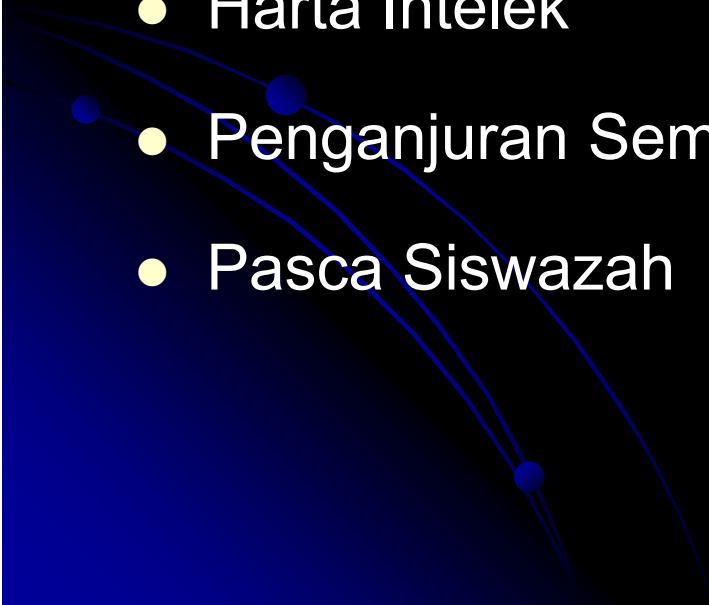




LAPORAN PENYELIDIKAN & SISWAZAH FSTP

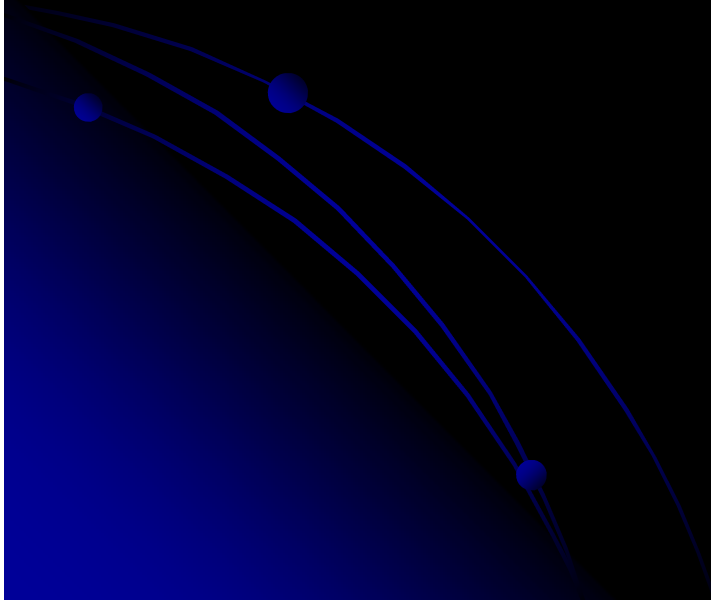
2014

KANDUNGAN

- Geran Penyelidikan
 - Penerbitan
 - Anugerah Reka Cipta Penyelidikan
 - Harta Intelekt
 - Penganjuran Seminar/Ceramah
 - Pasca Siswazah
- 



GERAN PENYELIDIKAN



Ringkasan Geran 2010-2014

- Geran 2009 (2 Projek) = **RM100,000** (Sudah TAMAT)
- Geran 2010 (3 Projek) = **RM150,600** (Sudah TAMAT)

- Geran 2010 (1 Projek) = **RM47,200** (extension)
- Geran 2011 (1 Projek) = **RM77,545** (extension)
- Geran 2012 (12 Projek) = **RM819,319** (Sedang maju)
- Geran 2013 (11 Projek) = **RM1,717,194** (Sedang maju)
- Geran 2014 (6 Projek) = **RM150,000**
= **RM 1.8 Juta**
= **RM 93,000**
= **RM 111,000**

Analisis Grant Yang Di Terima

	2010	2011	2012	2013	2014
Penerimaan Grant	5	1	12	14	6

Telah dibuat (2014):

FRGS – 6 pemohon
LRGS – 1 pemohon
Techno Fund – 2 pemohon
RACE – 3 pemohon
Korea – 5 pemohon

2015 = 7



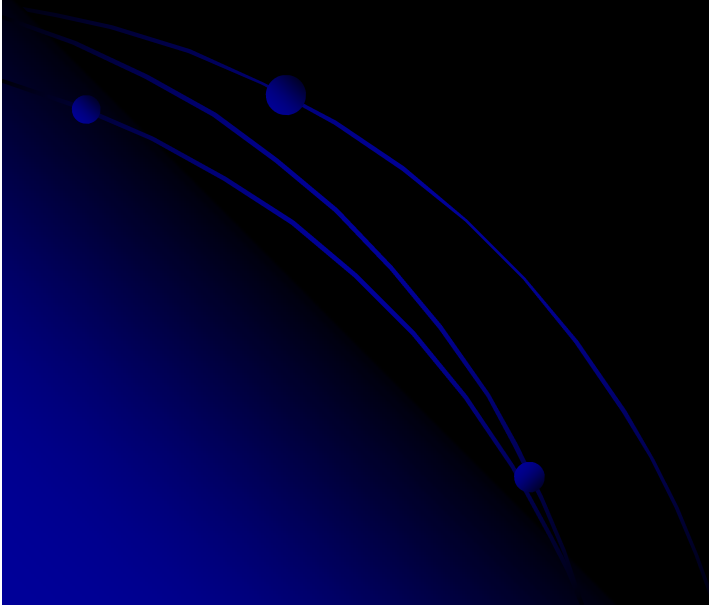
Sasaran 2015

Geran 2014

Bil.	Nama	Geran	Tempoh	Jumlah (RM)
1.	Mohamad Abu Ubaidah Amir	RACE	Jan 14 - Jan 17	50,000
2.	Dr. Puteri Nor Ellyza	RACE	Jan 14 - Jan 17	50,000
3.	Kamaruzaman Maskat	RACE	Jan 14 - Jan 17	50,000
4.	P.M. Kapt Syed Nasir	Techno Fund	Nov 14 – Nov 17	1.8 Juta
5.	Prof. Dr. Noordin	FRGS	Dis 14 – Dis 17	93,000
6.	Prof. Dato' Dr. Wan Zin	FGRS	Dis 14 – Dis 17	111,000



PENERBITAN



Jumlah Tahun Penerbitan - SCOPUS

	2012	2013	2014
Jumlah Jurnal	81	42	30

25 - 2015



Sasaran

Antara penulis yang aktif menerbitkan artikel – Berdasarkan SCOPUS

NAMA	Tahun 2012	Tahun 2013	Tahun 2014	Tahun 2015
Abdul Ghapor Hussin	7	6	3	-
Muhd Zu Azhan Yahya	27	11	11	-
Noordin Ibrahim	5	6	3	-
Wan Md Zin Wan Yunus	17	12	6	-
Omar Zakaria	4	1	-	-
Mohd Afizi Mohd Shukran	12	1	1	-
Mohd Nazri Ismail	1	2	1	-
Puteri Nor Elyza Nohudin	3	1	-	-
S. Nasir Al Sagoff	0	2	-	-
Nor Azilah Mohd Kasim	2	-	-	-
Suzaimah Ramli	3	1	-	-
Tengku Mohamad	-	-	4	-
Kamaruzaman Maskat	-	-	1	-

Prosiding - Antarabangsa

	2013	2014	2015
Prosiding	10	15	Nil

KPI 2014 = 8 prosiding

SASARAN 2015 = 9 prosiding

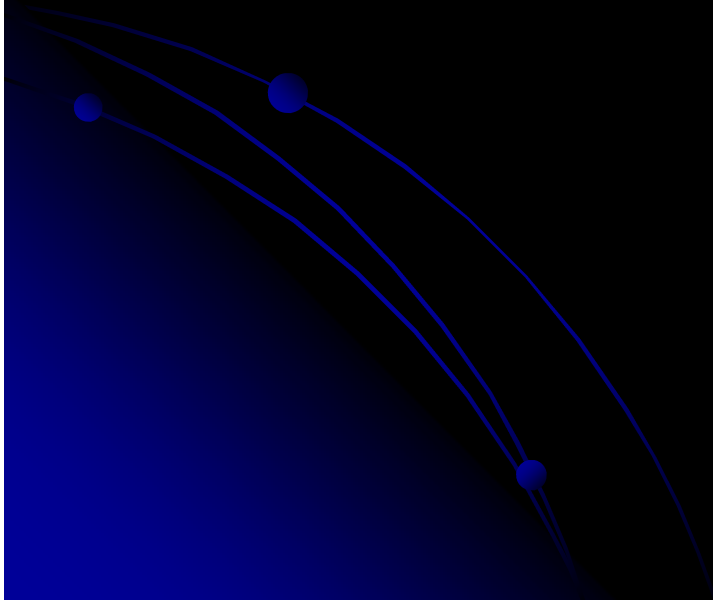
Prosiding 2014 (International/National)

- Prof. Dr. Ghapor -3
- Dr. Amalina – 1
- Mohamad Abu – 2
- Dr. Afizi – 3
- Dr. Mohd Nazri - 3
- Prof. Dr. Zu Azhan - 1
- Kamaruzaman – 1
- Dr. Puteri - 1

Jumlah = 15



ANUGERAH REKACIPTA



Analisis Anugerah RekaCipta

	2012	2013	2014
Anugerah	8	27	35

16



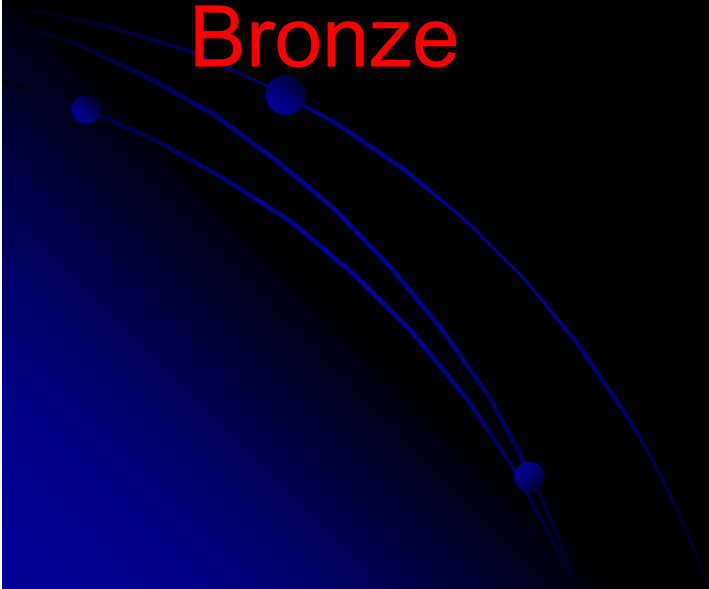
Sasaran 2015

Anugerah Terulung

- PM Kapt Syed Nasir Alsagoff (2014)
 - LONG RANGE NLOS DATA COMMUNICATION UTILIZING COMBINATION OF 2.4GHZ AND 900MHZ BAND (**MTE 2014 Best Award; Croatia Award**)
 - 2014 Winner APICTA: Best of Research and Development (R&D) – GEMPALOCATE Earthquake Zone Emergency Personal Locator (Will represent Malaysia in Indonesia)

Anugerah RekaCipta 2014 (MTE)

- Prof Dr. Muhd Zu Azhan: **1 Silver**
- Dr. Mohd Afizi: **1 Bronze**
- PM Dr. Suzaimah: **1 Bronze**
- PM Kapt Syed Nasir: **4 Gold, 2 Silver, 1 Bronze**

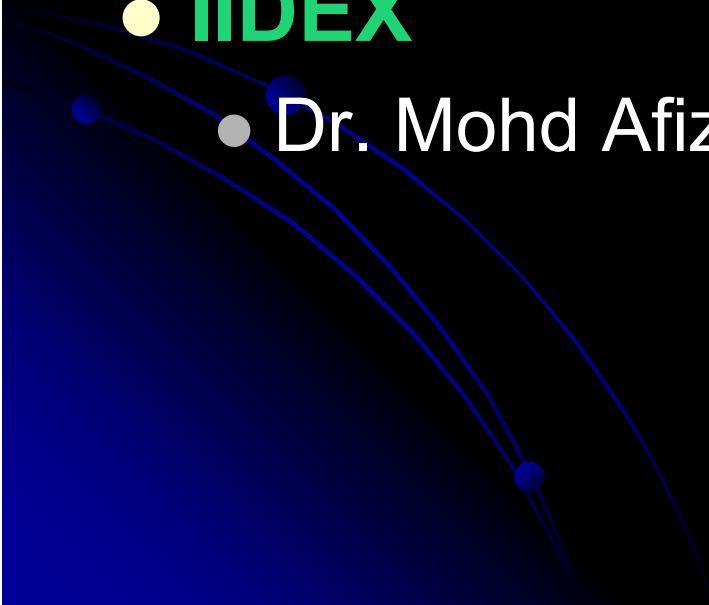


Anugerah RekaCipta 2014 (i-ENVEX & IIDEX)

- **i-ENVEX**

- PM Kapt Syed Nasir – 2 Gold, 1 Gangsa
- Dr. Afizi – 1 silver, 2 gangsa

- **IIDEX**

- Dr. Mohd Afizi – 1 Gold; 1 Bronze
- 

Anugerah RekaCipta 2014 (ITEX)

- PM Kapt Syed Nasir – 2 produk (1 Gold, 1 Silver)
- Dr. Mohd Afizi – 1 produk (1 Gold)
- PM Dr. Suzaimah – 1 produk (1 Silver)
- Pn. Nurul – 1 produk (1 Gangsa)
- Prof. Dr. Muhd Zu Azhan – 1 produk (1 Gold)

Hari Inovasi UPNM

- **PM Kapt Syed**

- Health Nut: Sistem Gamifikasi Kanak-kanak Sihat.
(Perak)

- **Dr. Afizi**

- Heave Buoy Wave Energy Converter (WEC) –
(Gangsa)

CRASH NOTIFICATION WITH GEOGRAPHIC
COORDINATOR USING ANDROID APPLICATION –
(Gangsa)


Hari Inovasi UPNM

- Mohamad Abu Ubaidah Amir, Omar Zakaria, Wan Baderul Hisan, Hardy Azmir, Mohd Afizi, Rina
 - Tajuk: Heave Buoy Energy Convertors: Simulation of Heave Buoy response to Malaysia water - **(Gangsa)**
- Pm Dr Suzaimah Bt Ramli
 - Algoritma analisa pengesanan pinggir bagi keamatan cahaya berbeza – **(Perak)**
 - SISTEM PEMBAYARAN SAMAN UPNM ATAS TALIAN DAN NOTIFIKASI KEPADA PENGGUNA – **(Perak)**

TAJUK PENYERTAAN PAMERAN PENYELIDIKAN DAN INOVASI 2014 FAKULTI SAINS DAN TEKNOLOGI PERTAHANAN

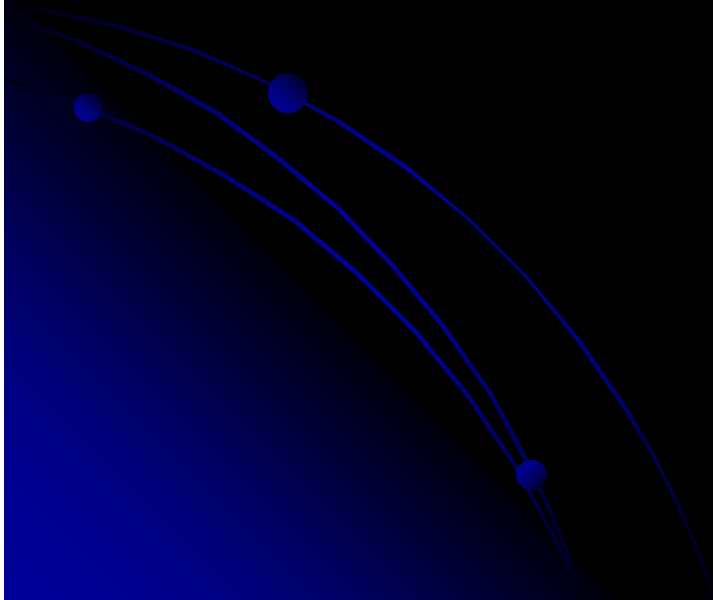
Bil	Tajuk Produk	Nama Peserta
1.	Synthesis of Heavy Metal – Ion Selective Electrodes Based on Aryl Methyl Cabonylaminothiazole Derivatives Ionospheres	Dr. Noor Azilah binti Mohd Kasim
2.	Digital Profiling Based on Email for Forensic Investigation	Norulzahrah binti Mohd Zainudin
3.	Sarian Ciri Bahasa Isyarat ke Bahasa Malaysia Menggunakan Kaedah Pemprosesan Imej	Prof. Madya Dr. Suzaimah biti Ramli, Noorsaliza binti Mohd Salleh
4.	Aplikasi Analisa Pengesanan Pergerakan Bagi Pelbagai Kamera	Prof. Madya Dr. Suzaimah binti Ramli, Nor Ayuni binti Baharon
5.	Algorithma Analisa Pengesanan Pinggir Bagi Keamatan Cahaya Berbeza	Prof. Madya Dr. Suzaimah binti Ramli, Tuan Khalisah binti Tan Zizi@Tuan Zizi
6.	Sistem Pembayaran Saman UPNM dan Notifikasi Kepada Pengguna	Prof. Madya Dr. Suzaimah binti Ramli, Ahmad Safuan bin Zulkarnain, Mohd Hanif Adha bin Ahmad Razimi
7.	Heavy Buoy Energy Converters Simulation of Heavy Buoy Response to Wave in Malaysia Water	Mohamad Abu Ubaidah Amir bin Abu Zarim
8.	Preparation of Nano-Crystallin from Rhipozophora Apiculata and It's utilization Potential to Produce Nitrocellulose	Lt Kdr Mohd Najib bin Abdul Ghani Yolhamid
9.	Health Heroes: A Healthy Lifestyle Gamification System for Children	Kept Prof. Madya Syed Nasir Alsagoff bin Syed Zakaria

BIS – British Inventor Society (Okt 2014)

- Green Cellulose - Based Air Batteries
(Prof. Dr. Zu) : **GOLD**
 - Long Range NLOS Data Communication
(PM Kapt Syed Nasir): **SILVER**
 - Pixel Graphical Password (Dr. Afizi):
BRONZE
- 

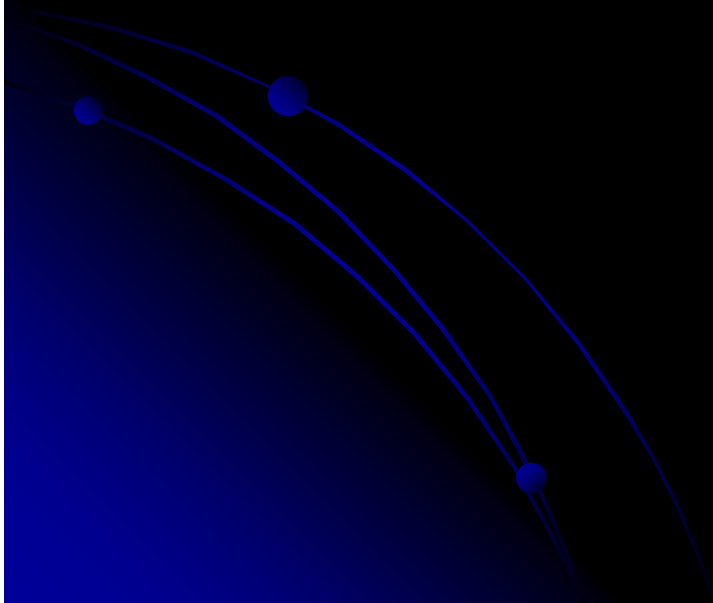


Undergraduates



Imagine Cup 2014 (Under Graduate)

- iSPY: pelajar UPNM tahun 2, Komputer Sains (Penyelia PM Hazali) mendapat 2nd runner up (Kategori World Citizenship)



Exhibition & Conference KLTech (Under Graduate)

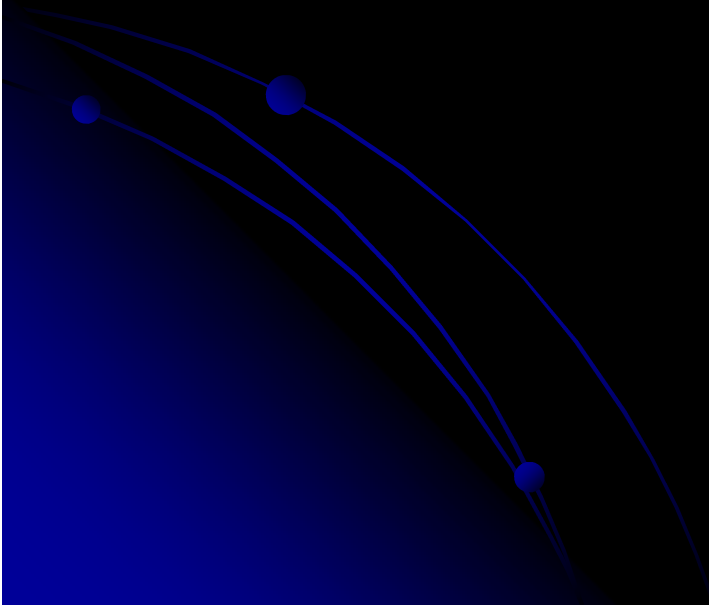
- EasyCampus: Mobile Application for Scheduling (Muhammad Izzuan & Syahneim)
- Automatic Generation of Examination Questions System (Muhammad Firdaus & Syahneim)

Exhibition & Conference KLTech (Under Graduate)

- Trend Cluster Analysis using Self Organizing Maps (Mohd Nasir Mat Amin, Puteri N. E. Nohuddin & Zuraini Zainol)
- Doorbell Application based on Android Smartphone (Smart D'Bell) – (Muhammad Aiman Mastahir, Zuraini Zainol & Puteri Nor Ellyza Nohuddin)



HARTA INTELEK



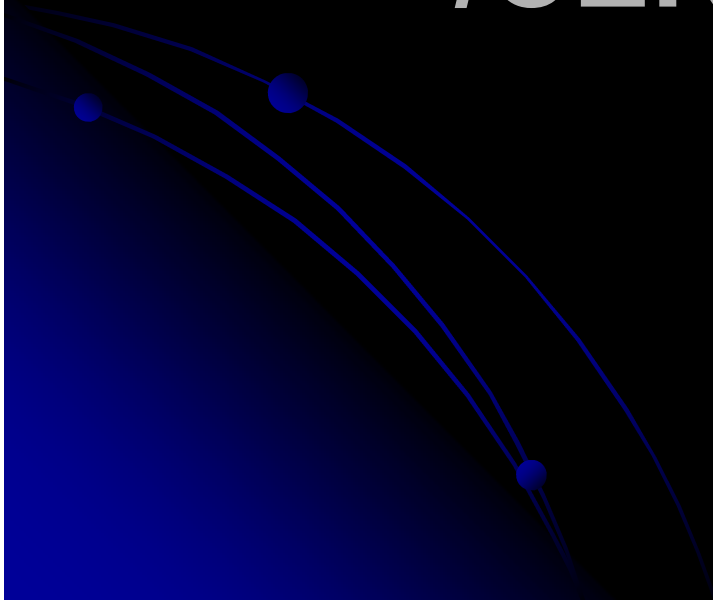
Copy Right 2014

6 produk dalam proses mendapat Copy Right

- Development of USB Data Protection System (Dr. Nazri)
- Sistem Amaran Pencerobohan Kawasan Larangan Menerusi Telefon Mobil (Dr. Nazri)
- Emergency and Security Locator Application via Android (Police Station, Fire Station & Hospital) (Dr. Nazri)
- QR Tag Scanner (Dr. Afizi)
- Crash Notification with Geographic Coordinator using Android Application (Dr. Afizi)
- Heave Buoy Energy Convertors: Analysis of Heave Buoy Response to Wave in Malaysian Waters (Mohamad Abu)



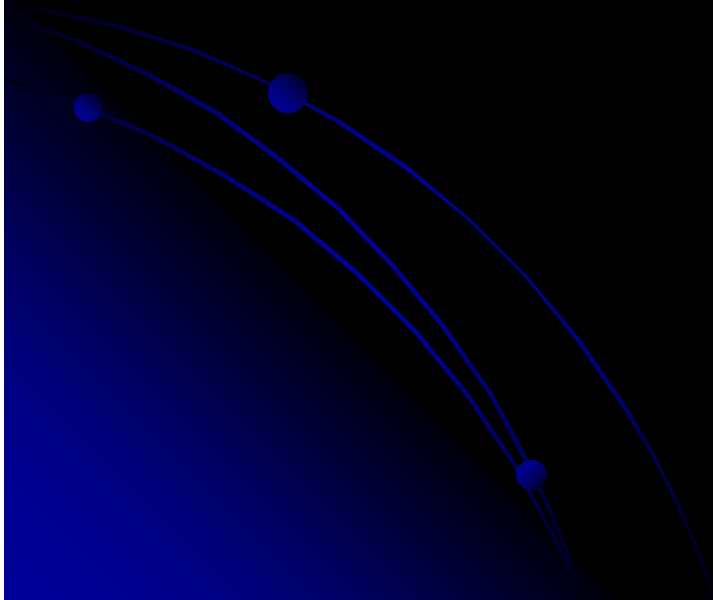
PENGANJURAN SEMINAR /CERAMAH (2014)



1. Kolokium Berkala FSTP (Feb)
2. Program Latihan Sijil Profesional (industry Base) oleh Prestariang Sdn Bhd (Jan)
3. Talk: “How to write a good research Proposal” (April)
4. CYBER SECURITY LECTURE SERIES 1 “Conducting Cyber Reconnaissance in a Penetration Testing” – cyber security centre (April)
5. **Talk: Organizing Contents of Thesis & Graduate on Time (September)**
6. **Tenth Asia Information Retrieval Societies Conference (AIRS2014) – FSTP UPNM & UniMAS & UiTM (December)**



PASCA SISWAZAH FSTP



PROGRAM SARJANA

BIL.	BILANGAN KEMASUKAN PROGRAM SARJANA						
	PROGRAM	2010	2011	2012	2013	2014	JUMLAH
1.	Tek. Maritim	1	-	1	1	-	3
2.	Kimia	-	1*	1	2	-	4
3.	Sains Komputer	-	5	4	3	4	12
4.	Fizik	-	3	-	3	-	6
5.	Tek. Pertahanan	1	1	2	4	1	9
6.	Statistik	-	-	1*	-	1	2
7.	Sains Kejurulatihan	-	-	1	-	1	2
8.	Matematik	-	-	-	-	2	2
9.	Biologi	-	-	-	-	1	1
	JUMLAH	2	10	10	13	10	41

* Pelajar telah bergraduat pada 2014

PROGRAM DOKTOR FALSAFAH

BIL.	BILANGAN KEMASUKAN PROGRAM DOKTOR FALSAFAH							
	PROGRAM	2008	2010	2011	2012	2013	2014	JUMLAH
1.	Tek. Maritim	-	-	-	-	-	-	-
2.	Kimia	-	-	-	1	1	1	3
3.	Sains Komputer	-	-	2	-	2	2	6
4.	Fizik	-	-	2	2	3	1	8
5.	Tek. Pertahanan	2*	-	-	1	2	-	5
6.	Statistik	-	-	-	-	1	-	1
7.	Sains Sukan	-	-	-	-	2	4	6
8.	Biologi	-	-	-	-	-	-	-
	JUMLAH	2	-	4	4	11	8	29

* Pelajar telah bergraduat pada 2014 (Seorang)

Pelajar Bergraduati

Bil.	No. Matrik	Nama Pelajar	Program	Mod Pengajian	Tarikh Daftar	Bil. Sem.	Penyelia/ Penasihat Akademik	Tajuk Tesis
1.	3080006	Ahmad Humaizi bin Hilmi 800214-07-5469	Doktor Falsafah (Teknologi Pertahanan)	Separuh Masa	19 November 2008	10	-Prof. Kol Ir. Dr. Norazman bin Mohamad Nor	Linear Cutting Effect Using Water Jet Pressure Exceeding 1000MPa Created by High Explosive Detonation
2.	3080053	Madiah binti Zainuddin 880707-10-5374	Sarjana Sains (Kimia)	Sepenuh Masa	3 Januari 2011	7	-Prof. Madya Dr. Ong Keat Khim -Prof. Madya Dr. Nor Azah binti Yusof (UPM)	Development of Arsenic Field Test Kit by Colorimetric
3.	3080148	Mohd. Iqbal bin Shamsudheen 851015-14-6623	Sarjana Sains (Statistik)	Sepenuh masa	1 Oktober 2012	4	-Prof. Dr. Abdul Ghapor bin Hussin -Prof. Madya Dr. Yong Zulinan Zubairi (UM)	Bootstrapping and Outliers Problem in Circular Functional Relationship Model

Jumlah pelajar telah bergraduati pada 2014 = 3 Pelajar



Hal-Hal Lain

- Laman web intranet FSTP:
 - Maklumat **R&D FSTP** dan fungsi penggunaan **File Transfer** menerusi rangkaian telah pun diaktifkan di **laman web intranet FSTP** dan telahpun beroperasi.

<http://172.16.134.10/fstp/>

Perancangan Masa Akan Datang

- Mewujudkan satu sistem maklumat pelajar siswazah (PhD & Master) FSTP (**dalam proses pembangunan**)
- Mewujudkan Sistem maklumat geran FSTP
- Mewujudkan sistem maklumat Persidangan (Conference) FSTP
- Conference 2015/2016 – joint venture dengan UniKL/SEGI University

TAMAT

Q & A

