WEBOMETRICS
How the UNIMAS portal measures up to the rest of the world

UNIMAS, MASYARAKAT & MEDIA SOSIAL
UNIMAS berinteraksi dengan masyarakat melalui media sosial

SELANGKAH KE 5 BINTANG
Strategi portal UNIMAS untuk mendapat pengiktirafan 5 Bintang
Congratulations

Thank you so much to
Azman Hussin
Catherine Longgah
Harun Maksom
Latifah Loh Abdullah
Ling Sze Ting
Mahani Huja Husin
Murniza Aziz

who have generously contributed time and ideas to think of appropriate names that suit our very first UNIMAS IT magazine. What a fantastic effort and outcome!

A GREAT BIG FAT CONGRATULATIONS to Ling Sze Ting, whose entry was favored by the selection panel and chosen to grace this publication. May it be the start of many things. Well done!
Tim Berner’s Lee had the noble idea of allowing information to be shared over a network, a place where information can stand the test of time and space and allow normal day people access to a global world.

As inventor of the hypertext link that helped linked web-pages together, Lee brought about what is now known as the World Wide Web (WWW). It was an invention that changed the way we interact with the world.

The impact of the WWW on our daily lives cannot be ignored. It sparked an era where information is available to anyone, any place at any time. And the web continues to grow at a phenomenal rate each second. And with such growth, standards and measures are needed to properly bring order to a somewhat chaotic environment.

This first edition of Tag-it, seeks to explore the impact of the World Wide Web on Universiti Malaysia Sarawak (UNIMAS). We highlight the impact of social media and look at the criteria used by Malaysia to ensure that all public websites adhere to the highest quality possible.

A big thank you goes out to the likes of Prof Dr Narayanan Kulathuramiyer, the Dean of the Faculty of Computer Science and Information Technology, the UNIMAS Corporate Communication Unit and the team overseeing the UNIMAS website; and not forgetting the hardworking editorial board from the Centre of Information and Communication Technology Services, who have pulled in the long hours to put together Tag-it.

Enjoy the adventure and as Albert Einstein puts it, “Learn from yesterday, live for today, hope for tomorrow. The important thing is not to stop questioning.”

Maclean Patrick
Websites have become the most ubiquitous tools used by various organizations everywhere to communicate with their respective publics, both external and internal. Every established university in the world is using the same approach to advertise and make their presence felt on the World Wide Web. UNIMAS has also taken the same step in its quest to position itself as one of the premier institutions of higher learning in the world.

The Webometrics ranking has been accepted as one of the indicator to measure the success of an institution of higher learning to garner exposure vis-a-vis other academic institutions on the internet. It is perceived that institutions with higher Webometrics ranking will be able to attract both outstanding students and academics to pursue their goals with the university.

The latest statistics indicates that UNIMAS is ranked 2488 in the world by Webometrics. At the local front, UNIMAS has been ranked 21 when it is compared to the other local institutions of higher learning. The current position does not augur well with the aspirations of UNIMAS as “the contemporary and forward looking” university.

Our aspiration to be a “contemporary and forward looking university” has to be reflected by our web presence and appearance. All stakeholders will now become involved in this newly proposed Web-based ecosystem and resulting virtual lifestyle.

Webometrics Malaysia Ranking 2012

<table>
<thead>
<tr>
<th>World Rank</th>
<th>University</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>1842</td>
<td>Universiti Malaysia Sarawak</td>
<td>Size 3,631</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Visibility 3,092</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rich Files 4,112</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Scholar 1,813</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Presence</th>
<th>Impact</th>
<th>Openness</th>
<th>Excellence</th>
</tr>
</thead>
<tbody>
<tr>
<td>10%</td>
<td>50%</td>
<td>10%</td>
<td>30%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>World Rank</th>
<th>University</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>2488</td>
<td>Universiti Malaysia Sarawak</td>
<td>Size 5,466</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Visibility 3,328</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rich Files 4,219</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Scholar 2,081</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Presence</th>
<th>Impact</th>
<th>Openness</th>
<th>Excellence</th>
</tr>
</thead>
<tbody>
<tr>
<td>20%</td>
<td>50%</td>
<td>15%</td>
<td>15%</td>
</tr>
</tbody>
</table>

Since 2004, the Ranking Web (or Webometrics Ranking) has served to be the measure for which Higher Education Institution could benchmark their websites in relation to their peers in the education industry.
Looking beyond the aesthetics, the twice a year published Webometrics Ranking measures higher education institutions on four (4) criteria (as of July 2012) – Presence (20%), Impact (50%), Openness (15%) and Excellence (15%).

A concerted effort is thus needed by everyone in UNIMAS to help elevate the UNIMAS’s portal web presence. It is not merely the task of the web committee nor those on the Webometrics taskforce, but a combine effort by all scholars, researchers, lecturers and alumni. We will now show you how you can measure your sites performance to determine web visibility and impact.
How to measure your own website?

It is possible to measure the size, impact and amount of rich files in the website but running a search query with a search engine such as Google with the added addition of several search delimiters. The delimiters help give an over-all view of the site.

For example the search site:mit.edu returned the following result:

In 0.23 seconds, a total of 8,080,000 results were returned to indicate the size of MIT’s website. Website owners in UNIMAS are encouraged to conduct your own searches using the search delimiters mentioned above. This will give great insight into the areas of improvement needed by all stakeholders in UNIMAS in improving our Webometrics ranking.

The drive to push the UNIMAS portal up the rungs of the Webometrics Ranking table is a combined effort from all within UNIMAS. By having more people in the engine room, the rate of ascend for the UNIMAS portal would be astronomical. One that is attainable and achievable in a short time. It just takes effort.

We know the equation, we have done the calculations, we know where to improve; all it takes now, is for all to put their foot on the pedal and pitch in their bit.
UNIMAS kini telah mengorak langkah dengan menggunakan kemudahan media sosial untuk merapatkan diri dengan masyarakat. Ini berikut wujudnya permintaan yang tinggi untuk mendapatkan maklumat berkaitan peluang pendidikan, aktiviti serta perkembangan semasa UNIMAS, dari dalam mahupun luar negara.

Kewujudan laman sosial rasmi UNIMAS melalui Twitter, Facebook dan YouTube baru-baru ini telah merancakkan dan memudahkan lagi interaksi sebaran maklumat. UNIMAS berharap melalui kemudahan media sosial ini, maklumat terkini serta tepat dapat disampaikan kepada para pengguna. Para pengguna, terutamanya para pelajar tampak lebih selesa melahirkan pendapat serta bertanyaan soalan disamping menggunakan laman media ini sebagai medium untuk berkongsi maklumat atau membincangkan isu-isu semasa. Penggunaan Facebook sememangnya merapatkan jurang kaitkan dengan pelajar ke arah yang lebih positif tanpa melibatkan "red-tape".

Oleh itu, kemudahan media sosial sebagai tools of engagement (alat komunikasi) kepada pelajar dan masyarakat disamping media rasmi sedia ada, memainkan peranan yang amat unik dalam:

- meningkatkan imej dan reputasi UNIMAS sebagai salah sebuah Institusi Pengajian Tinggi Awam yang akan memberi impak yang membanggakan kepada bidang pengajian tinggi di Malaysia.
- mendekatkan UNIMAS bukan sahaja kepada para pelajar UNIMAS, malah melangkau alumni, masyarakat, ibubapa dan juga bakal pelajar UNIMAS.

Fakta & Angka

Didapati jumlah pengunjung dan pengikut (followers) perkembangan UNIMAS melalui laman sosial UNIMAS kini kian meningkat semajak kewujudannya bermula Ogos tahun ini.
Pelancaran versi baharu laman web UNIMAS pada 1 Ogos 2012 merupakan salah satu inisiatif penambahbaikan serta bukti komitmen UNIMAS untuk memastikan pelajar, masyarakat serta pihak-pihak yang berkepentingan dapat memanfaatkan maklumat serta berkomunikasi dengan pihak universiti dengan mudah, cepat dan tepat.

- meningkatkan kedudukan webometrics UNIMAS yang secara tidak langsung akan meningkatkan keyakinan pihak-pihak yang berkepentingan terhadap kecemelangan dan pencapaian universiti ini.
- mengukuhkan kehadiran dan populariti UNIMAS bukan sahaja di peringkat nasional, malah sehingga ke peringkat antarabangsa. Ini merupakan peluang terbaik universiti untuk memaparkan kecemerlangan dan pencapaian ini kepada seluruh dunia, seterusnya memperoleh pengiktirafan yang boleh membawa UNIMAS ke tingkat global setanding dengan universiti-universiti terkenal di seluruh dunia.
- memupuk perasaan “sense of belonging” kepada para pelajar serta masyarakat melalui perkongsian maklumat seperti gambar serta aktiviti-aktiviti universiti, di mana mereka boleh merasakan diri mereka sebagai sebahagian daripada UNIMAS.

Pendapat-pendapat yang diutarakan oleh para pengguna laman sosial rasmi UNIMAS sememangnya amat membantu dalam memacu usaha universiti ini untuk meningkatkan mutu sistem penyampaian awamnya di mata masyarakat. Penggunaan medium itu sendiri, yang bersifat percuma serta mudah diakses dari mana-mana peralatan komunikasi, memberi peluang kepada para pengguna yang kebanyakan terdiri daripada para pelajar menyumbang kepada peningkatan kualiti perkhidmatan universiti secara tidak langsung.

Kebebasan melahirkan pendapat yang ditawarkan melalui laman sosial ini juga boleh menjadi landasan kepada para pelajar untuk meningkatkan keyakinan diri masing-masing, yang seterusnya dapat memelihara graduan UNIMAS yang mempunyai sifat kepimpinan dan keyakinan yang tinggi, disamping beretika dalam menyuarakan pendapat serta meningkatkan jati diri setiap pelajar.

Hakikatnya, penggunaan media sosial ini adalah merupakan adaptasi UNIMAS kepada salah satu contoh perkembangan maju teknologi terkini dan ianya sejajar dengan moto UNIMAS, “Contemporary and Forward Looking”
After completing initial test-runs, the Smartcard Attendance System (SAS) has been approved for implementation throughout the UNIMAS campus. SAS is a component system to the Office Hour In Out (OHIO) System, the other being the Movement In and Out (MIO) system. This provides a standard and systematic platform to administer the attendance of staff members in UNIMAS.

SAS allows the administrator to gain empirical information on the attendance record of their staff members. Working in tandem with MIO, all activities involving the staff work attendance and movements can be monitored online, allowing for better record keeping and remedial actions.
UNIMAS subscribes to Malaysian Research & Education Network (MyREN) - a network solely dedicated for research purposes in Malaysia. At a speed of 10Mbps, MyREN allows researchers to hold video conferences with any local universities via MyREN with no significant lag. Thus, allowing researchers to conduct student VIVA, meetings, collaborative consultations or even research presentations over the internet and save both time and effort on travelling to a designated location to conduct such activities.

Aside from local universities, any institution that is hosted within a research network globally can be connected via MyREN. These include:

- CERNET (China)
- KOREN (Korea)
- SINGAREN (Singapore)
- ThaiREN (Thailand)
- PREGINET (Philippines)
- VINAREN (Vietnam)
- Institut Teknologi Bandung (Indonesia)

as well as the pan-European GEANT2 network, that hosts:

- DFN (Germany)
- RENATER (France)
- SURFnet (Netherlands)
- UKERNA (United Kingdom)

Software and hardware purchases for researchers have to be done via their respective research grants. This is true for all off-campus grants. In submitting applications for research grant, the researchers have to include their software and hardware needs.

For grants obtained from UNIMAS Fundamental Grant or Small Grant Scheme, researchers may choose to seek help from the Centre for Applied Learning and Multimedia (CALM) to source out available software or liaison with the Research and Innovation Management Centre (RIMC) for assistance.
UNIMAS has been using the integrated Research Information System (iRIS) for some time now and they have recently launched version 5 for use by the university’s researchers. Version 5 comes with various new functions as well as user enhancements to further assist researchers in updating their research profiles.

The improvements include:

1. ProjectID is now automatically generated if none was supplied by the researcher.

2. Researchers can now add to the list of the seminars they have attended. This eliminates the manual process of sending the list to the Research and Innovation Management Centre (RIMC). iRIS will lists all previous seminars attended and researchers merely need to click on the ‘Add New’ button to add their latest seminars.

3. Data from the Faculty of Computer Sciences and Information Technology’s research system, PREMAS, has been uploaded into iRIS and is only visible and available in version 5.

4. Researchers can now self manage their own profile including uploading their recent photographs.

More enhancements has been planned for iRIS, so do watch this column.
UNIMAS perlu akur dalam mematuhi garis panduan dan memenuhi kriteria yang disediakan oleh Kerajaan dalam mengejar pengiktirafan melalui Malaysia Government Portal And Websites Assessment yang dikendalikan oleh Multimedia Development Corporation (MDeC). Bagi memenuhi salah satu kriteria tersebut, maka laman web UNIMAS kini dikenali sebagai Portal Rasmi UNIMAS.

PENILAIAN MDEC
Penilaian oleh MDEC dilaksanakan dari bulan April hingga Julai setiap tahun. Penilaian ini adalah berdasarkan Pekeliling Am Bil. 1 Tahun 2006 : Pengurusan Laman Web/Portal Sektor Awam yang dikeluarkan oleh pihak Unit Pemodenan Tadbiran dan Perancangan Pengurusan Malaysia (MAMPU).

Penilaian dibahagikan berdasarkan kepada kriteria berikut:

a. **Content** – Maklumat asas laman web/portal seperti alamat emel, nombor faks, alamat dan jumlah traksaksi online.

b. **Usability** – Ciri-ciri yang menyokong dan memudahkan pengguna menggunakan laman web/portal seperti jumlah halaman laman web dan fungsi carian.

c. **Security** – Ciri-ciri yang meyakinkan pengguna untuk menggunakan perkhidmatan atas talian seperti menyatakan polisi keselamatan di laman web.

d. **Participation** – Ciri-ciri yang membolehkan pengguna memberi pendapat atau maklum balas seperti menyediakan borang maklum balas atau menyediakan kaedah lain seperti SMS.

e. **Services** – Ciri-ciri yang membolehkan perkhidmatan agensi Kerajaan diautomasikan seperti e-perkhidmatan.
Kriteria-kriteria yang telah dicapai oleh portal rasmi UNIMAS

UNIMAS komited dan yakin bahawa Portal Rasmi UNIMAS akan mendapat kedudukan (ranking) yang lebih baik dengan memperolehis markah yang lebih cemerlang pada penilaian portal untuk tahun 2013.

Bil Kriteria
1. Penetration Test
   Pencerobohan beretika dilakukan terhadap portal/laman web yang disasarkan untuk mengetahui tahap kekebalan sesuatu portal/laman web.

2. ICT Security Incidents
   Semua rekod keselamatan ICT (pencerobohan, penembusan dan lain-lain) dalam tempoh yang ditetapkan yang telah dikesan atau dilaporkan bagi agensi/dan portal/laman web.

3. Public Complaints
   Perlu dipastikan tiada aduan yang dibuat ke atas portal/laman web di Biro Pengaduan Awam (BPA), surat khabar atau sumber media lain.

4. English Language Review
   Halaman berbahasa English akan disemak sehingga tiga tahap (level) dari segi tatabahasa, ejaan dan lain-lain lagi.
   Tahap pertama terdiri dari halaman utama, tahap kedua terdiri dari halaman yang memaparkan bisnes utama agensi dan tahap ketiga ialah halaman soalan lazim.
Launching of UNIMAS official portal

The UNIMAS Vice Chancellor, Prof. Datuk Dr. Khairuddin Ab Hamid launched the UNIMAS Official Portal on the 1st of August 2012. A public lecture by Prof. Dr. Narayanan Kulathuramaiyer entitled ‘Webometrics, Contemporary and Forward Looking’ preceded the event.

InMinds (Research) goes LIVE

The Intelligent Mining and Decision Support System (InMinds) Phase III which focuses on a research’s statistical analysis needs was launched on the 13th August 2012. Amongst others, this system aims to assist the university’s top management in making effective and informed decision pertaining to research matters.

Payment for participation in conferences/seminars/workshops hosted by UNIMAS can now be made through the Online Conference Payment System commencing of 10th September 2012. The links to the system and the user manual are available at both UNIMAS Official Portal and Anjung UNIMAS.

Online Conference Payment System

Payment for participation in conferences/seminars/workshops hosted by UNIMAS can now be made through the Online Conference Payment System commencing of 10th September 2012. The links to the system and the user manual are available at both UNIMAS Official Portal and Anjung UNIMAS.

Postgraduate Course Registration

The Centre for Graduate Studies (CGS) is constantly introducing better services to its postgraduate students. Online Course Registration for postgraduate students (coursework) is now available at the CGS website.

e-Marking accessible from outside campus

e-Marking, an online system to input undergraduate’s marks since 2009 is now accessible to lecturers from outside the campus. Previously, the system was only available within UNIMAS (intranet). This enhancement has significantly eased the task of gathering student’s marks.

ePrestasi Akademik shortlisted for award

UNIMAS is proud that the ePrestasi Akademik has been shortlisted as an innovative project under the Ministry of Higher Education Innovation Award 2012. The award covers projects implemented among the higher educationed institutions in Malaysia, and involves innovations that further enhance the quality of services in those institutions.
June


Workshop: ICT Strategic Planning Review

Road Show: Lotus Notes dan Aplikasi Sidang Video (HEP&A)

July

Training: MyMeeting

Knowledge Sharing: CICTS Executive Management Program

Road Show: Lotus Notes dan Aplikasi Sidang Video (BPPA)

Knowledge Sharing: Secured ICT Governance

August

Knowledge Sharing: Khidmat Pengguna & Sokongan Teknikal / Pengurusan Pusat Data

Knowledge Sharing: Pengurusan Komunikasi ICT / Pengurusan Aplikasi Pentadbiran

Training: MS Office (Beginners) (IEAS)

September

Knowledge Sharing: Inisiatif Sumber Terbuka & Teknologi Maju / Penilaian Teknikal & Latihan

Training: Office Automation (Ms Word, Excell, Power Point)

Training: UBUNTU for Beginners

Training: InMinds (Research)

Training: Pembangunan Microsite menggunakan Joomla 2.5

Knowledge Sharing: Sistem Pengurusan Pelajar

October

Knowledge Sharing: Inisiatif Sumber Terbuka & Teknologi Maju / Penilaian Teknikal & Latihan

Training: Office Automation (Ms Word, Excell, Power Point)

Training: InMinds (Research)

Training: Pembangunan Microsite menggunakan Joomla 2.5 (College Staff)

November

Road Show: Lotus Notes dan Aplikasi Sidang Video (FEB)

Knowledge Sharing: Introduction of ICT Services to Researchers

Training: MS Word & Excel (Intermediate)

Knowledge Sharing: Introduction of ISMS to ICT Vendors

December

Road Show: Lotus Notes dan Aplikasi Sidang Video (FCSIT)

Knowledge Sharing: IT Service Management Leadership

For more information, please contact Technical Evaluation & Training Unit, CICTS +60 (82) 583871 psmaclean@cicts.unimas.my
Let's Start

http://www.unimas.my

e-Daftar
Accept or decline offer from UNIMAS

Student registration
Pay fees via Bank Islam/UNIMAS counter/Credit card/Online banking
Activate account to access Student Information System (e-Pelajar, Course Registration, Semester Registration)

e-Pelajar
Biodata | Academic Information | Result | Financial Info | Residential College | Medical | Announcement | Course Registration | Counselling Appointment Schedule | Academic Calendar | Academic Regulations

Anjung
Semester Registration
For students in semester 2 onwards
Students with no sponsors or halted sponsorship or others except sponsored by PTPTN or STA, must pay fees via Bank Islam/UNIMAS counter/Credit Card/Online banking before registering for new academic session.

eMail

Course Registration
Add or drop courses

Web
Opac
Morpheus

e-Voting
Election for Student Representative (Once a year)

Alumni
Graduate
Convocation attendance confirmation

Attends

For updates

CCTS
UNIMAS

CENTRE FOR
INFORMATION &
COMMUNICATION
TECHNOLOGY SERVICES
Universiti Malaysia Sarawak
94300 Kota Samarahan
Sarawak, Malaysia
Tel +60 (82) 581000
Ext 3903 / 3953
Fax +60 (82) 665147
Web http://www.cicts.unimas.my