



**IQY Technical College**  
of Highlight Computer Group

**Website :**

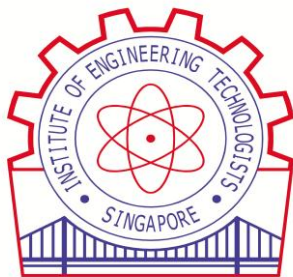
[www.highlightcomputer.com](http://www.highlightcomputer.com)

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No 33 (Third Floor (Left), Dagonthiri Street  
Kyauk-myaung Tamwe Township + No 703  
Myitta Street, South Okkalapa  
Township ,Yangon, Myanmar

**IQY – Approved Training Centre of SIET**

**Renewable Engineering**



**Established in 1980**

新加坡工程专家协会

**Singapore Institute of  
Engineering Technologists  
(SIET)**

Website : [www.siet.org.sg](http://www.siet.org.sg)

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## (A) About IQY Technical College

(Website: [www.highlightcomputer.com](http://www.highlightcomputer.com))

- IQY technical College was founded in 2012 as Engineering & Management Education Branch of Highlight Computer Group which has been operating in Myanmar since 1995. Originally Highlight Computer Group was founded as New Generation Computer System at Yankin Township of Yangon, Myanmar & the name was changed to Highlight Computer Group in 2011.
- Highlight Computer Group formerly New Generation Computer System educates hundreds of Myanmar students in computer and technical education from basic applications to university & technical college study levels.
- In 2012, the operation of Highlight Computer Group expands to engineering and management study areas in Myanmar with the assistance provided by Myanmar Engineers, Management & IT Professionals working abroad.
- Teaching curriculums of IQY Technical College are based on the curriculums of Australia, New Zealand, USA , UK & recently Singapore as an approved training centre of Singapore Institute of Engineering Technologists in Myanmar. Both Myanmar & English medium of language instructions are utilized in teaching.
- Teachers & Lecturers of IQY Technical College composes of Myanmar professionals who are working in Myanmar & overseas. E-Learning mode together with face to face attendance is utilized in teaching & learning.
- Myanmar students residing in Myanmar as well as overseas & the international students from South Pacific nations such as Fiji & Niue also study IQY Technical College's programs by e-Learning mode.
- IQY Technical College of Highlight Computer Group also teaches St Clements Technological University & St Clements University Higher Education School-Niue's Diploma/ Advanced Diploma and Bachelor Degree programs in Engineering, Information Technology and Management courses to the students of Myanmar at the price affordable to average working class people of Myanmar by co-operating with various voluntary schools in Myanmar by providing the scholarships to the needy students.
- IQY Technical College also offers the engineering programs that satisfy the academic requirements of the membership of Singapore Institute of Engineering Technologists.

## **(B) About Singapore Institute of Engineering**

### **Technologists (SIET)**

[website : [www.siet.org.sg](http://www.siet.org.sg) ]

**SIET** was founded in **1980** as a national professional body to cater for the interests of Polytechnic and VITB (now ITE) engineering and Technology graduates in Singapore.

**SIET individual membership** is structured into the following grades : Honorary Fellows (**Hon. FSIET**), Fellows (**FSIET**), Members (**MSIET**), Associate Members (**AMSIET**) and Associates (**Assoc.SIET**).

**SIET revised Professional Examinations** are held in three main Engineering Disciplines : **Civil, Electrical and Mechanical** at three broad levels/standard : **Level 1** (Associate Membership → **AMSIET**), **Level 2** (Membership → **MSIET**) and **Level 3** (Fellowship → **FSIET**).

Suitably qualified SIET members can apply to become Member of **the Society of Professional Engineers, United Kingdom** and register as as ‘**Professional Engineer (United Kingdom)**’. [MSPE, PEng(UK)]. [website : [www.professionalengineers-uk.org](http://www.professionalengineers-uk.org) ]

## © About IQY – SIET Examinations in Renewable Engineering

SIET – Level 1 Exam (8 Subjects)	Administrative Details
AM101 - Engineering and Commercial functions in business. AM102 - Engineering systems. AM103 - Engineering processes. AM104 - Engineering Materials 1. AM105 - Design development. AM106 - Engineering in society and the environment. AM107 - Science in engineering. AM108 - Mathematics for Engineering.	<ul style="list-style-type: none"> <li>- <b>Registration Fee</b> : S\$20.00 (non-refundable), payable on enrolment.</li> <li>- <b>Tuition Fee</b> : <b>S\$400 per subject@</b> [inclusive of lecture notes but excluding recommended textbooks]</li> <li>- <b>SIET Examination Fee (payable to SIET)</b> : <b>S\$40 per sitting.</b> [Each student is permitted to re-sit the same subject twice only.]</li> <li>- <b>SIET Membership Fee (payable to SIET)</b> : S\$80 (S\$30 + S\$50) for Assoc.SIET  <i>[@ to be modified to suit overseas markets]</i></li> </ul>

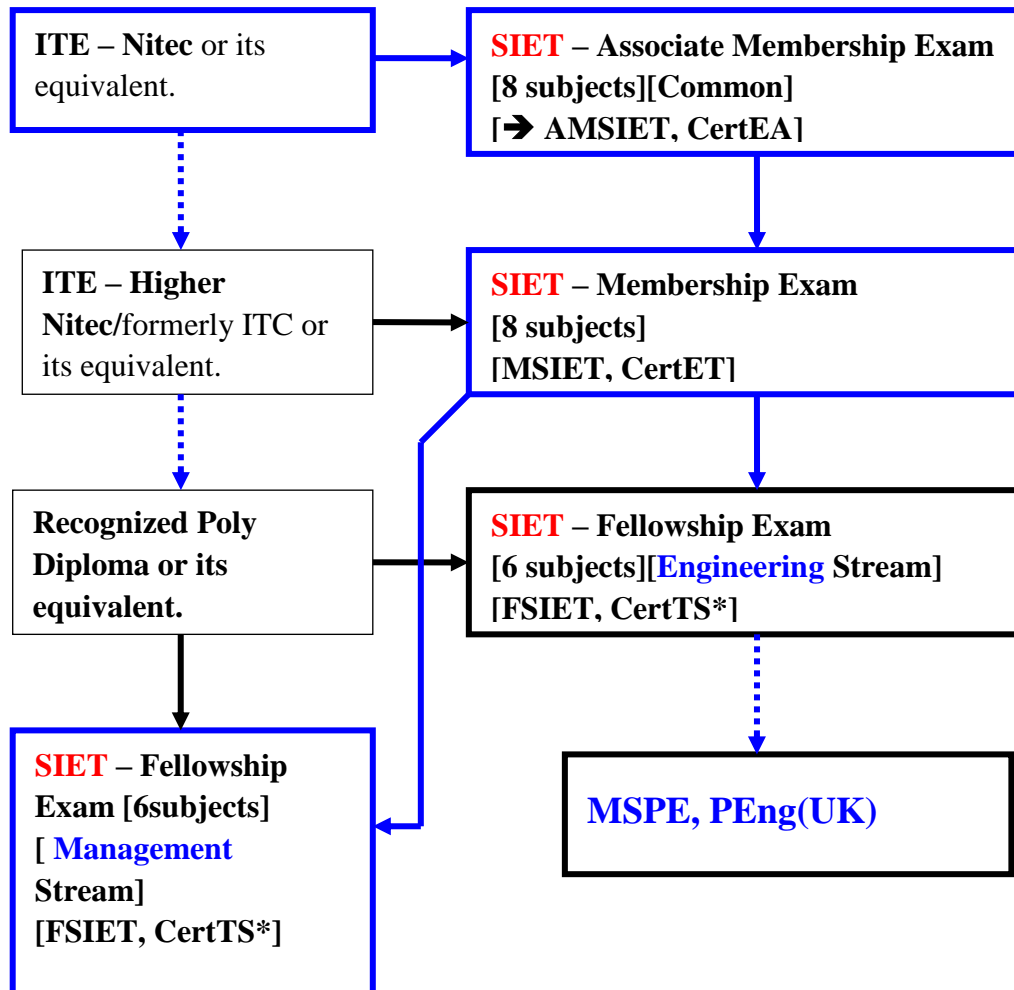
### Level 2 (Membership) Examination (RE Option) : 8 Subjects

- . **4 Common Subjects:**
  - M201 - Engineering Mathematics
  - M202 - Engineering Science
  - M203 - Engineering Materials 2
  - M204 - Engineering Perspectives & Skills
- . **4 Electives (RE option):**
  - RE201 - Foundation Studies in Renewable Engineering
  - RE202 - Solar and Thermal Engineering Systems Part 1 –Solar
  - RE203 - Solar and Thermal Engineering Systems Part 2 –Thermal Energy
  - RE204 - Renewable Energy Resource Analysis

### Level 3 (Fellowship) Examination (RE Option) : 6 Subjects

- . **One Common Subject :**
  - M300 - The Engineer in Society
- . **5 Electives (RE Option):**
  - RE301 - Energy System Efficiency
  - RE302 - Wind Energy Conversion Systems
  - RE303 - Grid Connected Photovoltaic Power Systems
  - RE304 - Electrical Machines
  - RE305 - Energy Storage Systems

## Pathways to SIET Membership & MSPE, PEng(UK)



**SIET** = Singapore Institute of Engineering Technologists. [website : [www.siet.org.sg](http://www.siet.org.sg)] [\*SIET – Test of Professional Competency]  
**SPE** = Society of Professional Engineers, United Kingdom. [website : [www.professionalengineers-uk.org](http://www.professionalengineers-uk.org) ]