

Fakulti Sains Gunaan



# **BACHELOR IN MATERIAL SCIENCE &** TECHNOLOGY WITH HONOURS

SARJANA MUDA TEKNOLOGI SAINS BAHAN DENGAN KEPUJIAN





### **Duration**

3.5 year (including one semester industrial training)



### Campus

Shah Alam, Selangor

ALUMNI

Muhd Firdaus bin Musthafaruddin

# **JOIN US!**

NDT Personnel

KPG Synergy Sdn Bhd

Ahmad Lotfi Zawawi Senior Engineer

Embark on an exciting journey with Universiti Teknologi MARA's B.SC. (Hons.) in Materials Science & Technology, a cuttingedge interdisciplinary program designed to provide an in-depth understanding of the science, structure, and properties of diverse materials such as metals, alloys, polymers, ceramics, semiconductors, and composites. This dynamic program goes beyond theory, equipping students with the practical skills and knowledge necessary for the real-world applications required in the manufacturing sectors of electronics, polymers, metals, ceramics, and chemicals. Spanning three and a half enriching years, including a valuable semester dedicated to industrial training. The program is a TVET-based educational program that equipped you for the technological challenges and innovations of tomorrow.



# ENTRY REQUIREMENTS

- Matriculation/Foundation Program: Minimum CGPA of 2.00 and at least Grade C in any 2 of the subjects: Physics/Mathematics,Physics/Chemistry/Biology,Chemistry /Biology.
- MUET: Band 2
- Diploma Graduates: Pass Diploma in Science, Industrial Chemistry, Polymer Technology, Textile Technology, Wood Technology, Engineering (Chemical, Electrical, Civil, Mechanical) from UiTM with a minimum CGPA of 2.00 and MUET Band 2.

# CAREER PROSPECT

- **Quality Control &** Production Engineer
- Instrumentation Technoloaist
- Test / Failure Analysis **Engineer**
- **Design Engineer**

Semiconductors,

Processing & Testing.

- **Process Engineer**
- Researcher / Scientist

- **R&D Executive**
- **Science Officer**
- **NDT** specialist
- **Industrial Consultan**
- Lecturer

Ultrasonic

- **Educator**
- **R&D Engineer**
- **Materials Scientist**

Testing,

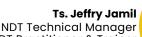
COURSES



Sabariah Abdul Rahim

Proton Holdings

Overview Downstream Executive (Offshore) Petronas Sdn Bhd





NDT & Advanced NDT Practitioner & Trainer



#### Siti Khadijah Bt Badrul **Business Development Executive** Alters Aviation Sdn Bhd

"This program aims to cultivates top-notch graduates, ready to excel across diverse industries."

> MATERIALS SCIENCE & TECHNOLOGY LECTURERSR Faculty of Applied Sciences, Universiti Teknologi MARA

**Coordinator Program** 

Faculty of Applied Sciences, Universiti Teknologi MARA, 40450 Shah ALam, Selangor.



Material science based: Metal, Ceramics, Composite, Polymer,

Materials Characterization, Green Materials & Sustainable Energy, Nanomaterials and Nanotechnology, Materials Fabrication,

Technology & Management based: Technical Drawing, CAD/CAM

for Technology, Quality Management & Industrial Safety, Digital

Advanced

Marketing, Data Mining, Product Design & Development.

https://fsg.uitm.edu.my









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