR & Business Administrator) and team members dical Soutions Private Limited, Tiruchirappali. Sogram d the basic organization of biomedical Instrumentation systems and also how these Instruments play their role in surgery in medical chrica terms used in Instrument design, fundamental signal analysis, and realed fields. Instruments beaut how these instruments play their role in surgery in medical chrica terms used in Instrument biomedical instrumentation systems. Instrument design, fundamental signal analysis, and realed fields. Instrument design fundamental signal analysis, and realed fields. Instrument biomedical instrumentation systems. Instrument biomedical instrumentation systems.	Accredited with 'A+' grade by NAAC An ISO 9001:2015 Certified Institution Recognized by UGC under section 2(f) & 12(B) of UGC Ac Trichy – Pudukkottai Road, Tiruchirappalli – 620 007. Phone:04 Website:www.miet.edu, E-mail:principalengg@miet.edu, contac Workshop: "Biomedical Instruments" on 30.03.202 """""""""""""""""""""""""""""""""""	An ISO 9001:2015 Certified Institution Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956 Trichy – Pudukkottai Road, Tiruchirappalli – 620 007. Phone:0431-2660 3/ Website:www.miet.edu, E-mail:principalengg@miet.edu, contact@miet.edu Workshop: "Biomedical Instruments" on 30.03.2023 workshop: "Biomedical Instruments" on subsection on subsection on these Instruments play their role in surgery in medical field. workshop: "Biomedical Instruments play their role in surgery in medical field. workshop: "Biomedical Instruments" play their role in surgery in medical field. play biomedical Instruments play their role in surgery in medical field. play biomedical Instruments play their role in surgery in medical field. play biomedical Instruments play their role in surgery in medical field. play biomedical Instruments play th	Accredited with 'A+' grade by NAAC An ISO 9001:2015 Certified Institution Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956 Trichy – Pudukkottai Road, Tiruchirappalli – 620 007. Phone:0431-2660 303 Website:www.miet.edu, E-mail:principalengg@miet.edu, contact@miet.edu Workshop: ''Biomedical Instruments'' on 30.03.2023 usduments' Thursday mar Hal to the fact Business Administrator) and team members dis Soutions Philate Limited, Tiruchingpalli. 4: Y Absike Raj (HR & Business Administrator) and team members dis Soutions Philate Limited, Tiruchingpalli. 5: Soutions Philate Limited, Tiruchingpalli. 5: Soutions Philate Limited, Tiruchingpalli. 5: Soutions Philate Limited, Tiruchingpalli. 5: Soutions Philate Limited, Tiruchingpalli, and reated Felos. 5: Soutions Philate Limited, Instrumentation systems: the teams used in Instrument design, fundamentation systems: the team about biomedical Instrumentation systems: the team abou	Accredited with 'A+' grade by NAAC An ISO 9001:2015 Certified Institution Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956 Trichy – Pudukkottai Road, Tiruchirappalli – 620 007. Phone:0431-2660 303 Website:www.miet.edu, E-mail:principalengg@miet.edu, contact@miet.edu Workshop: "Biomedical Instruments" on 30.03.2023 Instruments" Thursday Instruments" Thursday Instruments A A Ashek Raj (HR & Business Administrator) and team members dis Soutions Philate Limited, Tiruchirappalli d ve basic organization of biomedical Instrumentation systems re geined more information about biomedical Instrumentation systems re teams used In Instrument delign, fundamenta signal analysis, and reasted felos. Progene M Pois Pois Pois Pois Pois Pois Pois Pois

Workshop: ``Biomedical Instruments`` on 30.03.2023

			0431 2660	1302		(Pla	cements) R	lesearch li	QAC Alum	ni ERP Login	COE Cor	over a second	0 0	
ENGINEERING COLLEGE (Auto Anna University Recognized Research Accessed by BAC with A+ Bride BBA (BML GBE	oh institute			19920		Home	About	Departme	nts Acade	emics Facil	ities Admis	sions courses		
	Topic: "App	lications of [Data Science	using Pyth	on" Date: 18	.11.2022, Fri	day at 10.00) a.m.						
	Venue: 5em					Students								
	Resource Pe The Departs Asir Antony	ment of Con	nputer Scier	ice and Engi	neering org					ions of Data S	icience using I	² ython" for II ye	ar students on	18.11.2022. D
	PO & PSC	Mapping												
	PO1	PO2	PO3	PO4	POS	PO6	PO7	POS	PO9	PO10	PO11	P012	PSO1	PSO2
	н	M	M	м	н	100	ж.			-	н	н	н	н
				Work	shop :	"Ethic	al Hac	king"	on 27.0	04.2022	to 29.04	1.2022		
Worksk														
Worksh	10p : '	'Eth	ical											
- Worksh	10p : '	'Eth	lical											
Worksh	10p : '	'Eth	ical											
Worksł	nop : '	'Eth	ical											¥.
Workst	10p : '	'Eth	ical							to 29	9.04.2	2022		Ł.
Worksh	10p : '	'Eth	ical							to 29	9.04.2			

MILET N STITUTIONS Since 1984	UG	oved by - CSE, cognize Puduk	AICTE EEE & Ac An ed by U	, New MECH credite ISO 90 IGC un Road,	Delhi, / Progra d with 01:201 ider se Tiruchi	Affiliate ims Ac 'A+' gr 5 Certif ction 2 rappall	d to A credite ade by ied Ins (f) & 12 i - 620	nna Un ed by N NAAC stitution 2(B) of 007. Pl	iversit BA, Ne n UGC A none:0	y, Chen w Delhi ct, 1956 431-266	nai) i 0 303	GE		BRAL BOARD REED TATION REEP & MECH	
\leftarrow \mathbf{C} (\oplus https://www.miet.edu/information-te	chnology.html											e,	A* (2) (2)	: 🐮	
MILT			201312660302			Tacorners) Research K	akc Alimii	CFD Login COE	Conse					
ENGINEERING COLLEGE (Autonomous)			201301-0-004-07					Departments	W 277580	10000		1			
INSTITETIONS Anna Livenersity Recognized Research Institute Secondinality BMC of their Real (2016, 05, 05, 05, 05, 05, 05, 05, 05, 05, 05	ECH	1					Home About	Departments	Academics	Facilities Adm	331010 3811				
					Wo	kshop: "	Full Stack	k Develop	ment" on	23.10.202					
							-	-	-						
	Topic: 'Full Stac	Tapic "Ful Stock Development"													
	Venue: & Block	Seminar Hall						Target (kuclence: M Naar	IT, AISEDS					
	Resource perso	n Mi, V. Swetta													
	Fu3 Stack Deve	aper, .													
	Big Learn_														
	Truchirappali.														
	Chiective of	Objective of Program:													
	And the second se	students to lear	n & uncerstand)	ig the concept of	t full stack develo	onet.									
	😭 To equip st	dents with comp	stehensive skills i	n full stack devel	opment										
	👯 By providin	g hends-on expe	vence with trans	end and back-en	d technologies.										
	Topics Cover	ed													
	Full Stack V	Ario Development	(Web Applicatio	n using HTML											
	Outcomes														
	10 The studen	ts are able to imp	lement tuli staci	development pri	50255										
	PO & PSO M	pping													
	PO1	FO2	PO3	P04	POS	PD6	PO7	PC6	POR	POIS	PD11	PO12	PS01	PSIG2	
	н	м	M	M	н	м							м	н	
0															



AIET MIE	Т		10	C 0431366030	é		(n) ***	MUN KOAC	Alimes courts	an coe con					
ENGINEERING COLLEGE Intro University Recognition Introductor National (International (Inte	Received instrume		1					Home	About Dep	partments Ac	cademics Facili	ties Admitsion	Case			
Nout Depertment	•	Two da	ays Work	shop on	"Advan	ced Med	ical Instr	umentat	ion Sens	ory Devi	ces to Life	-Saving D	evices" fr	om 09.12.	2024 to 10	.12.2024
cor & Mucon	+															
IG & PSO	•	Topic 'Adrense	cr Advanced Medical Instrumentation Servicy Devices to Life-Saving Devices Date 08:12,2024 6: 10:12,2024													
0.6.90		Verse TBP Ser	n TBP Seminar Hall and Microproposace Lab. No. of Soughth 128 B. 11.													
		Resource perso	rs Mr. Parest N	(adh												
ies (y		RANTRONS HE	ALTHCAREDEV	ICES MATION.												
oard af Slud es	•	Objective of	Program													
udent Achivements	+	To explore	the tote of sen	iony devices in a	nodem healthca	ne.										
arriculum Details	+	tt underst														
movative Teaching	•	To an styce				dice estrument	5 () (
aboratory Details	+	15 To provide														
vents Organized	•	Topics Cove	red													
dustry Interaction	•			w. Electrical Sal	letir Anelsoer, St	orinave District	my utheoric	Diathermy, Def	Inflator (ACO).	External Pacema	iker, Puretone Aud	lometer, Medical	Simulator, Severi	ic Skin Measurem	ert	
artact Us	•	Outcomes														
1 101 10		Enforced increasing of Lancoy devices and their applications, increased analytics of life saving medical technologies. Practical insights and hands on experiences in handling advanced medical instruments. Work as a team in developing to utoris for the existing precision in the biomedical organization.														
		PO & PSO M			e en echere y											
		PO1 P 101	HC2	POS	P04	PC6	PDF	PO7	POS	PO9	#O16	PO18	PO12	PSOI	P502	PSCB
			Page .	100	POP	eva.		PLAT.				1018			1246	
		н					н	12	M	H	84		н	H		M
									0	-						
									and the	1						

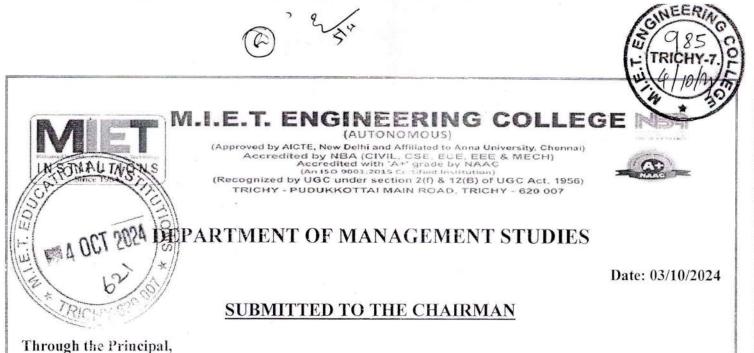
Two days Workshop on "Advanced Medical Instrumentation Sensory Devices to Life-Saving Devices" from 09.12.2024 to 10.12.2024



Without formation (Characteria & Testinalinge INSTITUTIONS Since 1984	F Trichy	IG - C! lecogr / – Pud	SE, EEE	Accrea An ISO y UGC ai Roa	CH Pro dited w 9001:2 under d, Tiru	grams with 'A + 2015 Co sectio chirap	Accre r' grad ertified on 2(f) palli –	dited t e by N/ I Institu & 12(B 620 00	AAC ution) of UG 7. Phor	, New E C Act, ne:0431		03		NATION ACCRE CSE,EEE	
- C 🗅 https://www.miet.edu/bio-medical-engin	eering.html												۹. 0	12 12 I	(§*
MET MET			- 0431 2660302	8		(°	********* R253	aid) IQAC (Norm BRJ Log	in cos con	x t				
ENGINEERING COLLEGE (Autonomous) Annu University Recognized Research Institute Institute (Institute and Autonomous)										ademics Facilit		CORNELLING			
			Worksho	op on "Tr	oublesh	ooting an	nd Testin	ng of Diag	gnostic a	nd Therap	peutic Equ	11p 3811	on 25.11.20	024	
	Topic Trouble	hooting and Te	sting of Diagnos	tic and Therap	eutic Equipment	F.			Dete: 25, 11, 20	04					
		121	SI 10						No. of Studen						
	Venue: T&P Set Resource perso								No. of Studen	5:2%					
	Managing Dire			Souloment Trai	ning and Educat	tion Martural									
				and a factor of a second	the grant sector										
	Objective of M. To train pa	110 5 0000000													
	To provide							iteri disessettir i	od therape dire	tallows					
	M. To reinford														
	To emphas														
	to develop	logical and syst	terratic approac	hes for clagnos	ing issues and i	mplementing se	dutions.								
	🕵 Ta encoura	ge teamwork ar	nd communicati	on skills among	engineers, tech	inicians, and he	althcare profess	ionals for effice	ent problem reso	ilution.					
	🔣 To educate	participants on	minimizing rep	air and replacer	nent costs throu	igh proactive m	aintenance and	troub eshootin	g.						
	To boost th	e technical com	petence of part	icipents, enhan	cing their coreer	prospects in bi	iomedical engin	teering or health	ncare technology	fields,					
	Topics Cove	ed													
	🥵 Mutf-para	neter Monitor, i	ECG Recording s	et up, Defibrita	itors, Ventilators	Utresound sci	anner, Diatheim	w machines							
	Outcomes														
	M. Our studer	ts will Understa	nd the working	of the advance	d blomedical eq	ulpments Ident	tity, analyza, and	d resolve losses	in medical equip	mont effectively.	Encure the cafety	of patient and sp	erator while handl	ing medical aquip	mant.
	Understand	that proper m	aintonance can	rectuce repair as	themeseigen bit	cost. Work as a	team in develo	ping solutions fi	or the existing p	robierns in the bio	omedical engineer	ing domain.			
	PO & PSO M	opping													
	POI	PO2	PO3	PO4	PO5	PD6	PO7	POB	PO9	POTO	POII	P012	PS01	PSO2	P5 03
	н					1.0		M	H	M.		н	H I		5.8

Workshop on "Troubleshooting and Testing of Diagnostic and Therapeutic Equipment" on 25.11.2024

PRINCIPA M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.



r mougn the r muer

Respected sir,

Sub: Requesting for Budget approval to conduct Prentice Bazaar - Reg

We have planned to conduct a Prentice Bazaar / Entrepreneurship Meet in our MBA Department on 09.10.2024 (Wednesday) for One day in our MIET Engineering College. In which, we are planning to do some product sales and management games activities for all our Engineering, Arts and Polytechnic students.

The following are the details of estimated budget for approval,

S.No	Proposed Expenses	Amount in Rs.
1	Stage Decoration in C Block auditorium	2,000
2	Flex Banner (3 no's)	2,000
3	Reception and Hospitality	1,000
4	Press and Media (Travelling Expenses & Photo print)	1,000
5	Miscellaneous (Activity kit)	2,000
	Total Estimated Amount	8,000/-

(Rupees Eight thousand only)

Hence, we kindly request you to give approval for this budget of Rs. 8,000/- to conduct this Event in a grand manner.

HoD/ M

Dr. R. Antony Prakash

Principal

Chairman 8







DEPARTMENT OF MANAGEMENT STUDIES

Cordially invites you to the

PRENTICE BAZAAR'24

Date: 09.10.2024

Time: 10.00 am - 4.30 pm

Venue: 'C' Block Auditorium - Amphitheatre.

An Entrepreneurial Experience of MBA Students

Chief Guest Er. A. Mohamed Yunus Chairman, M.I.E.T. Engineering College, Trichy.

Guest of Honour Dr. A. Naveen Sait Principal, M.I.E.T. Engineering College, Trichy.

asme 🚺



Dr.R.Antony Prakash HoD/MBA









M.I.E.T. ENGINEERING COLLEGE NBR (AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai) Accredited by NBA (CIVIL, CSE, ECE, EEE & MECH) Accredited with 'A+' grade by NAAC (An ISO 9001:2015 Certified Institution) (Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956) TRICHY - PUDUKKOTTAI MAIN ROAD, TRICHY - 620 007



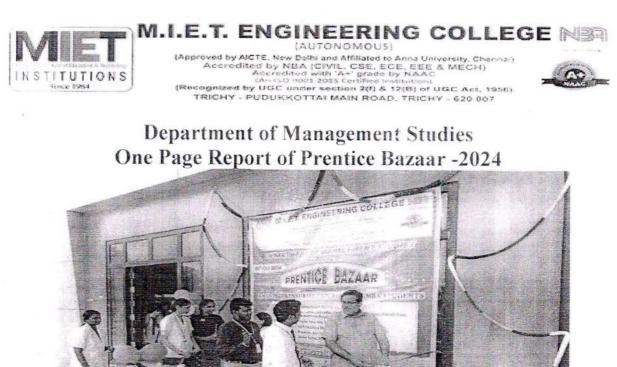
DEPARTMENT OF MANAGEMENT STUDIES PRENTICE BAZAAR

Roles and Responsibilities for Faculty Date: 09.10.2024

Signature Description **Coordinator** (staff) S.NO Proposal approval from the Principal Allocation of sharing responsibilities & Dr. R. Antony 1 duties of staff Prakash * Student participation in administering the Event Invitation Expenditure Details with copies of bill Mr.V. Pagalavan 2 Chief Guest/Resource person(s) Profile Agenda of the event Mrs. N. Anitha Raj 3 Event Schedule One page Report and Ms. R. Shantha Sheela 4 * News report Copy of Hall/Venue booking details of the event Mr.V. Pagalavan Objective of the function and Target 5 Audience details ✤ Geo-Tag Photos in event * Attendance Sheet * Feedback from Participants Ms. S. Srinisha 6 Feedback Report (Excel sheet with bar chart) Final approval with Budget from Dr. M. Ganeshan Chairman 7 Detailed report with geo-tagged photos Mr. A. Karthikeyan 8 * Discipline agalava.

T

Event Coordinator



GPS Map Camera Tiruchirappelli, Tamil Nadu, India 6/141, Tiruchirappelli, Kumaramangalam ., Tamil Nadu 620007, India Lat 10.730601° Long 78.707106° 09/10/24 11:08 AM GMT +05:30

S.No	Description	Comments			
1	Type of Event	Entrepreneurial Experience			
2	Title of the Event	Prentice Bazaar			
3	Date & Day of the Event	09-10-2024 (1 days)			
4	Venue	Auditorium -"C" Block			
5	Name of the resource person(s)	MBA Students			
6	Details of resource person(s)	MIET Chairman			
7	No. of participants	1000			
8	Event Co-Ordinator(s)	Mr. V. Pagalavan			
9	Objective(s) of the Event	To explore the marketing and entrepreneurship skills among the Students			
10	Topic(s) Covered	Experience about marketing and management activities			
11	Feedback given by participants	Students gain knowledge in Entrepreneurship and earn experience regarding marketing skills			
12	Abstract of faculty feedback	A very good exposure for marketing activities			
13	Feedback by HoD	The event was well organized by our MBA students			
14	Outcome(s) of this Event	Students gained knowledge on handling the customers and known to control their stress management.			
15	PO Mapping: PO1 PO2 PO3 PO4 PO5				

Н Н Н Н Н

L-Low, H-High, M-medium

V. Pagalavan

Event Coordinator

Q. Anty

m.l

HoD/MBA

Principal



(AUTONOMOUS) (Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai) Accredited by NBA (CIVIL, CSE, ECE, EEE & MECH) Accredited with 'A-' grade by NAAC (An ISO 9601, 2015 Centified Institution) [Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956) TRICHY - PUDUKKOTTAI MAIN ROAD, TRICHY - 620 007



DEPARTMENT OF MANAGEMENT STUDIES

Date: 14.10.24

The Department of Management studies has organized one day Students' Bazaar in the name of Prentice Bazaar'24 on 09.10.2024 from 10am to 5.00pm at our MIET Engineering College Campus. Students from both I & II MBA participated and arranged stalls by their own and sold products and services. The major objectives of this programme are to develop entrepreneurial, marketing, production, purchase and financial management skills. Students of MBA alone were permitted to set-up stalls totally 21 stalls were setup by MBA students and each stall managed by 4 -5 students. In this Bazaar, they offered food court, Garments, cosmetics, Mind Games, Beverages, Stationary items, Flowers, Jute bag, etc.,

Through this one day Bazaar, Our MBA students gained the practical exposure about organizing a market place, management of stalls, procurement of raw material, and effective utilization of finance. This programme helped for branding our MBA department among students of M.I.E.T Institutions and MBA aspirants in Engineering departments. Around 1000 students and 100 Staff members from MIET Engineering, Polytechnic and Arts & Science, were visited and enjoyed shopping experience with their friends.

V. Pagelavan

Bazzar Co-ordinator



(AUTONOMOUS) (Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai) Accredited by NBA (CIVIL, CSE, ECE, EEE & MECH) Accredited with 'A+' grade by NAAC (An ISO 9001:2015 Certified Institution) (Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956) TRICHY - PUDUKKOTTAI MAIN ROAD, TRICHY - 620 007

ENGINEERING COLLEGE



Dr.A.Naveen Sait, M.E., Ph.D. Principal

Date: 08.10.2024

Press Report

Sir,

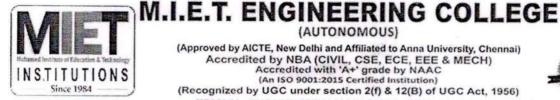
The Department of Management studies of M.I.E.T. Engineering College, Trichy, is organizing "**PRENTICE BAZAAR' 24"** - An Entrepreneurial Experience of MBA Students on 09.10.2024 at 10.00 am in C- Block Auditorium - Amphitheatre.

Er. A. Mohammed Yunus, Chairman of M.I.E.T. Engineering College will inaugurate the function. Dr.M.Y.Abdul Jaleel, Vice Chairman and Dr. A. Naveen Sait, Principal of M.I.E.T. Engineering College, will be the Guest of Honor. Aim of this program is to develop entrepreneurial, marketing, production, purchase and financial management skills for the students.

We kindly request you to publish this news in your esteemed Newspaper in Today's Engagement column on 09.10.2024.



PRINCIPAL VI.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.



(AUTONOMOUS) (Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai) Accredited by NBA (CIVIL, CSE, ECE, EEE & MECH) Accredited with 'A+' grade by NAAC (An ISO 9001:2015 Certified Institution) (Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956) TRICHY - PUDUKKOTTAI MAIN ROAD, TRICHY - 620 007



Dr.A.Naveen Sait, M.E., Ph.D. Principal

Date: 09.10.2024

Press Report

Sir.

The Department of Management studies of M.I.E.T. Engineering College (Autonomous) - Trichy was organized the "PRENTICE BAZAAR - 2024" - An Entrepreneurial Experience of MBA Students on 09.10.2024 at 10.00 am.

The function was inaugurated and first sale was presided over by the Chairman, Er. A. Mohammed Yunus, M.I.E.T. Group of Institution. Vice Chairman, Dr.M.Y.Abdul Jalil, and Principal, Dr. Naveen Sait from M.I.E.T. Engineering College (Autonomous) was the Guest of Honour. From this event MBA students got the real time experience of the Marketing and Financial Management skills.

We kindly request you to publish this news in your esteemed Newspaper on 10.10.2024.



M.I.E.T. ENGINEERING COLLEGE N (AUTONOMOUS) TE, New Delhi and Affiliated to Anna Unive d by NBA (CIVIL, CSE, ECE, EEE & locaredited with 'A+' grade by NAAC (An ISO 9051:2015 Certified Institution) UGC under section 2(f) & 12(B) of UC Chennai) of UGC Act, 1956) TRICHY - PUDUKKOTTAI MAIN ROAD, TRICHY - 620 007



DEPARTMENT OF MANAGEMENT STUDIES

Date: 04.11.2024

Advance Settlement

Respected sir,

Submission of budget settlement for MBA Prentice Bazaar -reg

We successfully organized the Prentice Bazaar Programme by our MBA Department on 09.10.2024 (Wednesday) for One day in our MIET Engineering College.

The following are the details of expenditures,

S.No	Particulars	Amount in Rs.
1	Stage Decoration in C Block auditorium- (250+160+21+50)	481
2	Mike purchased for Activity	500
3	Travelling allowance for Purchase of S. No 1&2 -(128 +100)	228
4	Press (Travelling allowance + Photos Print)- (148 +120)	268
5	Flex Transport & paste- (100 + 150)	250
6	AP Panthal & 28 – Stall Tables	3700
	Cash Expenditure	5427
7	4 Flex Banner- Cheque Expenditure	2560
	Total Expenditure=	7,987

Total Amount Received : Rs. 8000 Total Expenditure (Cash+ Cheque): Rs.7987

Balance to be returned in office

: (13 + 2560) = 2573/-

V. Pagalavan Program Coordinator

(Mr.V.Pagalavan)

(Dr. R. Antony Prakash)



(Approved by AICTE, New Drifts and Affiliated to Anna University, Chennal) Accredited by NBA (CIVIL, CSE, ECE, EEE & MECH) Accredited with 'A+' grade by NAAC (An ISO 9003 2015 Certified Institution) (Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956) TRICHY - PUDUKKOTTAI MAIN ROAD, TRICHY - 620 007

EUTONOMOUS



DEPARTMENT OF MANAGEMENT STUDIES

Proof of News Publication of Prentice Bazaar -2024

நவராத்திரி விழா: காஞ்சி சங்கரம டம் தருவானைக்காவல், காலை 7 மலிட கோ புஜை. குரு வந்தனம், பாலை 6 மணி- கர்நாடக இசை.

*** மாரியம்மன் கோயில், சமய பும், மாலை 5 மணி– சரஸ்வதி அலங்காரம், நடன நிகழ்ச்சி, மாலை 30 மணி- நடன நிகழ்ச்சி.

*** ஜம்புகேஸ்வரர் அகிலாண் டலவரி கோயில், திருவானைக்காவல், ளலை 5 மணி, சரஸ்வதி அலங்காரம்.

*** தாயுமானசுவாமி கோயில், லைக்கோட்டை, தருச்சி, மாலை 5

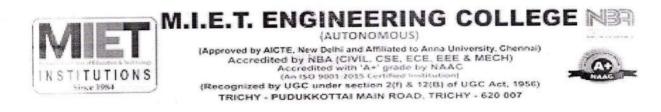
திருச்சி, காலை 11.30 மண்.

மரக்கன்று நடும் விழா: பூனாம்பா ளையம், மண்ணச்சநல்லூர், மதியம் 2.30 மணி. ஏற்பாடு: ஜமால் முகமது கல்லுாரி.

உலக பார்வை தினம் விழிப்புணர்வு வாக்கத்தான்: ஜோசப் கண் மருத்து வமனை, திருச்சி, காலை 9 மணி.

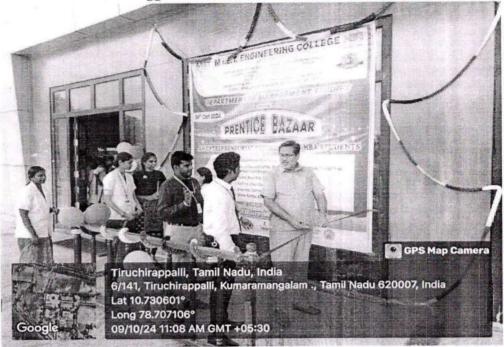
ப்ரெண்டிஸ் பஜார் 24: எம்ஐஇடி இன்றினியரிங் கல்லுாரி, தருச்சி, காலை 9 மணி.

மேகதுாதம் சொற்பொழிவு: தமிழ்ச் சங்கம், திருச்சி, மாலை 6.30 மணி



DEPARTMENT OF MANAGEMENT STUDIES

Geo-tagged Photos of Prentice Bazaar -2024







.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University. Chennai) UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi. (An ISO 9001:2015 Certified Institution) TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007. Email: principalengg@miet.edu, contact@miet.edu Website: - www.miet.edu



Ph: 0431 - 2660 303

Outcome of DoTS

- Enabled our students to learn more about the working environment and recent technologies. To enrich the knowledge about the ongoing projects in Industries.
- The students able to do qualitative analysis and uniqueness approaches in their final year project and made various project proposals to Tamil Nadu State Council for Science and Technology (TNSCST)





M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai) UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi. (An ISO 9001:2015 Certified Institution) TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007. Email: principalengg@miet.edu, contact@miet.edu Website: - www.miet.edu



Ph: 0431 - 2660 303

Sample Best Projects

PR 1PA M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.



(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai) Accredited by NBA (CIVIL, CSE, ECE, EEE & MECH) Accredited with 'A+' grade by NAAC (An ISO 9001:2015 Certified Institution) (Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956) TRICHY - PUDUKKOTTAI MAIN ROAD, TRICHY - 620 007



DEPARTMENT OF CIVIL ENGINEERING

RELEVANCE TO PO's & PSO's :

ADVANCING COASTAL RESILIENCE: EXPLORING DIVERSE GROYNE TRUCTURES WITH RECYCLED

Project Title:

ATERIALS AND GEOTEXTILES IN DHANUSHKODI USING PLAXIS 2D

AKILAN A BEER MOHAMMED J	81242 81242 81242	FHA, 20103011 0103305 0103309 0103013	
ABSTRACT		PO's Mapping	PSO's Mapping
This study explores the and optimization of groyne structu protect the coastline of Dhanu Through a comprehensive analy various models, incorp considerations of efficiency sustainability, an optimal configura determined. Utilizing concrete dem waste and waste steel slag in construction, the stability of these str is rigorously assessed, culminating identification of the most effective ma Key findings reveal the influence of groyne geometry on st emphasizing the importance of wid depth in minimizing displace	rres to shkodi sis o orating and tion i olished groynd ucture in the odel. critica ability	PO1, PO2, PO3, PO7	PSO2.

depth in minimizing displacement Additionally, the impact of the water table on structural stiffness and displacement i examined, highlighting the need for carefu consideration in design.

PO1	Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex				
	engineering problems.				
 Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences 					
PO3	Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.				
PO7	Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.				
PSO2	Competency in professional areas by way of research-based knowledge, modern Civil Engineering tools and lifelong self-learning ability.				

PO1	Engineering Knowledge	PO2	Problem Analysis	PO3	Design & Development of Solution
PO4	Investigations	PO5	Modem Tools	PO6	The Engineer & Society.
PO7	Environment & Sustainability	PO8	Ethics	PO9	Individual & Team work
PO10	Communi- cation	PO11	Project Management & Finance.	PO12	Life-long Learning
PSO1	Competency	PS02	Professional Skills		



CONCLUSION

This study investigates optimal grovne designs to protect Dhanushkodi's coastline, incorporating concrete demolished waste and steel slag. Four models are analysed, with the most stable configuration using coarse aggregate in the armour layer and a core layer of coarse aggregate and sand, achieving a factor of safety of 1.5. A similar model with demolished waste and steel slag in the core layer achieves a factor of safety of 1.4. Key findings suggest that groyne geometry, water table levels, and displacement are crucial to stability. Further research could lead to innovative designs focusing on water table control and reinforcement at the groyne toe.





(AUTONOMOUS) (Approved by AICTE, We Delhi and Affiliated to Anna University, Chennai) Accredited by NBA (CIVL, CSE, ECE, EEE & MECH) Accredited with 'A+' grade by NAAC (An ISO 9001:2015 Certified Institution) (Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956) TRICHY - PUDUKKOTTAI MAIN ROAD, TRICHY - 620 007

ENGINEERING COLLEGE



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

DELEVANCE TO DO'S & DSO'S

Project Title:Book Repository Administration System

Guide Name: Mrs. K. Dasarathi Shohi M.E., Students Name:

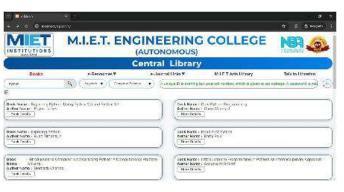
ABDUL RAHMAN. M	812420104005
KARTHIKEYAN. J	812420104038
MOHAMED RAFEEK. M	812420104056
MURALI. R	812420104065

ABSTRACT	PO's Mapping	PSO's Mapping
The "Book Repository Administration System" presents an innovative approach to streamline library management processes through a user-friendly web application. This project aims to provide students and staff with a convenient platform to efficiently navigate the library's resources. Through the system, users can seamlessly search for books, checking their availability within the library's inventory. Additionally, students/staff can access detailed information about issued books, including their respective issue and return dates, upon logging into their personalized accounts.	PO1,PO2, PO3,PO4, PO5,PO6, PO9,PO10, PO11	PSO1.

	Designed to facilitate the efficient organization,						
PO1 administration, and retrieval of resources wi							
	a library or educational institution.						
	Systematic classification, simplifying the process						
PO2	of resource identification and location for library						
	users.						
	A document repository serves as a						
PO3	centralized storage point for all you						
103	organization's critical and day-to-day						
	content.						
	The automation of activities like book and						
DO5	catalog management, easy book return, and						
P05	hassle-free book search saves time for librarians						
	students, and other users.						
	Helps the organization to save time, and increase						
PO11	efficiency, also it is cost-effective and easy to						
	implement in the organization.						
PSO1 fostering community engagement, promo							
	literacy, and supporting lifelong learning.						

	Engineering		Problem		Design & Developmen
PO1	Knowledge	PO2	Analysis	PO3	t of Solution
PO4	Investigations	PO5	Modem Tools	PO6	The Engineer & Society.
PO7	Environment & Sustainability	PO8	Ethics	PO9	Individual & Team work

PO10	Communi -cation	PO11	Project Management & Finance.	PO12	Life-long Learning
PSO1	Competency	PS02	Professional Skills		



CONCLUSION

In conclusion, the proposed system is a useful tool to predict crime hotspots and provide recommendations to women for safer routes. The system employs the explainable Decision Tree (xDT) algorithm for crime hotspot prediction and integrates Google Maps API for visualization and location-based recommendations.





(AUTONOMOUS) (Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai) Accredited by NBA (CIVIL, CSE, ECE, EEE & MECH) Accredited with 'A+' grade by NAAC (An ISO 9001:2015 Certified Institution) (Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956) TRICHY - PUDUKKOTTAI MAIN ROAD, TRICHY - 620 007



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

these locations using Maps.

Project Title:Femmesafe-Guradian Beacon for **Felony Finder**

Guide Name: Mrs.Rashitha banu.S

Students Name:

E.ARUNKUMAR A.HAJEE ALI H.A.JAVID AKBAR **J.MOHAMED RAZICK**

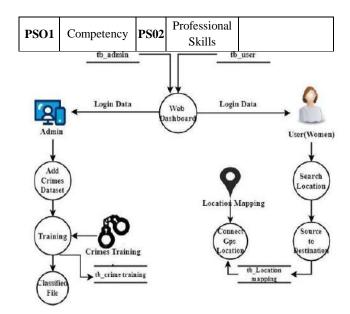
812420104015 812420104031 812420104035 812420104057

ABSTRACT	PO's Mapping	PSO's Mapping
Crime hotspot is a geographic area or location that experiences a higher rate of criminal activity compared to other areas within the same region. These hotspots where women are more likely to experience criminal activities such as sexual harassment, assault, domestic violence, stalking, and human trafficking. It enables law enforcement agencies to focus their resources on the areas with the highest crime rates and develop targeted interventions that address the underlying causes of criminal activity. Crime hot spot prediction is an important problem in public safety, and machine learning algorithms such as Deep Explainable Decision Tree is a predictive model designed to identify crime hotspots against women and provide a map of	PO1,PO2, PO3,PO4, PO5,PO6, PO9,PO10, PO11	PSO1.

RELEVANCE TO PO's & PSO's: PO1 To focus on women centric needs. To promote confidence & independence through **PO2** innovative tools. To provide tools to enchance physical and PO₃ emotional safety. To improve health outcomes with targeted **PO5** wellness products. To focus on preventive care and holistic PO11 approaches.

To use modern technologies to improve PSO1 women's daily life.

					Design &
	Engineering		Problem		Developmen
PO1	Knowledge	PO2	Analysis	PO3	t
					of Solution
			Modem		The
PO4	Investigations	PO5	Tools	PO6	Engineer
			10015		& Society.
	Environment &				Individual &
PO7	Sustainability	PO8	Ethics	PO9	Team work
			Project		Life-long
PO10	Communi	PO11	Management	PO12	υ
1010	-cation	1011	& Finance.	1012	Learning



CONCLUSION

In conclusion, the proposed system is a useful tool to predict crime hotspots and provide recommendations to women for safer routes. The system employs the explainable Decision Tree (xDT) algorithm for crime hotspot prediction and integrates Google Maps API for visualization and location-based recommendations.





M.I.E.T. ENGINEERING COLLEGE (AUTONOMOUS) (Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

Accredited by NBA (CIVIL, CSE, ECE, EEE & MECH) Accredited with 'A+' grade by NAAC (An ISO 9001:2015 Certified Institution) (Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956) TRICHY - PUDUKKOTTAI MAIN ROAD, TRICHY - 620 007



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Project Title:WIRELESSCHARGINGSYSTEMFORELECTRICVEHICLESPOWERED BYSOLAR PANELEND

Guide Name: P.DELPHINEMARY, M.E.,

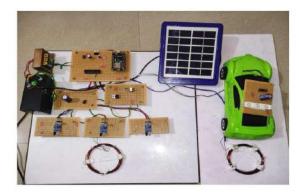
Students Name MINNALEPATHI.G SANTHAKUMAR.P SIDDHARTH.C.A YOGARAJA.T

812420106012 812420106016 812420106017 812420106023

ABSTRACT	PO's	PSO's
ADSTRACT	Mapping	Mapping
Electric vehicles are todays		
zero emission vehicular		
technology which is		
considered as the future of		
automotive industry. The		
batteries of the vehicles get		
charged in order to drive the		
vehicle. The methodology of	PO1, PO2,	
charging the electric vehicle	PO3, PO5 PO6	PSO1.
currently is through plug-in	PO11.	
method where the charging		
station charges the battery of		
an electric vehicle. However,		
an alternative method for		
charging the battery of an		
electric vehicle is through		
Wireless Power Transfer		

where	it can be as a Static or					
Dynamic charging systems.						
Static	Charging System can					
be im	plemented to charge					
the ba	tteries of the electric					
vehicle	s when the vehicle is					
parked	in static mode.					
RELE	VANCE TO PO's & PSO's:					
PO1	To reduce the size and cost of the system.					
PO2	To ensure safety and make it compact.					
PO3	To provide higher efficiency.					
PO5	To reduce losses.					
PO6	To make more utilization by reducing the					
PUo	size and cost.					
PO11	To make more affordable and easy access.					
PSO1	To save the Electric charge.					
	·					

PO1	Engineering Knowledge	PO2	Problem Analysis	PO3	Design & Development of Solution
PO4	Investigations	PO5	Modem Tools	PO6	The Engineer & Society.
PO7	Environment & Sustainability	PO8	Ethics	PO9	Individual & Team work
PO10	Communi -cation	PO11	Project Management & Finance.	PO12	Life-long Learning
PSO1	Competency	PS02	Professional Skills		



Proposed System CONCLUSION

Electric cars (EVs) are essential in the present when the environment has worsened so significantly. The government of plans to completely phase out diesel cars by the year 2030. Because waiting for an electric vehicle to charge is the biggest drawback to EV adoption, dynamic charging technology and charging stations are essential to the widespread acceptance of EVs. A renewable energy system is at the heart of the "solar-based wireless EV charging" initiative. This saved power is used to refuel EVs.





(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai) Accredited by NBA (CIVIL, CSE, ECE, EEE & MECH) Accredited with 'A+' grade by NAAC (An ISO 9001:2015 Certified Institution) (Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956) TRICHY - PUDUKKOTTAI MAIN ROAD, TRICHY - 620 007



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ProjectTitle:FUZZYLOGICCONTROLLED BOOST INVERTER WITHSTATCOMTOIMPROVEPOWERQUALITY IN GRID

Guide	Name:
M.E. ,(Ph.D).,

e: Mr. D.JAYARAJ,

Students Name D.MOHAMMED ISMAIL S.MOHAMED IRFAN SIDDHARTH.C.A

K.SIVASANKAR

812420105010 812420105321 812420105327 812420105338

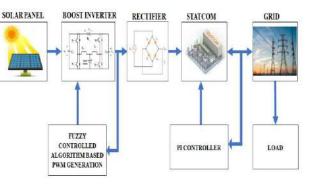
ABSTRACT	PO's	PSO's
ADSIRACI	Mapping	Mapping
ABSTRACT Our Project proposes a novel approach by combining a Boost Inverter with a Static Synchronous Compensator (STATCOM) employing Fuzzy Logic Control (FLC) for applications in unbalanced grid scenarios.The Boost Inverter is known for its ability to	Mapping PO1, PO2, PO3, PO5, PO6, PO11.	
convert AC output from a		
DC source. In the presence		
of grid voltage imbalances,		
the performance of such		

inverters	can	be			
compromised.					
this issue, a S	STAT	COM is			
integrated into the system to					
mitigate voltag	e sags	, swells,			
and unbalance					

RELEVANCE TO PO's & PSO's:

PO1	To reduce the voltage imbalance.
PO2	To ensure safety and make it compact.
PO3	To provide power quality.
PO5	To reduce power issues.
PO6	To make more voltage boosting capabilities
PO11	To make more affordable and easy access.
PSO1	To provide fast power consumption.

PO1	Engineering Knowledge	PO2	Problem Analysis	PO3	Design & Development of Solution
PO4	Investigations	PO5	Modem Tools	PO6	The Engineer & Society.
PO7	Environment & Sustainability	PO8	Ethics	PO9	Individual & Team work
PO10	Communi -cation	PO11	Project Management & Finance.	PO12	Life-long Learning
PSO1	Competency	PS02	Professional Skills		



Proposed System

CONCLUSION

The integration of a Fuzzy Logic Controlled Boost Inverter with STATCOM presents a promising approach to enhance power quality in electrical grids. The Boost Inverter, controlled by the FLC, offers efficient power conversion and voltage boosting capabilities. Additionally, the STATCOM provides fast and precise reactive power compensation, further enhancing voltage stability in the grid.

MILE T. ENGINEERING COLLEGE



ENGINEERING COLLEGE (AUTONOMOUS) proved by AICTE, New Delhi and Affiliated to Anna University, Chennai) Accredited by NBA (CIVIL, CSE, ECE, EEE & MECH) Accredited with 'A+' grade by NAAC (An Iso 9901:2015 certified institution) boognized by UGC under section 2(f) & 12(B) of UGC Act, 1956) TEICHY, BUDICKOTTAL MAND BOOD TEICHY, 620 007

TRICHY - PUDUKKOTTAI MAIN ROAD, TRICHY - 620 007



DEPARTMENT OF MECHANICAL ENGINEERING

Project Title: DESIGN AND 3D PRINTED MODEL OF WIND TURBINE BLADE FOR DOMESTIC APPLICATION

Guide Name: Dr. K. PANNEER SELVAM, M.E., Ph.D.

Students Name

AMJATH HUSSAIN. N.S 812420114006 MOHAMED HASSAN DHANVEER. Y

THOUFIQ UMAR. S YUVAPRASATH. B 812420114019 812420114031 812420114034

ABSTRACT	PO's Mapping	PSO's Mapping
The project aims to develop and optimize wind turbine blades specifically developed for generating 1KW of power in residential environments. This project aims to address the challenges in small-scale wind energy generation. Modeling of Wind Turbine Blade employs Autodesk inventor24 software tools to refine aerodynamic profiles while Computational Fluid Dynamics (CFD) Analysis was done using ANSYS workbench-R20 and enhances the aerodynamic	PO1,PO3, PO5,PO7	PSO1

performance varied conditions.	under	

RELEVANCE TO PO's & PSO's:

PO1	To improve the mechanical properties.
PO3	To develop small scale wind energy
105	generation.
PO5	Aerodynamic performance analysis was
r05	done ANSYS workbench-R20.
PO7	To meet goals of sustainable
r0/	development.
	The Computational Fluid Dynamics
PSO1	(CFD) Analysis was done using ANSYS
	workbench-R20.

PO1	Engineering Knowledge	PO2	Problem Analysis	PO3	Design & Development of Solution
PO4	Investigations	PO5	Modem Tools	PO6	The Engineer & Society.
PO7	Environment & Sustainability	PO8	Ethics	PO9	Individual & Team work
PO10	Communicati on	PO11	Project Management & Finance.	PO12	Life-long Learning
PSO1	Competency.	PS02	Professional Skills		

CONCLUSION

The scale model of wind turbine blade has been designed, analysed and fabricated for 1KW energy production. Initially, various material has been analysed and Polyethylene Terephthalate Glycol (PETG) material is selected due to its mechanical properties. The mechanical properties of PETG material is measured through experimental work for the proportion of PETG 60 wt. % + CF 40 wt. %. The young's modulus, Tensile strength and Bending stress are measured as 2.3 GPa, 10.5 MPa and 60.2 MPa respectively. The drag force 48.75 N and lift force 1126.354 N are obtained by the CFD analysis. The CFD values are compared with theoretical results. After confirming the results with the previous literatures .the wind turbine blade has been fabricated using 3D printed technology.







(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai) Accredited by NBA (CIVIL, CSE, ECE, EEE & MECH) Accredited with 'A+' grade by NAAC (An ISO 9001:2015 Certified Institution) (Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956) TRICHY - PUDUKKOTTAI MAIN ROAD, TRICHY - 620 007



DEPARTMENT OF MECHANICAL ENGINEERING

Project Title: EXPERIMENTAL INVESTIGATION OF ALKALINE BASED OXYHYDROGEN PRODUCTION

Guide Name: Mr. R.MANICKAM, M.E., (Ph.D) Students Name PUGAZHENTHI.M 812420114024 VIJAY.K 812420114033 ARUN.S 812420114308 BALAJI 812420114503

ABSTRACT	PO's Mapping	PSO's Mapping
Water electrolysis is the most promising method to produce a Hydrogen- Oxygen (HHO) mixture. However the less energy consumption is aimed to maximize the HHO production. The aim of the research is to produce the maximum gas flow rate from wet cell by modified design configurations. It is also aimed to study the effects of different parameters such as electrolyte type (NaOH and KOH), electronic concentration, electrode spacing, electrolyte	PO1,PO2, PO6,PO7	PSO1

temperatu	e,	applied	
current	voltage	and	
operating	time	to	
maximize	the gas	yield in	
wet cell.		-	

RELEVANCE TO PO's & PSO's:

PO1	To apply the knowledge of complex problems.	
PO2	To find alternative fuels for replacing fossil fuels.	
PO6	To produce the maximum gas flow rate from wet cell by modified design configurations.	
PO7	To reduce the use of fossil fuel.	
PSO1	To develop the alternative fuels.	

PO1	Engineering Knowledge	PO2	Problem Analysis	PO3	Design & Development of Solution
PO4	Investigations	PO5	Modem Tools	PO6	The Engineer & Society.
PO7	Environment & Sustainability	PO8	Ethics	PO9	Individual & Team work
PO10	Communicati on	PO11	Project Management & Finance.	PO12	Life-long Learning
PSO1	Competency.	PS02	Professional Skills		



CONCLUSION

The wet cell electrolyzer operates by passing an electric current through water, causing the water molecules to split into hydrogen and oxygen gases through a process known as electrolysis. This technology offers several advantages, including high efficiency, scalability, and the ability to utilize a wide range of water sources.

Overall, the wet cell electrolyzer technology shows great potential in the production of hydrogen as a clean and sustainable energy source. With further advancements and continued research, it has the capacity to contribute significantly to the transition towards a low-carbon and renewable energy future.









(Approved by AICTE, New Bethi and Affiliated to Anna University, Chennal) Accredited by National Board of Accreditation (CiVIL, CSE, EEE & MECH) Accredited with 'A' + grade by National Assessment and Accreditation Council (NAAC) (Recognized by UGC under Section 2(I) & 12(B) of UGC Act, 1956) (An ISO 9001: 2015 Certified Institution)

Trichy - Pudukkottai Main Road, Tiruchirappalli - 620 007, Tamil Nadu



CERTIFICATE OF MERIT

This is to certify that Selvan./Selvi. R. MURALT

Roll No. E120 5065 of IV year from the department of CSE

is appreciated with the best project award for his/her outstanding best project during

the academic year 2023 - 2024.



CHAIRMAN







(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennal) Accredited by National Board of Accreditation (GIVIL, CSE, EEE & MECH) Accredited with 'A' + grade by National Assessment and Accreditation Council (NAAC) (Recognized by UGC under Section 2(f) & 12(B) of UGC Act, 1956) (An ISO 9001: 2015 Certified Institution)

Trichy - Pudukkottai Main Road, Tiruchirappalli - 620 007, Tamil Nadu



CERTIFICATE OF MERIT

This is to certify that Selvan./Selvi. A. MUHAMMAD ASLAM

Roll No. E1201011 of IV year from the department of CIVIL

is appreciated with the best project award for his/ber outstanding best project during

the academic year 2023 - 2024.

PRINCIPAL

IRMAN

CHAIRMAN







(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai) Accredited by National Board of Accreditation (CIVIL, CSE, EEE & MECH) Accredited with 'A' + grade by National Assessment and Accreditation Council (NAAC) (Recognized by UGC under Section 2(I) & 12(B) of UGC Act, 1956) (An ISO 9001: 2015 Certified Institution)

Trichy - Pudukkottai Main Road, Tiruchirappalli - 620 007, Tamil Nadu



CERTIFICATE OF MERIT

This is to certify that Selvan./Selvi. S. MOHAMED TREAN

Roll No 522.13042 of IV year from the department of FFF

is appreciated with the best project award for his/ber outstanding best project during

the academic year 2023 - 2024.

AIRMAN

CHAIRMAN





Dav



(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai) Accredited by National Board of Accreditation (CIVIL, CSE, EEE & MECH) Accredited with 'A' + grade by National Assessment and Accreditation Council (NAAC) (Recognized by UGC under Section 2(f) & 12(B) of UGC Act, 1956) (An ISO 9001: 2015 Certified Institution)

Trichy - Pudukkottai Main Road, Tiruchirappalli - 620 007, Tamil Nadu



This is to certify that Selvan./Selvi. S. MOHANED IRFAN

Roll No. <u>F2213042</u> of <u>v</u>year from the department of <u>FFF</u>

is appreciated with the best library user award for the effective utilization of the

learning resources in M.I.E.T. Engineering College Central Library during the academic

year 2023 - 2024.

VICE CHAIRMAN

CHAIRMAN



M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi, Affiliated to Anna University. Chennai) UG - CSE, EEE & MECH Programs Accredited by NBA, New Delhi. (An ISO 9001:2015 Certified Institution) TRICHY – PUDUKKOTTAI ROAD, TIRUCHIRAPPALLI – 620 007. Email: principalengg@miet.edu, contact@miet.edu Website: - www.miet.edu



Ph: 0431 - 2660 303

TNSCST Projects

PRINCIPAL M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.



M.I.E.T. ENGINEERING COLLEGE

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai) Accredited by NBA (CIVIL, CSE, ECE, EEE & MECH) Accredited with 'A+' grade by NAAC (An ISO 9001:2015 Certified Institution) (Recognized by UGC under section 2(f) & 12(B) of UGC Act, 1956) TRICHY - PUDUKKOTTAI MAIN ROAD, TRICHY - 620 007



LIST OF THE TNSCST PROJECT REPORT FOR THE ACADEMIC YEAR

S.No	TITLE OF THE PROJECT	DEPARTMENT	NAME OF THE GUIDE
1.	Intelligent Farming System Using Internet of Things (IOT)	ECE	MsN.Priscilla Vilma Manorathi Assistant professor
2.	Intelligent Eye – Controlled Wheelchair for Quadriplegia Patients Using Internet of things (IOT)	ECE	Dr.A.Suresh Kumar Professor
3.	Real – Time Traffic Violation Detection Using Deep Learning Approach	ECE	Ms.P.Delphine Mary Assistant Professor
4.	Smart Gardening System Using IOT and AI	ECE	Mrs.V.Keerthana Assistant Professor
5.	Bio Energy Pacemakers : Harmessing Body Power for Lifelong Cardiac Care	ECE	Ms.P.Delphine Mary Assistant Professor
6.	Optimized Landslide Detection & Alert System Using IOT	ECE	Mrs.B.T.Kirthika Assistant Professor
7.	Miniaturized Mems Based Cochlear Implant For Hearing Defects	ECE	Dr.S.Archana Assistant Professor
8.	Design and Fabrication of Harmonic Verticle Axis Wind Turbine With Solar Panel For Electric Vehicle Mobile Rechargeable Station And Street Light	MECHANICAL	Dr.K.Paneer Selvam Associate Professor

<u>2023 - 2024</u>

PRINCIPAL M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPPALLI-620 007.



TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY STUDENT PROJECT PROPOSAL



Intelligent Farming System Using Internet of Things (IOT)

SUBMITTED BY

K.S. Mohamed Kaja Bhasith E. Jayakumar R. Vimal N. Naveen Kumar

UNDER THE GUIDANCE OF

Ms.N.Priscilla Vilma Manorathi ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



M.I.E.T. ENGINEERING COLLEGE TRICHY – PUDUKKOTTAI ROAD, GUNDUR TIRUCHIRAPPALLI, TAMIL NADU – 620 007.

M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPPALLI-620 007.

TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

APPLICATION FOR STUDENT PROJECT PROPOSAL (2024-2025)

Project Title : Intelligent Farming System Using Internet of Things (IOT) Student Details:

S.No	Name of the Student	Mobile No.	Email_id
1.	Mohamed Kaja Bhasith K.S.	7708819825	ksmohamedkajabhasith @gmail.com
2.	Jayakumar E	7904054716	jayakumar74040@gmail.com
3.	Vimal R	9360696374	grajangamvimal144555@g mail.com
4.	NAVEEN KUMAR N	7695972788	naveenkumar812004@gma il.com

Name of the Guide Designation

Department (Full Form)

Mobile Number Email

Name of the Institution with Address

Has a similar project been carried out in your Institution / elsewhere? Course Studying Project Details : N.PRISCILLA VILMA MANORATHI : ASSISTANT PROFESSOR : ELECTRONICS AND COMMUNICATION ENGINEERING : 9384344211 : priscillavilma1@gmail.com : MIET Engineering College, Trichy - Pudukkottai Road, Trichy 620007

: UG Engineering

: Attached

Declaration

: No

This is to certify that above mentioned students in table are bonafide **final year** students of P.G. Science / U.G. Engineering / P.G. Professional Courses of our Institution and it is also certified that two copies of utilization certificate and final report along with seminar paper will be sent to the Council after completion of the project by the end of May 2025.

N. Piùne Signature of the Guide

Signature of HoD

Signature of the Krincipal/Registrar/ Dean (with seal)

PRINCIPAL M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.

FRING COLLEGE M.I.E.T. ENGINE GUNDUR, TIRUCHIRAPPALLI-620 007.



TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY STUDENT PROJECT PROPOSAL



INTELLIGENT EYE-CONTROLLED WHEELCHAIR FOR QUADRIPLEGIA PATIENTS USING INTERNET OF THINGS (IOT)

SUBMITTED BY

S.Ahamed Yaseen S.Mohamed Amjath S.Ameen Mohideen S.Sujith Munna

UNDER THE GUIDANCE OF

Dr.A. SURESH KUMAR PROFESSOR

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



M.I.E.T. ENGINEERING COLLEGE TRICHY – PUDUKKOTTAI ROAD, GUNDUR TIRUCHIRAPPALLI, TAMIL NADU – 620 007.

> PRINCIPAL M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPPALLI-620 007.

Application No.: EEE- 2107

TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

APPLICATION FOR STUDENT PROJECT PROPOSAL (2024-2025)

Project Title : INTELLIGENT EYE-CONTROLLED WHEELCHAIR FOR QUADRIPLEGIA PATIENTS USING INTERNET OF THINGS (IOT)

Student Details:

S.No	Name of the Student	Mobile No.	Email_id
1.	AHAMED YASEEN S	8838422927	sahamedyaseem66@gm ail.com
2.	MOHAMED AMJATH S	7708585240	mdamjath177@gmail.com
3.	SUJITH MUNNA S	9787600136	sujithmunnasiva@gmail.co m
4.	AMEEN MOHIDEEN S	9488631324	ameenmohideen53@gmail. com

Name of the Guide	: Dr.A.Suresh Kumar
Designation	: Professor
Department (Full Form)	: Electronics and Communication Engineering
Mobile Number	: 9865248904
Email	: dr.sureshkumar@miet.edu
Name of the Institution with Address	: MIET Engineering College, Trichy - Pudukkottai
Name of the institution with Address	Road, Trichy 620007
Has a similar project been carried out in	: No
your Institution / elsewhere?	
Course Studying	: UG Engineering
Project Details	: Attached

Declaration

This is to certify that above mentioned students in table are bonafide **final year** students of P.G. Science / U.G. Engineering / P.G. Professional Courses of our Institution and it is also certified that two copies of utilization certificate and final report along with seminar paper will be sent to the Council after completion of the project by the end of May 2025.

nature of the Guide

Signature of HoD

Signature of the Rrincipal/Registrar/ Dean (with seal) PRINCIPAL M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE

GUNDUR, TIRUCHIRAPPALLI-620 007.



TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY STUDENT PROJECT PROPOSAL



Real-Time Traffic Violation Detection Using Deep Learning Approach

SUBMITTED BY

M.Alageswari G.Maheshwari R.Manjari

UNDER THE GUIDANCE OF

Ms.P.Delphine Mary ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



M.I.E.T. ENGINEERING COLLEGE TRICHY – PUDUKKOTTAI ROAD, GUNDUR TIRUCHIRAPPALLI, TAMIL NADU – 620 007.

M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPPALLI-620 007.

Application No. : EEE- 3203

TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

APPLICATION FOR STUDENT PROJECT PROPOSAL (2024-2025)

Project Title Real-Time Traffic Violation Detection Using Deep Learning Approach 5 Student Details:

S.No	Name of the Student	Mobile No.	Email_id
1.	Algeswari M	9360849040	alageswarimarimuthu@g mail.com
2.	Maheswari G	9751819234	maheswari14042003@gma com
3.	Manjari R	6384886276	Priyagomathi1976@gmail.c om

Name of the Guide	: Ms.P.Delphine mary
Designation	: Assistant professor
Department (Full Form)	: Electronics and communication engineering
Mobile Number	: 8248007233
Email	: delphine@miet.edu
Name of the Institution with Address	: MIET Engineering College, Trichy - Pudukkottai
internet and institution with Address	Road, Trichy 620007
Has a similar project been carried out in your Institution / elsewhere?	: No
Course Studying	: UG Engineering
Project Details	: Attached

Declaration

This is to certify that above mentioned students in table are bonafide final year students of P.G. Science U.G. Engineering / P.G. Professional Courses of our Institution and it is also certified that two copies / utilization certificate and final report along with seminar paper will be sent to the Council after completic of the project by the end of May 2025.

Signature of the Guide P. DELDHINE MAM

Signature of HoD

Signature of the Rrincipal/Registrar/ Dean

(with seal) PRINCIPAL M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007





AMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY STUDENT PROJECT PROPOSAL



SMART GARDENING SYSTEM USING IOT AND AI

SUBMITTED BY Mohamed Vasim Hussain K Dalvin Gnana Raja.D Shaik Bareeth .M Aadithiya .K

UNDER THE GUIDANCE OF

Mrs.Keerthana V ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



M.I.E.T.ENGINEERING COLLEGE TRICHY- PUDUKKOTTAI ROAD, GUNDUR TIRUCHIRAPPALLI, TAMILNADU-620007.

Office Use only

ERING COLLEGE M.I.E.T. ENGINE GUNDUR, TIRUCHIRAPPALLI-620 007.

Application No. : EEE- 3071

TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

APPLICATION FOR STUDENT PROJECT PROPOSAL (2024-2025)

Project Title : Smart Gardening System using IOT and AI

Student Details:

S.No	Name of the Student	Mobile No.	Email_id
1.	Mohamed vasim hussian K	9345816526	Vasimfayas827@gmail.c om
2.	Dalvin gnana raja D	8695755679	dalvin1462@gmail.com
3.	Shaik bareeth M	9994326892	fareedsheik180@gmail.co m
4.	Aadithiya K	9994274946	aadhiaadhithiya12@gmail.c om

Name of the Guide	: Keerthana V	
Designation	: Assistant professor	
Department (Full Form)	: Electronics and communication : 9790195996	
Mobile Number		
Email	: keerthana.v@miet.edu	
Name of the Institution with Address	: MIET Engineering College, Trichy - Pudukkottai Road, Trichy 620007	
Has a similar project been carried out in your Institution / elsewhere?	: No	
Course Studying	: UG Engineering	
Project Details	: Attached	
De	claration	

This is to certify that above mentioned students in table are bonafide final year students of P.G. Science / U.G. Engineering / P.G. Professional Courses of our Institution and it is also certified that two copies of utilization certificate and final report along with seminar paper will be sent to the Council after completion of the project by the end of May 2025.

NA/AMECE) Signature of HoD Signature of the Guide

Signature of the Principal/Registrar/ Dean (with seal) PRINCIPAL

M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPPALLI-620 007.



TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY STUDENT PROJECT PROPOSAL



Bio Energy Pacemakers: Harnessing Body Power for Lifelong Cardiac Care

SUBMITTED BY

H.THOWFIQUE AHAMED K.VIJAY A.MARIMUTHU S.DEVA

UNDER THE GUIDANCE OF

Ms.P.Delphine Mary ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



M.I.E.T. ENGINEERING COLLEGE TRICHY – PUDUKKOTTAI ROAD, GUNDUR TIRUCHIRAPPALLI, TAMIL NADU – 620 007.

M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPPALLI-620 007.

TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

APPLICATION FOR STUDENT PROJECT PROPOSAL (2024-2025)

Project Title : Bio-Energy pacemaker: Harnessing body power for lifelong cardiac care

Student Details:

S.No	Name of the Student	Mobile No.	Email_id
1.	THOWFIQUE AHAMED	9361061287	thowfiqueahamed5@gm ail.com
2.	DEVA S	7358845238	citydeva7777@gmail.com
3.	VIJAY K	7550272557	kumav291@gmail.com
4.	MARIMUTHU A	8870264897	marimuthumarimuthu64452 @gmail.com

Name of the Guide	: P.Delphine Mary	
Designation	: Assistant professor	
Department (Full Form)	: Electronic and communication engineering	
Mobile Number	: 8248007233	
Email	: delphine@miet.edu	
Name of the Institution with Address	: MIET Engineering College, Trichy - Pudukkottai	
include of the montation man Address	Road, Trichy 620007	
Has a similar project been carried out in your Institution / elsewhere?	: No	
Course Studying	: UG Engineering	
Project Details	: Attached	
De	claration	

This is to certify that above mentioned students in table are bonafide **final year** students of P.G. Science U.G. Engineering / P.G. Professional Courses of our Institution and it is also certified that two copies utilization certificate and final report along with seminar paper will be sent to the Council after completic of the project by the end of May 2025.

Signature of the Guide P. DELDYINE MANY

Signature of HoD

Signature of the Principal/Registrar/ Dean (with seal) PRINCIPAL M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPPALLI-620 007.



TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY STUDENT PROJECT PROPOSAL



Optimised Landslide Detection & Alert System Using IoT

SUBMITTED BY

Pragadeeswaran.V Mohamed Tharik.A Asarab Ali.A Vishnu Varthan.S

UNDER THE GUIDANCE OF

Mrs.B.T.Kirthika ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



M.I.E.T.ENGINEERING COLLEGE, PUDUKOTTAI ROAD, GUNDUR, TIRUCHIRAPPALLI, TAMIL NADU – 620 007

M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPPALLI-620 007.

Malatar be Forebal Service 2 Male Service 2 Male Service 2 Male 1

Application No. : EEE- 1950

TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

APPLICATION FOR STUDENT PROJECT PROPOSAL (2024-2025)

Project Title : Optimised Landslide Detection & Alert System Using IoT Student Details:

S.No	Name of the Student	Mobile No.	Email_id
1.	PRAGADEESWARAN V	9345832080	pragadeesh2704@gmail. com
2.	MOHAMED THARIK A	9894408114	thank1432f@gmail.com
3.	ASARAB ALI A	9600388076	asarafa709@gmail.com
4.	VISHNU VARTHAN S	6385650681	vishnucrazy356@gmail.co

Name of the Guide	: KIRTHIKA B T	
Designation	: ASSISTANT PROFESSOR	
Department (Full Form)	: ELECTRONICS AND COMMUNICATION ENGINEERING	
Mobile Number	: 9791229128	
Email	: kirthika.bt@gmail.com	
Name of the Institution with Address	: MIET Engineering College, Trichy - Pudukkottai Road, Trichy 620007	
Has a similar project been carried out in your Institution / elsewhere?	: No	
Course Studying	: UG Engineering	
Project Details	: Attached	
De	claration	

This is to certify that above mentioned students in table are bonafide final year students of P.G. Science / U.G. Engineering / P.G. Professional Courses of our Institution and it is also certified that two coples of utilization certificate and final report along with seminar paper will be sent to the Council after completion of the project by the end of May 2025.

. . .

Signature of the Guide

Signature of HoD

Signature of the Principal/Registrar/ Dean (with seal) PRINCIPAL M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPPALLI-620 007.



TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY STUDENT PROJECT PROPOSAL



MINIATURIZED MEMS BASED COCHLEAR IMPLANT FOR HEARING DEFECTS SUBMITTED BY

Fahadhu Rilwan A Sriganth S Mohamed Suhaj B Sanjay V

UNDER THE GUIDANCE OF

Dr.S.Archana ASSISTANT PROFESSOR

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



M.I.E.T. ENGINEERING COLLEGE TRICHY – PUDUKKOTTAI ROAD, GUNDUR TIRUCHIRAPPALLI, TAMIL NADU – 620 007.

M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPPALLI-620 007.

Application No. : EEE- 3062

TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

APPLICATION FOR STUDENT PROJECT PROPOSAL (2024-2025)

Project Title : MINIATURIZED MEMS BASED COCHLEAR IMPLANT FOR HEARING DEFECTS

Student Details:

S.No	Name of the Student	Mobile No.	Email_id
1.	FAHADHU RILWAN A	7094642611	rilwan78900@gmail.com
2.	SRIGANTH S	7397740161	sriganth415@gmail.com
3.	MOHAMED SUHAJ B	8056420180	mhdsuhaj007@gmail.com
4.	SANJAY V	9750734878	sanjaythecuber@gmail.com

Name of the Guide

Designation

Department (Full Form)

Mobile Number Email

Name of the Institution with Address

Has a similar project been carried out in your Institution / elsewhere? Course Studying Project Details

: Dr. ARCHANA S

: ASSISTANT PROFESSOR

: ELECTRONICS AND COMMUNICATION ENGINEERING

: 9447449202

: archana.s@miet.edu

: MIET Engineering College, Trichy - Pudukkottai Road, Trichy 620007

: No

: UG Engineering

: Attached

Declaration

This is to certify that above mentioned students in table are bonafide final year students of P.G. Science / U.G. Engineering / P.G. Professional Courses of our Institution and it is also certified that two copies of utilization certificate and final report along with seminar paper will be sent to the Council after completion of the project by the end of May 2025.

Signature of the Guide

Signature of HoD

Signature of the Principal/Registrar/ Dean (with seal) PRINCIPAL M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.

M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPPALLI-620 007.



STUDENT PROJECT PROPOSAL



DESIGN AND FABRICATION OF HARMONIC VERTICLE AXIS WIND TURBINE WITH SOLAR PANEL FOR ELECTRIC VEHICLE MOBILE RECHARGEABLE STATION AND STREET LIGHT

SUBMITTED BY

S.THOUFIQ UMAR Y. MOHAMED HASSAN DHANVEER B. YUVAPRASATH H. JASEEM KHAN

UNDER THE GUIDANCE OF

Dr. K. PANNEER SELVAM ASSOCIATE PROFESSOR DEPARTMENT OF MECHANICAL ENGINEERING



M.I.E.T. ENGINEERING COLLEGE TRICHY – PUDUKKOTTAI ROAD, GUNDUR TIRUCHIRAPPALLI, TAMIL NADU – 620 007.

M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPPALLI-620 007.

Office Use only

TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Application Number: 1623 Mechanical Engineering (EME

APPLICATION FOR STUDENT PROJECT PROPOSAL (2023-2024)

Project Title : Design and Fabrication of Harmonic Vertical Axis Wind Turbine with Solar Panel for E-Vehicle mobile rechargeable station and Street light.

Student Details:

S.No	Name of the Student	Mobile No.	Email_id
1.	Thoufiq Umar S	6383650237	mechthoufiqumars@gmail.com
2.	Mohamed Hassan Dhanveer Y	7339205357	dhanveermech@gmail.com
З.	Yuvaprasath B	8825781635	yuvaprasath444@gmail.com
4.	Jaseem Khan H	8248580753	jaseemkhan0304@gmail.com

Namo of the Guide	: Dr. K. Panneer Selvam
Designation	: Associate Professor
Department (Full Form)	: Mechanical Engineering
Mobile Number	: 9894967931
Email	: kpselvam.kutty@gmail.com
Name of the Institution	: M.I.E.T. Engineering College
Institution Address with Pin code	: Trichy-Pudukkottai Main Road, Gundur, Tiruchirappalli 620007
District	: Tiruchirappalli
Has a similar project been carried out	t in : No
your Institution / elsewhere?	

your Institution / elsewhere?

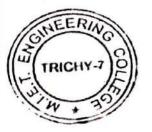
Course Studying Project Details

- : UG Engineering
- : Attached

Declaration

This is to certify that <u>Mr. S. Thoufiq Umar, Mr. Y. Mohamed Hassan Dhanveer, Mr. B. Yuvaprasath</u> <u>and Mr. H.Jaseem Khan</u> is a bonafide final year students of P.G. Science / U.G. Engineering / P.G. Profossional-Courses of our Institution and it is also certified that two copies of utilization certificate an final report along with seminar paper will be sent to the Council after completion of the project by the enof May 2024.

Signature of the Guide



chature of HoD

Signature of the Principal/Dean/Registra (with seal) PRINCIPAL M.I.E.T. ENGINEERING COLLEGE GUNDUR, TIRUCHIRAPALLI - 620 007.

