

The logo for CREST features the acronym in a bold, orange, sans-serif font. The letter 'E' is stylized with three dots above it. The letters are enclosed within a thin orange border that forms a rectangular frame. A small square box containing a plus sign (+) is positioned at the top left of the frame, and a small square box containing a minus sign (-) is positioned at the bottom right of the frame. A horizontal line connects the top and bottom boxes, passing behind the text.

# CREST

COLLABORATIVE RESEARCH IN ENGINEERING, SCIENCE & TECHNOLOGY CENTER

# About CREST R&D Grant

- Philosophy
  - Higher value Electrical & Electronics (E&E) economic sector can be achieved when R&D thrives in the ecosystem
  - This can be accelerated by promoting collaborative research between industry and academia
- Objectives
  - To accelerate university's ability to produce industry-ready researchers
  - To increase competitiveness of E&E industry
- Key features
  - Focused on E&E industry, but not limited to E&E discipline
  - Research results prepositioned for industrial application
  - Accommodating intellectual property arrangement
  - Plausible augmentation to in-company R&D initiative

# Basic Terms and Conditions (Cycle 2/2013)

## Partnership

1. Research project involves at least one company pairing with at least one university.
2. At least one of the universities involved must be located in Malaysia.
3. Companies involved must be registered in Malaysia.
4. Companies involved must not be owned by the university.

## Personnel

5. Either project lead or principal investigator must be Malaysian citizen. In the event the project lead and principal investigator is the same person, he/she must be Malaysian citizen.
6. Full-time post-graduate student researchers and full-time post-doctorate researchers whose tuition fees and/or allowance are paid by CREST R&D Grant must be Malaysian citizen.
7. Students involved in the research project (regardless of whether allowance/tuition fee is paid by CREST Grant) shall not be the project lead.

# Basic Terms and Conditions (Cycle 2/2013)

## Limitation

8. Approved funded research duration corresponds to research scope. Maximum approved duration is not more than 3 years.

## Financial

9. Company contribution is at least 50% of total research project budget.
10. Any equipment and software purchased under CREST R&D Grant is owned by CREST.

## Obligation

11. Each approved research project is obligated to meet stated deliverable (output) obligation.
12. Project funded by CREST R&D Grant must not share any of its deliverables to meet other grant obligation (except for university's contribution for student allowance).

# Allowable Budget Request \*

## Eligible spending items

- Tuition fee, examination, thesis for full-time post-graduate student (non company employee)
  - MSc: up to RM10k/year for up to 2 years
  - PhD: up to RM10k/year for up to 3 years
- Post graduate student allowance for full-time post graduate student (non company employee)
  - MSc: RM1800/month for up to 2 years
  - PhD: RM2500/month for up to 3 years
- Full-time post-doctorate allowance up to RM6.5k/month for up to 2 years
- Software, non-customized equipment and material consumables to support research
- Software or equipment rental not exceed RM50k/project
- Reasonable travel from university to company and vice versa

## Non-eligible spending items

- Consultation fee
- Conference travel and fee
- Publication fee
- Training fee
- Intellectual property filing
- Maintenance and repair
- Legal fee

*\* non-exhaustive list*

# GRASP

## Graduate Research Assistance Scholarship Program

- Supplementary to existing CREST R&D Grant terms & conditions
- Full-time post graduate student allowance
  - MSc: RM2500/month for up to 2 years
  - PhD: RM3500/month for up to 3 years

## Eligibility

- Master candidates with BSc in field related to E&E sector
  - with CGPA of  $\geq 3.67$ , or
  - Working experience in E&E sector of  $> 3$  years with CGPA  $> 3.3$
- PhD candidates
  - Without Master's degree, but with BSc in field related to E&E sector with CGPA of  $\geq 3.67$ , or
  - With Master's degree in field related to E&E sector with 3 journal papers, or
  - Working experience in E&E sector of  $>3$  years after graduation of Master degree

*\* non-exhaustive list*

# Deliverable Obligations

- Report and review
  - Quarterly progress report submission
  - Quarterly financial report submission
  - Periodic face to face project review and audit
  - Final report submission and review
- Two outputs
  1. Graduation of post-graduate student(s)
  2. Either
    - a) Publication in journal or refereed conference
      - 2 publications per funded MSc student researcher, *and*
      - 3 publications per funded PhD student researcher, *and*
      - 3 publications per year per funded post-doctorate researcher
    - b) Filing of intellectual property
      - Prove of filing for patent or prove of filing for other unprotected IP

# CREST R&D Grant Yearly Calendar

Q1	Jan	Q3	Jul	<b>Application opens</b> Roadshow/briefing
	Feb		Aug	Roadshow/briefing <b>Application closes</b>
	Mar		Sep	Application review Evaluation complete
Q2	Apr	Q4	Oct	BoD endorsement Application result letter sent
	May		Nov	MOA template sent Briefing for approved research teams
	Jun		Dec	MOA preparation



# CREST R&D Grant Yearly Calendar (cont.)

Q3	Jul	Q3	Jan	MOA finalization
	Aug		Feb	MOA signed & stamped
	Sep		Mar	
Q4	Oct	Q4	Apr	Disbursement
	Nov		May	
	Dec		Jun	Report submission Face to face project review

## Disclaimer

- R&D Grant Secretariat will strive to stay close to the stated calendar
- Public holidays and other unforeseen events may cause actual dates for CREST R&D Grant application process to differ slightly
- Yearly calendar stated here should be regarded as general guideline for planning purpose