#### Time Table

		Hall	venue A	venue B	venue C	venue D	venue E
Welcome	9:00-9:20	Welcome					
Keynote	9:20-10:00	Keynote					
Sessin 1	10:10-11:10		data	control	renewable	telecomm	environ-
Sessin 2	11:15-12:15		process	system		& network	ment
Sessin 3	13:15-14:15			_	material		biometry
Sessin 4	14:20-15:20		power & energy	geotec & geograph	structure	education	
Sessin 5	15:25-16:25		C. C.IIC. BY	8-08/dp//	& fluid		
Company	16:30-17:15	company					

#### Additional keywords of Time Table:

data process	image analysis, sound, neural network, data mining, classification, transport
power & energy	power system, grid, hybrid, storage, inverter, converter, HEMS
control system	motor, automation, robotics, drone, circuit, nonlinear, bridge
geotec & geography	geology, vein, flood, terrain, disaster, geography, rural, culture, economy
renewable	natural energy, renewable energy, chemical reaction
structure & fluid	analysis and simulation of structure & fluid, thermal conductivity
telecomm & network	telecommunication, wireless, laser, security, cipher, routing, CPU
environment	radiation, bacteria, green campus, water, heavy metal, cotton, seed oil, $N_2$

### venue A

Technical	Session	
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## Data Processing

Session-1	10:10-11:10	Data Processing (1) venu	ie A
Chairperson	Wimol San-Um	, Thai-Nichi Institute of Technology, Thailand	
	Zin Mar Lwin,	MTU, Myanmar	
"Color image st	eganography usin	g cryptography and Magic LSB Substitution Method (M-LSB-SM)"	
	·····Aye Thu Hlair	ng, Khin Myo Thant, <i>Mandalay Technological University, Myanmar</i>	. 1
"Development o	f gamma column	scanning by imaging technique with MCNP simulation"	
7	Zin Bo Oo, Khaing	g Nyunt Myaing, Myo Zaw Htut, <i>Technological University(Kyauk Se</i>	e) 6
"Edge boosting	algorithm for ima	ge enhancement"	
	··Jaturon Ngernp	lubpla, Wimol San-Um, <i>Thai-Nichi Institute of Technology, Thailan</i>	d 11

Onan person	Wanna Swe, M		
Session-3 Chairperson	13:55-14:15	Power and Energy System (1) huc, Ho Chi Minh City Univ. of Tech., Vietnam	venue A
Technical So		Power and Energy System	65-123
		·· Aung Moe Khaing, Technological University (Thanlyin),	Myanmar 6
"The Goldbach o	conjecture: A sim	ple prime number problem"	111. y amman — O
A study of data	a mining techniqu 	nes Shwe Sin Thein, <i>University of Computer Studies</i> ,	Myanmar 5
"A ~+1		··· Nu War, May Phyo Oo, <i>University of Computer Studies</i>	(Banmaw) 5
"A comparative	-	ation methods of music video genre classification"	(D)
// h		MTU, Myanmar	
Chairperson		, Thai-Nichi Institute of Technology, Thailand	
Session-3	13:15-13:45	Data Processing (3)	venue A
	······ Lei Lei T	un Shwe, Wut Yi Win, Mandalay Technological University,	Myanmar 4
"Wall edge dete	ction with Hough	transform for mobile robot self-localization in indoor envir	conment"
	····· Mi Mi My	yint Phu, Yin Yin Aye, Mandalay Technological University,	Myanmar 4
"Optical flow ba	used moving object	t detection"	
	-	ay Technological University, Myanmar, Okayama Universi	ty, Japan 3
_		y Nway Waing, Keigo Watanabe,	
		ystem for vehicles by an image-based fuzzy controller"	Myaninai 0
	_	ition of warning and prohibitory traffic signs in night condi- we Seng, Khin Thu Zar Win, <i>Pyay Technological Uniersity,</i>	
"Automotic data	-	anmar, University of Malaya, Malaysia, Okayama Univers	2, 2
·····Saw Nan		Oo, Mazliza Othman, Nobuo Funabiki, <i>Mandalay Technolo</i>	-
	cle anti-theft trac		
		Nwe New, Computer University (Monywa),	Myanmar 2
"Comparison of	outlier detection	in big trajectory data"	
	Zin Mar Lwin,	MTU, Myanmar	
Chairperson	Wimol San-Um	, Thai-Nichi Institute of Technology, Thailand	
Session-2	11:15-12:15	Data Processing (2)	venue A
	Ye Htet, Htin Ky	aw Oo, University of Technology (Yatanarpon Cyber City),	Myanmar 2
"Intelligent sma	all-scale strawber	ry irrigation system for different weather conditions"	
	Swe Swe Win, W	ut Yi Win, Me Me Ko, Mandalay Technological University,	Myanmar 1
"Vehicle trackin	ng by using blob d	etection with MOG2 background subtractor and franeback	optical flow"
_		, Jirameth Juntri, Wimol San-Um, <i>Thai-Nichi Institute of</i>	
·		Sorawit Fong-In, Jindarat Chancharoen, Premsinee Pharks	suwa,
"Local authority	z identification wi	ith deep convolution neural network"	

-	11 kV AC grid"	
5	Yu Yu Khin, Wunna Swe, <i>Mandalay Technological University, Myanmar</i>	65
"Voltage mode c	ontrol of two-phase interleaved boost converter with two separate input inductors"	
_	······· Yin Yin Phyo, Tun Lin Naing, Mandalay Technological University, Myanmar	67
Session-4	14:20-15:20 Power and Energy System (2) venue	<u>—</u>
Chairperson	Nguyen Huu Phuc, Ho Chi Minh City Univ. of Tech., Vietnam	
	Wanna Swe, MTU, Myanmar	
"Design and im	plementation of isolated push-pull buck DC-DC converter using PWM controller IC"	
	···· Win Mon Thant, Tun Lin Naing, Mandalay Technological University, Myanmar	73
"DC-link voltage	e control of DC-DC boost converter-inverter system with Type-III controller"	
	······ Thandar Aung, Tun Lin Naing, <i>Mandalay Technological University, Myanmar</i>	79
"Real time simu	lation of 500 Hz MMC converter"	
····· Takuya	Tomioka, Isao Iyoda, Yoshimichi Ito, Osaka Electro-Communication University, Japan	85
"Develop a swite	ching function model and experimental validation of three-phase step-wave inverter	
between 120°	and 180° conduction"	
	·· Nandar Htin Win, Tun Lin Naing, Mandalay Technological University, Myanmar	87
"A fundamental	study on harmonic reduction using band pass filter for AC voltage control"	
	····· Masahiro Togo, Hiroaki Kakigano, Ritsumeikan University, Japan	93
"A study on DC-	DC converter with cell balancing function for main storage and auxiliary battery"	
	····· Hironori Ozeki, Hiroaki Kakigano, Ritsumeikan University, Japan	96
Session-5	15:25-16:25 Power and Energy System (3) venue	$\overline{\mathbf{A}}$
Chairperson	Nguyen Huu Phuc, Ho Chi Minh City Univ. of Tech., Vietnam	
	Wanna Swe, <i>MTU, Myanmar</i>	
"PWM based PI	D controller for DC-DC boost converter"	
	····· Nanda Kyaw, Tun Lin Aung, Technological University (Hmawbi), Myanmar	100
"Performance of	f power factor raising using capacitor values"	
····· Khin Tra	ar Trar Soe, San Hlaing Oo, Technological University (Kyaing Tong),	
	Myanmar Aerospace Engineering University, Myanmar	107
"Performance a	nalysis on hybrid energy storage installation in microgrid system"	
	····· Su Su San, Zarchi Linn, Yangon Technological University, Myanmar	112
"Implementing	demand side management program inside a typical home"	
••••• ]	Zin Wai Wai Lwin, Okka, Zarchi Linn, Yangon Technological University, Myanmar	114
"Power control k	pased on artificial neural networks controller in grid connected PV system"	
	····· Ree Myar, Zarchi Linn, Yangon Technological University, Myanmar	116
"Combination of	f analytical method and heuristic technique for optimal DG allocation in practical	
distribution	network: Case study in Myingyan Distribution Area"	
	····· Kyaw Myo Lin, Pyone Lai Swe, and Khine Zin Oo,	
M	Iandalay Technological University, Technological University (Yamaethin), Myanmar	118

# Control System

	10:10-11:10 Control System (1) venue l	В
Chairperson	Kunanon Kittipute, Thai-Nichi Institute of Technology, Thailand	
	Wiut Yee Win, MTU, Myanmar	
Simulation of o	design and construction of quadcopter with EDF in Mandalay"	
····· Mya	Hnin Su, Aung Bhone Pyi, Myanmar Aerospace Engineering University, Myanmar	124
Simulation of o	development of tri-copter in Mandalay"	
····· Mya	Hnin Su, Aung Bhone Pyi, Myanmar Aerospace Engineering University, Myanmar	126
Object tracking	g method for unmanned aerial vehicles based on visual feedback"	
····· Kazuki	Nagahata, Riku Tatsuta, Keita Yoshida, Yoshimichi Ito, and Isao Iyoda,	
	Osaka Electro-Communication University, Japan	128
Kinematics an	d workspace analysis of a six degree of freedom articulated robotic arm using Robotic	
Toolbox in M	IATLAB"	
····· Nang Yi	Phoo Thet, Myint Thein, Htay Htay Win,	
	Mandalay Technological University, Myanmar	130
Analysis on sn	ake robot dynamic and investigating rough terrain using MATLAB"	
····· Lu Mai,	Maung Maung Latt, Kyaw Zin Latt,	
	Mandalay Technological University, Technological University (Taungoo), Myanmar	$13\epsilon$
Design and im	plementation of the kinematic model for pick and place robot arm"	
	· Mo Mo Aung, Saw Aung Nyein Oo, Mandalay Technological University, Myanmar	139
	Mo Mo Aung, Saw Aung Nyein Oo, <i>Mandalay Technological University, Myanmar</i> 11:15-12:15 Control System (2) venue l	
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Session-2 Chairperson	11:15-12:15 Control System (2) venue l Kunanon Kittipute, Thai-Nichi Institute of Technology, Thailand	
Session-2 Chairperson Wheel speed ca	11:15-12:15 Control System (2) venue I Kunanon Kittipute, <i>Thai-Nichi Institute of Technology, Thailand</i> Wiut Yee Win, <i>MTU, Myanmar</i>	
Session-2 Chairperson Wheel speed ca	11:15-12:15 Control System (2) venue I  Kunanon Kittipute, Thai-Nichi Institute of Technology, Thailand  Wiut Yee Win, MTU, Myanmar  alculation for twin spherical balls robot"	
Session-2 Chairperson Wheel speed ca	11:15-12:15 Control System (2) venue I Kunanon Kittipute, Thai-Nichi Institute of Technology, Thailand Wiut Yee Win, MTU, Myanmar alculation for twin spherical balls robot" ai Myo Win, Aung Ko Win, Aung Myat San,	B
Session-2 Chairperson Wheel speed ca Ei Ei Wa	11:15-12:15 Control System (2) venue I  Kunanon Kittipute, Thai-Nichi Institute of Technology, Thailand Wiut Yee Win, MTU, Myanmar  alculation for twin spherical balls robot"  ai Myo Win, Aung Ko Win, Aung Myat San,  Mandalay Technological University, Myanmar	B
Session-2 Chairperson Wheel speed ca Ei Ei Wa	11:15-12:15 Control System (2) venue I  Kunanon Kittipute, Thai-Nichi Institute of Technology, Thailand Wiut Yee Win, MTU, Myanmar  alculation for twin spherical balls robot"  ai Myo Win, Aung Ko Win, Aung Myat San,  Mandalay Technological University, Myanmar  dically forced macroscopic oscillator model based on signal and system theory"	B
Session-2 Chairperson Wheel speed ca Ei Ei Wa	11:15-12:15 Control System (2) venue I  Kunanon Kittipute, Thai-Nichi Institute of Technology, Thailand Wiut Yee Win, MTU, Myanmar  alculation for twin spherical balls robot"  ai Myo Win, Aung Ko Win, Aung Myat San,  Mandalay Technological University, Myanmar  dically forced macroscopic oscillator model based on signal and system theory"  on Kittipute, Wimol San-Um and Pramote Wardkien, Thai-Nichi Institute of Technology,	B
Session-2 Chairperson Wheel speed ca Ei Ei Wa A unified perio Kunano Analysis of a ca	11:15-12:15 Control System (2) venue I  Kunanon Kittipute, Thai-Nichi Institute of Technology, Thailand Wiut Yee Win, MTU, Myanmar  alculation for twin spherical balls robot"  ai Myo Win, Aung Ko Win, Aung Myat San,  Mandalay Technological University, Myanmar  dically forced macroscopic oscillator model based on signal and system theory"  In Kittipute, Wimol San-Um and Pramote Wardkien, Thai-Nichi Institute of Technology,  King Mongkut's Institute of Technology, Thailand	B
Session-2 Chairperson Wheel speed ca Ei Ei Wa A unified perio Kunano Analysis of a ca	11:15-12:15 Control System (2) venue I Kunanon Kittipute, Thai-Nichi Institute of Technology, Thailand Wiut Yee Win, MTU, Myanmar alculation for twin spherical balls robot" ai Myo Win, Aung Ko Win, Aung Myat San,  Mandalay Technological University, Myanmar adically forced macroscopic oscillator model based on signal and system theory" an Kittipute, Wimol San-Um and Pramote Wardkien, Thai-Nichi Institute of Technology,  King Mongkut's Institute of Technology, Thailand alass of nonlinear control systems using projection method"	B 148
Session-2 Chairperson Wheel speed ca Ei Ei Wa 'A unified perio Kunano 'Analysis of a ca Soe Nay	11:15-12:15 Control System (2) venue I Kunanon Kittipute, Thai-Nichi Institute of Technology, Thailand Wiut Yee Win, MTU, Myanmar alculation for twin spherical balls robot" ai Myo Win, Aung Ko Win, Aung Myat San,  Mandalay Technological University, Myanmar dically forced macroscopic oscillator model based on signal and system theory" an Kittipute, Wimol San-Um and Pramote Wardkien, Thai-Nichi Institute of Technology,  King Mongkut's Institute of Technology, Thailand alass of nonlinear control systems using projection method" a Lynn Aung, Akimenko D.A., Mandalay Technological University, Myanmar,	B
Session-2 Chairperson Wheel speed ca Ei Ei Wa 'A unified perio Kunano 'Analysis of a ca Soe Nay	11:15-12:15 Control System (2) venue I Kunanon Kittipute, Thai-Nichi Institute of Technology, Thailand Wiut Yee Win, MTU, Myanmar alculation for twin spherical balls robot" ai Myo Win, Aung Ko Win, Aung Myat San,  Mandalay Technological University, Myanmar adically forced macroscopic oscillator model based on signal and system theory" an Kittipute, Wimol San-Um and Pramote Wardkien, Thai-Nichi Institute of Technology,  King Mongkut's Institute of Technology, Thailand alass of nonlinear control systems using projection method" a Lynn Aung, Akimenko D.A., Mandalay Technological University, Myanmar,  Bauman Moscow State Technical University (Kaluga Branch), Russia	B 148
Session-2 Chairperson  Wheel speed ca Ei Ei W  A unified perio Kunano  Analysis of a ca Soe Nay  Design and im	11:15-12:15 Control System (2) venue I  Kunanon Kittipute, Thai-Nichi Institute of Technology, Thailand Wiut Yee Win, MTU, Myanmar  alculation for twin spherical balls robot" ai Myo Win, Aung Ko Win, Aung Myat San,  Mandalay Technological University, Myanmar  dically forced macroscopic oscillator model based on signal and system theory" an Kittipute, Wimol San-Um and Pramote Wardkien, Thai-Nichi Institute of Technology,  King Mongkut's Institute of Technology, Thailand  lass of nonlinear control systems using projection method" a Lynn Aung, Akimenko D.A., Mandalay Technological University, Myanmar,  Bauman Moscow State Technical University (Kaluga Branch), Russia  plementation prototype of auto bridge system at low cost and bi-functional"	B 148
Session-2 Chairperson  Wheel speed ca Ei Ei W  A unified perio Kunano  Analysis of a ca Soe Nay  Design and im	11:15-12:15 Control System (2) venue I  Kunanon Kittipute, Thai-Nichi Institute of Technology, Thailand Wiut Yee Win, MTU, Myanmar  alculation for twin spherical balls robot"  ai Myo Win, Aung Ko Win, Aung Myat San,  Mandalay Technological University, Myanmar  dically forced macroscopic oscillator model based on signal and system theory"  In Kittipute, Wimol San-Um and Pramote Wardkien, Thai-Nichi Institute of Technology,  King Mongkut's Institute of Technology, Thailand  lass of nonlinear control systems using projection method"  Y Lynn Aung, Akimenko D.A., Mandalay Technological University, Myanmar,  Bauman Moscow State Technical University (Kaluga Branch), Russia  plementation prototype of auto bridge system at low cost and bi-functional"  Tin Tin Nwet, University of Computer Studies (Sittway), Myanmar	B 148

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Chairperson	Kunanon Kittip	ute, Thai-Nichi Institute of Technology, Thailand	
	Wiut Yee Win,	MTU, Myanmar	
"Double loop co	ntrol of H-bridge l	DC chopper fed PMDC motor drive using back EMF compensation"	
	····· Zin Maw T	un, Tun Lin Naing, <i>Mandalay Technological University, Myanmar</i>	16
"PID based traj	ectory tracking co	entrol of autonomous mobile robot"	
····· Me	e Me Ko, Kyaw Th	niha, Swe Swe Win, <i>Mandalay Technological University, Myanmar</i>	17
"Designing a ty		lio amplifier and analysing the effect of DC power supply on crossover rtion"	•
····· Thit Wa	so Khine, May Ny	we Myint Aye, Technological University (Lashio),	
		Mandalay Technological University, Myanmar	180
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Chairperson	Atsushi Okuno,	Green Planets Co. Ltd., Japan	
	Su Su, MTU, M	yanmar	
"Shortest route	finding system fo	r Pyu Ancient City"	
	····· Thin T	Thin Soe, Nay Chi Htun, Pyay Technological University, Myanmar	18
"Effects of asset Thailand"	condition on the	profitability of moving average trading rules in the stock exchange of	
····· Rujira C	Chaysiri, Chalwali	it Jeenanunta, Nimesha Priyangi Senanayake Ihala Gamage, Sirindh	orn
	Intern	ational Institute of Technology, Thammasat University, Thailand	18
Session-4	14:20-15:20	Geotechnical Eng. and Geography (2) venue	В
Chairperson	Atsushi Okuno,	Green Planets Co. Ltd., Japan	
	Su Su, MTU, M		
· ·		rer change using GIS (case area: Pyin Oo Lwin Township)"	
		Eain, University of Technology (Yatanarpon Cyber City), Myanmar	19.
		ines in historical wall paintings"	
		ye Seng, Khin Thu Zar Win, <i>Pyay Technological Uniersity, Myanmar</i>	19
		r landslide disaster"	
		Vu Van Khoa, Shigeru Takayama, <i>Ritsumeikan University, Japan</i>	19
"Estimation of d	_	muddy river flow"	
		··· Kohei Tanaka, Shigeru Takayama, Ritsumeikan Univ., Japan	19
	irron monnhology	1	ship"
A 73.4F		changes along the Ayeyarwady river from Sagaing to Nyaung U towns	
····· Aye Mya		cnanges along the Ayeyarwady river from Sagaing to Nyaung U towns ya Htun, Zin Mar Lwin, <i>Mandalay Technological University, Myanmar</i>	20.

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Chairperson	Masanobu Nag	ata, <i>Ichinoseki Tech. High Sch., Japan</i>	
	Su Su, MTU, M	<i>lyanmar</i>	
"Environmenta	al issues of Thing	azar Creek and its surrounding area, Mandalay"	
		$\cdot\cdot$ Myat Soe Phyu, Mandalay Technological University, Myann	mar 21
"Geotechnical as	ssessment of rock	x mass and potential failures in stope mining at NPGPGL unde	erground
gold mine, My	anmar"		
····· N. Naur	ıg, H. Shimada, T	. Sasaoka, A. Hamanaka, S. Wahyudi and M. Pisith,	
		Kyushu University, Jap	pan 218
"Valuable archit	ectural handiwo	rks of Myanmar traditional wooden houses"	
	D	aw Khin San Win, <i>Mandalay Technological University, Myann</i>	nar 220
"The significance	e of colonial built	t heritage in Pyin-Oo=Lwin's urban area, Myanmar"	
	•••	···· Than Htay Oo, Mandalay Technological University, Myann	nar 223
"Paleontology of	the Nan Un – K	ong Tha area, Hsipaw Township, Northern Shan State"	
····· Swe Hni	n Maung, Khain	g Khaing San, Zar Ni Swe,	
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Chairperson	Hironari Nozak	i, Aichi Univ. of Edu., Japan	
	Htay Htay Win,	MTU, Myanmar	
"Research for fa	brication of lithiu	m ion capacitor by new pre-doping method"	
····· Tetsu	roh Hisada, Shouj	i Usuda and Isao Iyoda, <i>Osaka Electro-Communication Unive</i>	rsity 230
"Research for fa	brication of lithiu	m-ion capacitor by vertical doping method"	
····· Kiyoto S	Shiiba, Tetsuroh H	lisada, Shouji Usuda and Isao Iyoda,	
		Osaka Electro-Communication Univers	sity 234
"Research for fa	brication and app	lication of lithium iron phosphate battery (LiFePO4 battery)"	
····· Hiro	oki Ikeda, Shouji U	Usuda and Isao Iyoda, <i>Osaka Electro-Communication Universi</i>	ity 237
"Fuel from plast	tic wastes by pyro	lysis process"	
····· Tin T	un Lwin, Moe Th	anda Kyi, <i>Myanmar Aerospace Engineering University, Myann</i>	mar 241
"An automatic p	oressure control m	nethod to continuous hydrogen generation system"	
	•••••	Yu Cherry Aung, Ichijo Hodaka, <i>University of Miyazaki, Japa</i>	n 243
"Development o	f an apparatus fo	observation of fundamental biomass reaction"	
····· Moe Tha	anda Kyi, Reiji No	oda,	
-	Myanmar Aerospa	ace Engineering University, Myanmar, Gunma University, Jap.	an 245

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Chairperson	Hironari Nozaki,	Aichi Univ. of Edu., Japan	
	Htay Htay Win,	MTU, Myanmar	
Terrain charac	teristic function for	r prediction of wind farm power generation"	
····· Shoshi I	noue, Toshiyuki Na	agoshi, Mayumi Yoshioka, Kaei Washino and Satoshi Itou, <i>Hokkaid</i>	lo
University of	Education, Iwate U	University, Nagoya University, Gifu Shotoku Gakuen University	24
'Solar irradiand	e and power outpu	t modeling of photovoltaic module for reliability studies: case study	of
Mandalay reg	rion"		
	···· Thin Thin Moe	e, Kyaw Myo Lin, <i>Mandalay Technological University, Myanmar</i>	25
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r	Γhin Thin Lwin, W	unna Swe, Phyu Phyu Win, Mandalay Technological University	25
'Optimization a	nd comparative an	nalysis of mega solar power generation system in Thilawa Special	
Economic zon	e using Homer"		
			2.0
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Session-3 Chairperson Development o	<b>13:15-14:05</b> Atsushi Okuno, <i>O</i> Chaw Su Su Hmy	Material Science  Material Science  Green Planets Co. Ltd., Japan  we, MTU, Myanmar	290 e C
Session-3 Chairperson Development o Ma	13:15-14:05 Atsushi Okuno, C Chaw Su Su Hmy f AlInN/GaN hetery y Nwe Myint Aye, '	Material Science  Material Science  Green Planets Co. Ltd., Japan  we, MTU, Myanmar  rojunction structure based on physical characteristics for HEMT des	290 e C sign"
Session-3 Chairperson Development o Ma	Atsushi Okuno, of Chaw Su Su Hmy AlInN/GaN heter y Nwe Myint Aye, 'sulation of calcium	Material Science  Material Science  Green Planets Co. Ltd., Japan  we, MTU, Myanmar  rojunction structure based on physical characteristics for HEMT des Than Htike Aung, Mandalay Technological University, Myanmar	290 e C sign" 26
Session-3 Chairperson Development o Ma Tolymer encap	13:15-14:05 Atsushi Okuno, C Chaw Su Su Hmy f AlInN/GaN heter y Nwe Myint Aye, ' sulation of calcium Yaminn Ly	Material Science  Material Science  Green Planets Co. Ltd., Japan  we, MTU, Myanmar  ojunction structure based on physical characteristics for HEMT des Than Htike Aung, Mandalay Technological University, Myanmar  a sulfoaluminate (CSA) cement"	290 e C sign" 26
Session-3 Chairperson Development o Ma Polymer encap	13:15-14:05 Atsushi Okuno, C Chaw Su Su Hmy f AlInN/GaN heter y Nwe Myint Aye, ' sulation of calcium Yaminn Ly	Material Science  Material Science  Green Planets Co. Ltd., Japan  we, MTU, Myanmar  rojunction structure based on physical characteristics for HEMT des  Than Htike Aung, Mandalay Technological University, Myanmar  a sulfoaluminate (CSA) cement"  win, Tint Tint Kywe, Yangon Technological University, Myanmar	290 e C sign" 26
Session-3 Chairperson Development o Ma Polymer encap	13:15-14:05 Atsushi Okuno, C Chaw Su Su Hmy f AlInN/GaN heter y Nwe Myint Aye, ' sulation of calcium Yaminn Ly	Material Science  Material Science  Green Planets Co. Ltd., Japan  we, MTU, Myanmar  rojunction structure based on physical characteristics for HEMT des Than Htike Aung, Mandalay Technological University, Myanmar  a sulfoaluminate (CSA) cement"  win, Tint Tint Kywe, Yangon Technological University, Myanmar  f gallium arsenide (GaAs) depend on thermal changes"	290 e C sign"
Session-3 Chairperson Development o Ma Polymer encap Analysis on ph Win Tur	Atsushi Okuno, of Chaw Su Su Hmy AllınN/GaN heter y Nwe Myint Aye, sulation of calcium Yaminn Lysical properties of Oo, Maung Maun	Material Science  Material Science  Green Planets Co. Ltd., Japan  we, MTU, Myanmar  rojunction structure based on physical characteristics for HEMT des  Than Htike Aung, Mandalay Technological University, Myanmar  a sulfoaluminate (CSA) cement"  win, Tint Tint Kywe, Yangon Technological University, Myanmar  f gallium arsenide (GaAs) depend on thermal changes"  g Latt, Tin Tin Hla, Technological University (Taungoo),	290 e C sign" 263
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	Nilar Aye, <i>MTU</i>	I, Myanmar	

<sup>&</sup>quot;Numerical study on flow characteristics of axial flow hydro turbine"

····· Nandar Win, Myat Myat Soe, Mandalay Technological University, Myanmar

"Design and analysis of loopwing horizontal axis wind turbine blade based on solidity and airfoil profile	e"
····· Aye Aye Aung, Myat Myat Soe, Mandalay Technological University, Myanmar	297
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····· Aung Myat Thu, WarWarMinSwe, Thin Thin Lwin,	
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····· Ni Ni Hlaing, Htay Htay Win, Mandalay Technological University, Myanmar	313
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····· May Zon Than Oo, Htay Htay Win, Aung Ko Latt,	
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····· Win Pa Pa Myo, Satoru MOMOKI, Nyein Aye San,	
····· Win Pa Pa Myo, Satoru MOMOKI, Nyein Aye San,  Mandalay Technological University, Myanmar, Nagasaki University, Japan	330
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**Mandalay Technological University, Myanmar, Nagasaki University, Japan  "Experimental investigation of horizontal axis wind tunnel"  Myat Myat Soe, **Mandalay Technological University, Myanmar  "Health monitoring of a long span steel arch bridge"  San Yu Khaing, **Mandalay Technological University, Mandalay, Myanmar	333
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	Nan Aye Aye H	twe, <i>MTU, Myanmar</i>	
"Study of spectr	um utilization us	sing wireless VLAN"	

<sup>·····</sup> Khin Kyu Kyu Win, Soe Lin Phyo, Ye Yint Moe,

····· Aye Zarchi Minn, Hein Min Latt, Yangon Technological University, Myanmar,	
"A new cipher algorithm using A.J cipher and remainder theorem"	
Chairperson Chadaporn Keatmanee,, <i>Thai-Nichi Institute of Technology, Thailand</i> Nan Aye Aye Htwe, <i>MTU, Myanmar</i>	
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	Phyoe Wai Htu	un, <i>MTU, Myanmar</i>	
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**Environment Science and Technology** 

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