



FOR OFFICE ONLY

REG. NO. _____

MAJOR GROUP _____

BOOTH NO. _____

SABAH INVENTION AND DESIGN EXHIBITION 2007

11 - 12 AUGUST 2007, UNIVERSITI MALAYSIA SABAH (UMS), KOTA KINABALU

home page: <http://www.borneo-online.com.my/sindex2007>

INVENTION COMPETITION ENTRY FORM (DUE DATE FOR SUBMISSION 2ND JULY 2007)

- ❖ ALL APPLICANTS MUST READ THE RULES, REGULATIONS AND CONDITIONS OF THE COMPETITIONS.
- ❖ ALL ENTRY FORMS ARE TO BE DULY COMPLETED IN BLOCK CAPITAL LETTERS OR TYPEWRITTEN.
- ❖ PHOTOCOPIES OF ENTRY FORMS ARE ACCEPTABLE.

PART A - GENERAL INFORMATION

1) CATEGORY LOWER SECONDARY (Form I-III/Junior I-III) UPPER SECONDARY (Form IV-V/Senior IV-VI)

2) COMPETITION CENTRE KOTA KINABALU SANDAKAN TAWAU

3) PARTICULARS OF INVENTOR(S)

INDIVIDUAL GROUP

(If in a group, please state group name) NAME: _____

NO. OF INVENTORS (For Group only) _____

NAME _____

(For individual/group leader, please underline surname)

NRIC NO: *NEW/*OLD _____ GENDER : *MALE / * FEMALE

School Address: _____

Telephone: (O) _____ (R) _____

H/Phone : _____ Fax : _____ E-mail _____

NAME(S) OF OTHER MEMBER(S) OF THE GROUP (For a group of inventors only):

4) NAME/TITLE OF INVENTION (Please give a simple name, as short as possible, to your invention)

5) MAJOR GROUP: 1 2 3 4

(Refer to Clause 3 of "Rules, Regulations and Conditions")

CLASSIFICATION OF INVENTION

(Refer to Clause 3 of "Rules, Regulations and Conditions", A to U)

6) FORM OF INVENTION TO BE SUBMITTED AND EXHIBITED

Manufactured Article Prototype Model Plans/Drawings

7) HAS YOUR INVENTION BEEN PRESENTED PREVIOUSLY AT MINDEX MALAYSIA?

NO YES IF YES, PLEASE DESCRIBE ANY IMPROVEMENT JUSTIFYING YOUR PRESENT APPLICATION FOR COMPETITION.

8) HAS YOUR INVENTION PRESENTED AT OTHER EVENTS?

NO YES IF YES, PLEASE COMPLETE THE FOLLOWINGS:

Name of Event : _____

Year : _____ Award Obtained (if any): _____

9) STATUS OF PATENT RIGHTS

Have you already applied for a patent for your Invention in Malaysia?

NO YES (IF YES, Please fill in the following)

Date of Filing : _____ * Application/Patent No. _____
(* Please attach copy of relevant documents)

Name of Countries in which patents have been registered (if any) _____

PART B - TECHNICAL DESCRIPTION OF THE INVENTION

1) What is the main function/purpose of the INVENTION?

2) Who would be the primary users of this INVENTION?

3) What is the main function/purpose of the INVENTION?

4) Describe clearly on separate sheets of paper (TYPEWRITTEN) the technical working of the INVENTION. Submission of relevant documents including drawing(s), photograph and technical features of the INVENTION would strengthen the assessment of your entry. (ALL DRAWINGS AND ILLUSTRATIONS MUST BE PROPERLY LABELLED WITH THE NAME OF THE INVENTION AND SIMILARLY WITH THE NAME ON THE BACK OF PHOTOGRAPH)

5) ABSTRACT OF THE INVENTION.

The applicant is also required to prepare and provide a typewritten abstract of the INVENTION in not more than 50 words on a mounting hardboard measuring in A4 size. The abstract should be clear, concise enough to enable the judges to evaluate the entry. This abstract will be also used to put on display during the exhibitions.

PART C - DECLARATION

I, _____ /*on behalf of my Group hereby declare that:

- i) I am/*we are student(s) studying in a secondary school in Sabah.
- ii) the entry for competition is an original INVENTION but not a copy, created exclusively by me/us and
- iii) I/we have read the Rules, Regulations and all conditions of the competition and agree to abide by the same.

I/*on behalf of my Group hereby further agree and accept that:

- a. I/we shall not hold the Panel of Judges or its members, the Organising Committee or its working committee liable in respect of any matters which arise from or be connected to the organising, conduct or results of the competition;
- b. no decision of the Panel of Judges whether favourable or otherwise shall be authoritative in any way to support or contest the patentability or registrability of my/our INVENTION submitted for the competition;
- c. the decision of the Panel of Judges and the Organising Committee for the competition is final and binding;
- d. I/we are solely responsible for the protection of my/our own patent/registration rights and the Organising Committee of SINDEK 2007 shall not be held in any way responsible for any loss of such rights resulting from the participation in this competition;
- e. I/we allow the Organising Committee to use the name(s), photographs and details of the inventor(s) and the invention for publicity purposes or any other purpose deemed necessary and
- f. I/we shall be solely responsible to bear all expenses consequent thereon or incidental thereto arising from the participation in this competition.

Date: _____

(Signature of Applicant)

* Name of *Parent /*Guardian

* Parent's/*Guardian's NRIC No.

* (Signature of *Parent/*Guardian)

- NB. PLEASE TICK WHICHEVER IS APPLICABLE
* PLEASE DELETE WHICHEVER IS NOT APPLICABLE
* MUST BE COMPLETED FOR ENTRANT WHOSE AGE IS LESS THAN 18 YEARS ON THE DAY OF SIGNING.

PART D - CERTIFICATION BY THE SCHOOL

I, _____, the *PRINCIPAL/ *HEAD/* _____

_____ of _____ hereby certify that the above named of

Class _____ is currently a student of my School and the Invention is an Original Invention of the Student(s).

Tel No.: _____

Date: _____

(SIGNATURE)

Official Stamp of School

NOTES:

CLOSING DATE AND SUBMISSION OF ENTRIES

All entries must be submitted complete with duly completed Entry Form and other relevant documents enclosed in a sealed envelope marked "SINDEK 2007" and must reach the respective Divisional Competition Centre not later than 2nd July 2007 as stated in the Rules, Regulations and Conditions of the Competitions.

FOR INQUIRY, PLEASE CONTACT THE FOLLOWING:

KOTA KINABALU:

1. Dr. Mohd. Yunus Hamid, Pengarah, Pusat Kecerdikan Buatan Universiti Malaysia Sabah (UMS), Sekolah Kejuruteraan dan Teknologi Maklumat (SKTM), Universiti Malaysia Sabah 88999 Kota Kinabalu
Tel: 088-320393 Fax: 088-320127 HP: 019-8103099 email: mohdyunushamid@gmail.com / yunus@ums.edu.my
2. Encik Mohd. Radzif Taharin, Program Kejuruteraan Sivil, Sekolah Kejuruteraan dan Teknologi Maklumat (SKTM), Universiti Malaysia Sabah, 88999 Kota Kinabalu
Tel: 088-320347 or 088-320000 Samb. 3072 Fax: 088-320348 HP: 012-8667968 email: radzif1@yahoo.com
3. Rtn. Ir. Warrence Chan, The Rotary Club of Kota Kinabalu.
Tel: 088-237818, 237900 Fax: 088-237366 HP: 019-8514688 email: wchansabah@yahoo.com
4. Rtn. Ir. John S.T. Chee, Institut Jurutera Malaysia Sabah (IEM S), Kota Kinabalu
Tel: 088-238617 / 088-248617 HP: 019-8528809 Fax: 088-238197 email: johnche@streamyx.com
5. Rtn. Dr. Ravi Mandalam, The Rotary Club of Kota Kinabalu
Tel: 088-211333 (SMC) HP: 016-8463045 email: mandalam@tm.net.my

SANDAKAN:

1. Rtn. Lim Jok Teck, The Rotary Club of Sandakan North
Tel: 089-212330 HP: 019-8325129

TAWAU :

1. Rtn. Dunstan M. William, The Rotary Club of Tawau
Tel: 089-756248 HP: 019-8928846 / 016-8109946 email: classone63@yahoo.com.my
- Unit Sains dan Teknologi, Jabatan Ketua Menteri, Tingkat 7, Blok B, Wisma MUIS, Kota Kinabalu.
Tel: 088-240430 Fax: 088-249410 (En. Singgih Panamba)
 - The Rotary Club Kota Kinabalu /The Rotary Club of Sandakan North/ The Rotary Club of Tawau/Pejabat Pelajaran Gabungan/ Daerah KK/ Sandakan/Tawau

UNIT SAINT DAN TEKNOLOGI (UST) HAS THE RIGHT TO RETAIN EXHIBIT FOR EXHIBITION AND EDUCATION PURPOSE.



SABAH YOUNG INVENTORS' EXHIBITION, 2007

(Sabah Young Inventors' Exhibition)

RULES, REGULATIONS & CONDITIONS

THE INVENTION COMPETITIONS

1. ELIGIBILITY

- 1.1 This competition is open to all students studying in any secondary schools in Sabah.
- 1.2 An invention can be submitted by an individual or a group of students.
- 1.3 AGE - There is no specific age requirement, however, if an ENTRANT is under 18, a parent or legal guardian must sign the Entry Form in Section C under the Declaration.

2. CATEGORIES

The Competitions are divided into two (2) Categories:

LOWER SECONDARY : FORM I III OR JUNIOR. I III AND

UPPER SECONDARY : FORM IV V OR SENIOR IV VI.

3. GROUPING AND CLASSIFICATION OF INVENTIONS

ENTRIES ARE TO BE DIVIDED INTO FOUR MAJOR GROUPS OF CLASSIFICATION OF INVENTIONS:

GROUP ONE (1) ELECTRONIC AND MECHANICAL

GROUP TWO (2) GENERAL TECHNOLOGY AND ENGINEERING

GROUP THREE (3) CHEMICAL

GROUP FOUR (4) OFFICE AND EDUCATION

The detailed classification of inventions is as follows:

- A **Aerospace & Aviation** - Avionics and aerospace-related items or accessories
- B **Agriculture** - Forestry, animal care, fishing, foodstuffs, tobacco, mills, garden tools, gardening supplies, pesticides, fertilizers
- C **Apparel** - Clothing, shoes, textiles, garments, jewelry, hand or travelling articles, sewing threads, laundering
- D **Automotive** - car-related, truck-related, combustion engines, accessories, motorcycle-related
- E **Personal Care Products** - Cosmetics, perfumes, hair care, skin care
- F **Industrial Chemicals** - Detergents, petrochemicals, explosives, paints, dyes, palm oil or rubber-derived chemicals or industrial raw materials, adhesives, polymers
- G **Building and Construction** - Architecture, civil engineering, equipment and materials, building, water supply, sewerage, foundation, hydraulic engineering
- H **Educational Items** - Teaching aids, teaching methods/products
- I **Electricity/Electronics/Telecommunications** - Basic electric elements, power generation, power transmission, basic electronic circuitry, communication system, semi-conductors, instruments, parts, controls and systems
- J **Environmental** - Energy-related, mining-related, agriculture-related, earth-related, protection and safety, waste disposal, cleaning
- K **Health and Fitness** - Personal hygiene, fitness equipment, health food, therapy instruments, items to assist disabled persons, medical/surgical equipment, optics, pharmaceuticals
- L **Household Items** - Furniture, furnishings, appliances, air-conditioning, water-heaters, kitchen utensils, bathroom utensils, refrigerators, alarm systems
- M **Audio-Visual Equipment** - Radio, television, hi-fi sets, cameras, cinematography, accessories
- N **Infant and Child-Care** - Pre-natal care, baby products, maternity items, baby furnishings
- O **Materials** - Ferrous metals, non-ferrous metals, alloys, treatment of metals, electrolytic processes, apparatus, crystal growth, surface treatment, corrosion technology, metal working
- P **Industrial Equipment** - Machines, engine, pumps, machines or engines for liquids, engineering in general, industrial equipment, processing equipment
- Q **Office Products and Printing** - Stationery, equipment, processes, printing, lining machines, typewriters, stamps, book-binding, albums, files, writing or drawing instruments, decorative arts, advertising
- R **Sports and Games** - Athletic equipment, gymnastics, sporting goods, toys, skill games, board games, play things, recreation
- S **Manufacturing Processes** - Physical processes, chemical processes, crushing, magnetic or electrostatic separations, centrifuging apparatus or equipment
- T **Transportation** - Vehicles, railways, boats, bicycles, ships, aircraft, conveying, hoisting, lifting, hauling, liquid handling
- U **MULTIMEDIA**

4. EXCLUSIONS

The following are not acceptable for the competition: -

- (a) Inventions, utility Innovations or Designs which are known to be used by others or contrary to public order, morals, public health or welfare; or dangerous or hazardous nature.
- (b) Those which cannot be transformed into tangible embodiments e.g. scientific principles, abstract theories and works of art which may be the subject matters of copyright.
- (c) Normally inventions which are non-patentable under the Malaysia Patents Act will not be accepted. However such entries may be considered for acceptance on a case to case basis.

5. THE ORGANIZING COMMITTEE RESERVES THE RIGHT TO ACCEPT OR REJECT ANY APPLICATION FOR ENTRY TO THE COMPETITION WITHOUT HAVING TO GIVE ANY REASONS.

6. ENTRY FEES: There is no entry fee.

7. NUMBER OF ENTRIES: Competitors may submit as many entries as they wish but each entry must be accompanied by a separate entry form complete with other required documents.

8. COMPETITION CENTRES

There will be three (3) Divisional Competition Centres, namely:-

- i) KOTA KINABALU Centre : West Coast, Kudat and Interior Division
- ii) SANDAKAN Centre : Sandakan Division
- iii) TAWAU Centre : Tawau & Lahad Datu Division

Competitors are required to submit their entries to the nearest Divisional Competition Centre for the preliminary round of competition, i.e. Division Level Competition. Thereafter the winners will be shortlisted for contesting in the State Level Competition, SINDEK 2007 and its Exhibition will be held from 11 to 12 August 2007 at UNIVERSITY MALAYSIA SABAH, KOTA KINABALU.

9. ENTRY FORMS

Entry forms are available at all secondary schools and can be also obtained or downloaded from the following:

- i) Unit Sains dan Teknologi, Tingkat 7 Blok B, Wisma Muis, Kota Kinabalu.
- ii) Sektor Pengurusan Akademik, Jabatan Pendidikan Sabah, Tingkat 2 Blok E, Bangunan KWSP, Jalan Karamuning, 88000 Kota Kinabalu.
- iii) SINDEK Home page on Sabah Net at <http://www.borneo-online.com.my/sindex2007>

Others in Sandakan and Tawau shall be announced soon.

10. JUDGING CRITERIA

A Panel of Judges will be appointed by the Organizing Committee to evaluate the entries and select the Winners based on the following criteria:

- i) ORIGINALITY
- ii) CREATIVITY
- iii) USEFULNESS AND APPLICATION
- iv) COMMERCIAL VIABILITY/POTENTIALITIES

THE JUDGING WILL ALSO TAKE INTO ACCOUNT OF THE INVENTOR'S KNOWLEDGE OF THE INVENTION & STATE-OF-ART TECHNOLOGY, FUNCTIONALITY OF THE MODEL/PROTOTYPE AND THE STATUS OF THE INVENTION I.E. COMPLETENESS OF RESEARCH AND DEVELOPMENT AND READINESS FOR PRODUCTION

11. DISPLAY AND DEMONSTRATION BY COMPETITORS

11.1 JUDGING

When it is required by the Panel of Judges, Competitors shall display, explain and demonstrate to the Panel of Judges the working models, illustrations or drawings and samples of products described in their entries together with a description of the raw materials used, the various steps involved in the case of manufactured products, on the date and venue to be designated by the Organising Committee for evaluations. This applies to both the Division and State Level. The Competitors are required to be well prepared to present, explain and demonstrate their inventions to the judges and to answer all questions posed by the judges.

11.2 EXHIBITIONS

Shortlisted Competitors each will be allotted a booth for them to display and demonstrate the same during the entire duration of the Exhibition at their respective Division Competition Centre on the date(s) and venue to be decided by the Organising Committee except West Coast Division, Kota Kinabalu Centre. Similarly, the shortlisted finalists from Division Level Competition will be required to display and demonstrate the as stated above. The Organising Committee reserves the right to decide the number of finalists from each Division for the Final Competition in the SINDEK 2007.

For the SINDEK Exhibition, shortlisted competitors each shall be assigned with official labels bearing the entry number, name of competitor and title of exhibition. However they have to provide and prepare all other necessary materials etc. for the proper display and demonstration of their own inventions. All labels and abstract shall be prominently displayed in their respective booths. The best-decorated booths will be awarded with the BEST BOOTH AWARDS. At the end of the Exhibition, Competitors shall remove the same from the Exhibition centre.

12. FUTURE EXHIBITS

The winning entries' models/prototypes may be required to be kept by the organiser for future display/exhibit subject to approval by both the inventor(s) and the organiser.

13. CLOSING DATE AND SUBMISSION OF ENTRIES

All entries must be submitted complete with duly completed official Entry Form (photocopies of Entry Forms are acceptable), and other relevant documents enclosed in a sealed envelopes marked "SINDEX 2007" and addressed to the following Divisional Competition Centre and must reach the Centre not later than 2nd July 2007. Proof of mailing can not be accepted as proof of receipt. Incomplete, illegible or late entries will be disqualified.

- KOTA KINABALU :- UNIT SAINS DAN TEKNOLOGI**
TINGKAT 7, BLOK B, WISMA MUIS
P. O. BOX 15449
88863 KOTA KINABALU
ENCIK SINGIH PANAMBA
TEL : 088-240430 Fax : 088-249410
- SANDAKAN :- SYARIKAT NGUI AH KUI**
GROUND FLOOR, LOT 12, BLOCK B
BANDAR KIM FUNG
MILE 5 NORTH ROAD
90710 SANDAKAN
RTN. LIM JOK TECK
TEL : 089-212330 H/P : 019-8325129
- TAWAU :- TOP 10**
MUSICAL CENTER SDN BHD
TB 400, BLOCK G, BANDAR SABINDO
91000 TAWAU
RTN. DUNSTAN M. WILLIAM
TEL / FAX : 089-756248 H/P : 019-8928846

14. AWARDS AND PRIZES

14.1 STATE LEVEL

FOR EACH LOWER AND UPPER SECONDARY CATEGORY:

Awards and prizes will be given to the following winners:

- i. The Best Decorated and Displayed Booth
- ii. The Best Innovation
- iii. The Best Prototype
- iv. The Most Marketable
- v. Overall: 1st, 2nd, 3rd, 4th and 5th.

FOR BOTH LOWER AND SECONDARY CATEGORIES:

- i. Special Awards may be given to entries of special merit but which have not been successfully in winning
 - ii. any of the top five prizes.
 - iii. The people Choice Award
 - iv. The School Awards (Presented to Schools with top Inventions and Number of entries)
 - v. THE OVERALL BEST INVENTION WILL BE AWARDED AS THE 2007 SABAH YOUNG INVENTOR AWARD.
- Certificates of Participation shall be presented to all competitors.

14.2 DIVISION LEVEL

It is the sole discretion of the Organising Committee to decide what are the Awards/and Prizes for the Division Level Competition at the 3 respective Divisional Competition Centres. There will be no Exhibition for Kota Kinabalu Centre since the SINDEX 2007 is to be held at Kota Kinabalu.

14.3 THE ORGANIZING COMMITTEE RESERVES THE RIGHT TO DECLARE NO WINNERS IN ANY AWARDS IF THE ORGANIZING COMMITTEE DEEMS THAT THERE ARE NO ENTRIES OF DESERVING MERIT.

15. DISCLAIMER

- 15.1 Every care shall be exercised by the Organising Committee or its Members to handle, transport or storing the models and other materials submitted by the Competitors, however the Organising Committee or its Members shall not be held responsible for any damages or losses to the same.
- 15.2 The decision of the Panel of Judges and the Organising Committee shall be final and binding. Competitors shall abide by such decisions and shall not be entitled to be paid or indemnified for any losses, expenses or damages by the Panel of Judges or the Organising Committee and its Members in respect of any matters which may arise from or be connected to the organising conduct and results of the competition.
- 15.3 In the case of entries which have not been granted Letters of Patent by any competent authority for the granting of such rights, any favorable or unfavorable decisions by the Panel of Judges or the Organizing Committee or its Members shall have no legal standing nor be cited in any way in regard to the patentability or registrability of the such entries under the respective laws.
- 15.4 Intending competitors shall note that in many countries participation in exhibition/competitions may constitute "disclosure" under their respective patent laws. Competitors are advised to take the necessary action to protect their patent and registration rights against any forfeiture of such rights due to such "disclosure". The Organising Committee of SINDEX 2007 shall not be liable for any forfeiture of patent rights suffered by any Exhibitor/Competitor due to his/her participation in SINDEX 2007.
- 15.5 UST has the right to retain exhibit items for exhibition and education purposes.

16. FOR INQUIRY PLEASE CONTACT THE FOLLOWING:-

KOTA KINABALU:

Encik Singih Panamba,
Unit Sains & Teknologi,
P. O. Box 15449, 88864 KOTA KINABALU
Tel: 088-240430
Fax: 088-249410

SANDAKAN:

Rtn. Lim Jok Teck
Syarikat Ngui Ah Kui
Ground Floor, Lot 12, Block B
Bandar Kim Fung
Mile 5, North Road
90710 Sandakan
Tel : 089-212330 H/P : 019-8325129

TAWAU :

Rtn. Dunstan M. William
Top 10
Musical Center Sdn Bhd
TB 400, Block G, Bandar Sabindo
91000 Tawau.
Tel/Fax : 089-756248 H/P : 019-8928846

ORGANISING CHAIRMAN:

Rtn. Jeyan Marimuttu
Suite 1-6-W5, 6th Floor, CPS Tower
No. 1, Jalan Centre Point
Kota Kinabalu
Tel: 088-252997 Fax : 088-252889
E-mail : jeyanmpartners@gmail.com