



UNIVERSITI
TEKNOLOGI
MARA



Polymer Technology Program
School of Industrial Technology
Faculty of Applied Sciences

UNIVERSITI TEKNOLOGI MARA

POLYMER TECHNOLOGY LECTURERS

BIL	NAME		POSITION	RESEARCH INTEREST
1	ASSOC. PROF. DR. ROZANA MOHD DAHAN		Deputy Dean Research, Industrial Linkages, Alumni and Entrepreneur Networking Member Orchestrated Polymer Research Group	Functional polymers and nano composites for memory devices
2	ASSOC. PROF. DR. DZARANI KAMARUN		Head Orchestrated Polymer Research Group	Polymer modifications and characterization
3	ASSOC. PROF. DR. RAHMAH MOHAMED		Head Green Polymer Research Group	Green polymeric materials and applications
4	ASSOC. PROF. DR. SITI ZALEHA SA'AD		Member Orchestrated Polymer Research Group	Biocomposites for bone implant/ Utilization of non toxic polymeric additives via advanced fabrication

POLYMER TECHNOLOGY LECTURERS

BIL	NAME		POSITION	RESEARCH INTEREST
5	DR. AHMAD ZAFIR ROMLI		Head Center of Polymer Composites Research and Technology (PoCResT) Fellow : Institute of Science	Polymer composite systems, polymer blend. Physical, mechanical and thermal analysis, thermoset and thermoplastics processing
6	DR. ENSKU ZAHARAH BT ENSKU ZAWAWI		Member Orchestrated Polymer Research Group	Polymer nano composites
7	DR. NORAZURA IBRAHIM		Member Orchestrated Polymer Research Group	Polymer processing & rubber technology
8	DR. AHMAD FAIZA BIN MOHD		Member Green Polymer Research Group	Polymer chemistry, polymer modification and renewable polymer

POLYMER TECHNOLOGY LECTURERS

BIL	NAME		POSITION	RESEARCH INTEREST
9	DR. RAJA ROSLAN RAJA MOHAMED		Member Green Polymer Research Group	Plastic processing and product design
10	DR. SITI NORLIYANA MAMAUOD		Fellow Center of Polymer Composites Research and Technology (PoCResT) (Institute of Science)	
11	PN. MONA RITA BT OSMAN		Special leave	Polymer Composites
12	PN. HAIRANI TAHIR		Member Green Polymer Research Group	Natural rubber latex process and product development / Protein study

POLYMER TECHNOLOGY LECTURERS

BIL	NAME		POSITION	RESEARCH INTEREST
13	PN. RADIN SITI FAZLINA NAZRAH BT HIRZIN		Member Green Polymer Research Group	Rubber modification and polymerization process
14	PN. ROSLINDA BT FAUZI		Study leave	Polymer chemistry and polymer synthesis
15	PN. ZAINATHUL AKHMAR SALIM BINTI ABDUL SALIM			Synthesis of nano silica filler from biomass waste for natural rubber

- ❑ Rubber modification and polymerization process
- ❑ NR latex process and product development
- ❑ Polymer modifications and characterization
- ❑ Polymer chemistry and polymer synthesis
- ❑ Green polymeric materials and applications
- ❑ Polymer composite systems
- ❑ Polymer processing
- ❑ Rubber technology
- ❑ Renewable polymer
- ❑ Product design
- ❑ Functional polymers

Recent Research Projects (Rubber/Latex)

Title	Researcher
Modified nickel metathesis for waste polybutadiene fragmentation/ study on styrene butadiene rubber waste	Ahmad Faiza
Green tyre development using sludge process oil on natural rubber compound	Rahmah
Epoxidised oil synthesis using catalysed metal oxide for various application in rubber and plastic compound	Rahmah
Development of rubber compound using plasma incinerated nano filler (silica) and epoxidised palm oil as processing oil in tyre application	Norazura/ Ahmad Faiza
Investigation on physical and chemical interaction of rice husk nanosilica particulates in natural rubber	Norazura
The potential of bamboo charcoal powders as filler for rubber vulcanisates	Norazura
NR/NBR latex compounding: Effect of NBR loading on its mechanical properties	Dzaraini
Blooming of additives in rubber compound: temperature and additives concentration effect on blooming rate	Dzaraini
Enhanced properties of filled NR latex films prepared with additional mastication process	Dzaraini

Recent Research Projects (Rubber/Latex)

Title	Researcher
Correlative Study Between DMTA and HBU Test	Ahmad Zafir
The Physical and Mechanical Properties of Carbon Black Filled Natural Latex Glass Fiber Laminates	Ahmad Zafir
Curing of thick rubber	Engku Zaharah
Thermoplastic polyurethane based on functionalized liquid natural rubber modification	Radin
Application Study Of The Protein From Natural Rubber Latex Wastewater	Hairani
The study of composite from natural rubber properties filled with rice husk nanosilica	Zainathul Akhmar
Silicon Rubber/Hydroxyapatite Composite for Cancellous Bone Replacement with microwave technique	Siti Zaleha
Physical and Mechanical Properties of ENR compatibilized NR/NBR Blends Reinforced Nanoclay and Nanosilica	Siti Nur Liyana
Synergistic effect of NCC/CB on the cure characteristics and Physico-Mechanical properties of NR/SBR Blends.	Siti Nur Liyana