

Seminar/Konferen 2016

Seminar/Conference 2016



KEMENTERIAN SAINS, TEKNOLOGI DAN INOVASI
MINISTRY OF SCIENCE, TECHNOLOGY AND INNOVATION



- A.B.A. Kadir, N.Z.A.A.Siti, M.A.R.Othman, & H.Sham. (8-10 November 2016). Reproducibility Test for Optically Stimulated Luminescence Dosimeter (OSLD) Nanodot Type Using Cobalt-60 Gamma Source. *Seminar R&D Nuklear Malaysia 2016, Agensi Nuklear Malaysia*. Bangi.
- A.J. Zareen Khan, M.M. Sabri, M.A. Ikmal, A.M. Ridzuan, A.M. Khairulezwan, & A.J. Nurfarhana. (8 -10 August 2016). Study on fault detection and estimation of nuclear safety and non-safety related instrumentation at RTP. *NuSTEC2016 (Session 7B)*. Shah Alam.
- A.M. Razali, N.H. Yusoff, R.Yahya, R.M. Zain, H. Ithnin, & M.F.A. Rahman. (8-10 Ogos 2016). Numerical Approach to Data Processing for Gamma Scans: a Case Study of Naphtha Splitter Column. *International Nuclear Science, Technology and Engineering 2016 (iNUSTEC2016)*, Dewan Seri Budiman, Universiti Teknologi Mara, Shah Alam, Selangor, Malaysia. Shah Alam.
- Abdul Aziz Mohammed, Anas Muhamad Pauzi, Shaik Mohmmmed Haikhal Abdul Rahman, Muhamad Rawi Muhammad Zin, Rafhayudi Jamro, & Faridah Mohamad Idris. (2016). Simulation on Reactor TRIGA PUSPATI Core Kinetics Fueled with Thorium (TH) Based Fuel Element. *Advancing Nuclear Science and Engineering for Sustainable Nuclear Energy Infrastructure: Proceeding of the International Nuclear Science, Technology and Engineering Conference 2015*. Malaysia.
- Abdul Azizi Mohamed, Nurin Irdina Mohd Anuar, Azraf Azman, Muhammad Rawi Md Zin, & Faridah Mohamed Idris, Dr. (8 -10 August). Determination of neutron thermal and epithermal at RTP thermal column beam port exit using neutron spectrometry. *NuSTEC2016 (Poster PP19)*. UITM, Shah Alam, Selangor.
- Abdul Farid, M. F. (10-21 Oktober 2016). Reactor Containment System. In the proceeding of the Bengkel Malaysian Essential Knowledge (MEK) on Nuclear Safety Assessment. Selangor.
- Abdul Farid, M. F. (10-21 Oktober 2016). Reactor Core. In the proceeding of the Bengkel Malaysian Essential Knowledge (MEK) on Nuclear Safety Assessment. Selangor.
- Abdul Kadir Ishak, N. M. (2016). Marine Monitoring of Radionuclides Released from Fukushima Daiichi Nuclear Power Plant Accident. *Seminar R&D Nuklear Malaysia 2016, Agensi Nuklear Malaysia, 8-10 November 2016*.
- Abdul Karim, J., Md Takip, K., Mustafa, M., Rabir, M., Lanyau, T., & Tom, P. P. (7-9 November 2016). Molten Salt Reactor in the Overview and Perspective of Technological Assessment.txt. In the proceeding of the *Seminar R&D 2016*, Nuklear Malaysia. Selangor.
- Abdul Mutalib, R. (10-21 Oktober 2016). Fuel Handling and Storage System. In the proceeding of the Bengkel Malaysian Essential Knowledge (MEK) on Nuclear Safety Assessment. Selangor.
- Abdul Mutalib, R. (10-21 Oktober 2016). Supporting and Auxiliary System. In the proceeding of the Bengkel Malaysian Essential Knowledge (MEK) on Nuclear Safety Assessment. Selangor.
- Abdul Rahman Norazumin, Kamarudin Samudung, & Mohd Muzamil Mohd Hashim. (3 Nov-2 Dis 2016). Seismic hazard assessment of Sabah. *Seminar on Development of Innovative Nuclear Reactor Technology (with The Spin-Off) Based on Thorium,*.

- Abi Mutaqqin J. B., Shivanandan G., Mohamad Amirudin M. R., Julia A.K., Mohamad Hairie R., Mark Dennis U., Naim Syauqi H., Muhammad Khairul Ariff M., Muhammad Husamuddin A.K., & Muhammad Rawi M. Z. (7-9 November 2016). Determination of Thorium Fuel and Thorium-Based Fuel Mass for Critically Condition by Using Monte Carlo Method. In the proceeding of the *Seminar R&D 2016*, Nuklear Malaysia. Selangor.
- Ahmad Hasnulhadi, C. N. (8-10 November 2016). Accoustic and Optical Televiwer Borehole Logging. *Seminar R&D Nuklear Malaysia 2016, Agensi Nuklear Malaysia*.
- Ahmad Latif, N., Zainal Abidin, I., Jamaludin, N., Hashim, Z., & Ramli, N. (7-9 November 2016). Quantitative Evaluation on Surface Defect Detection in Stainless Steel 304 Pipe Using Pulsed Eddy Current Technique. In the proceeding of the *Seminar R&D 2016*, Nuklear Malaysia. Selangor.
- Ahmad Nazrul Abd Wahid, Sahibin Abd Rahim, Khairuddin Abdul Rahim, & Abdul Rahim Harun. (2015). Nitrogen use efficiency evaluation of aerobic rice under field capacity water potential using 15N isotopic tracer technique. *Citation: AIP Conference Proceedings 1678, 020003*.
- Ahmad Nazrul Abd Wahid, Shyful Azizi Abdul Rahman, Abdul Rahim Harun, Latiffah Noordin, Abdul Razak Ruslan, Hazlina Abdullah , et al. (8-10 November 2016). Nitrogen Use Efficiency and Carbon Isotope Discrimination Study on NMR151 and NMR152 Mutant Lines Rice at Field Under Different Nitrogen Rates and Water Potentials. *Seminar R&D Nuklear Malaysia 2016, Agensi Nuklear Malaysia*. Bangi.
- Ahsan A. Kadhimi, Che Mohd Zain, Arshad Naji Alhasnawi, Anizan Isahak, Azhar Mohamad, Febri Doni, et al. (20-22 Oct 2016). Effect of Caesium-137 Exposure on Callus Induction of *Oryza Sativa* L.c.v MRQ74. *4th International Conference sustainable Agriculture, Food and Energy*.
- Alias, M. S., Nik Salleh, N., Salleh, M. Z., Harun, M. H., Tajau, R., Abdul Halim, K. A., & Mudri, N. H. (7-9 November 2016). The Influence of Zirconium Acrylate on Curable Palm Oil Resin as Coating Material by Using UV Technique. In the proceeding of the *Seminar R&D 2016*, Nuklear Malaysia. Selangor.
- Amry Amin Abas, N. A. (8-10 November 2016). Study of Defect Sizing in Carbon Steel Butt Welds Using Conventional Ultrasonic Technique and Phased Array Ultrasonic. *Seminar R&D Nuklear Malaysia, Agensi Nuklear Malaysia*.
- Anee Suryani Sued, Z. A. (8-10 November 2016). Authentication of *Ficus Deltoidea* Variety Kunstleri For Deltoizide Phytopharmaceutical Product. *Seminar R&D Nuklear Malaysia, Agensi Nuklear Malaysia*.
- Anith Khairunnisa Ghazali, Mohd Sabri Minhat, & Mohd Khair Hassan. (8-10 August 2016). Automated Power Control System for Reactor Triga PUSPATI. *International Nuclear Science, Technnology And Engineering 2016 (iNUSTEC2016), Dewan Seri Budiman, Universiti Teknologi Mara, Shah Alam, Selangor, Malaysia*. Shah Alam.
- Ariffin, R. B. (8-10 November 2016). Penerbitan Sainifik dalam Menilai Aktiviti Projek Penyelidikan dan Pembangunan. *Seminar R&D Nuklear Malaysia, Agensi Nuklear Malaysia*.

- Arshad Naji Alhasnawi C, Che Radziah Che Mohd Zaina, & Ahsan A. Kadhimia D. (20-22 Oct 2016). Interaction of B-glucan and NaCl stress on accumulation of antioxidant enzymes and relationships with anatomical structure of line 2 plant. *4th International Conference sustainable Agriculture, Food and Energy*.
- Asmaliza Hashim, Mohd Firdaus Abd Rahman, Nur Shahriza Zainuddin, Md Khairusalih Md Zin, & Muhammad Jamal Md Isa. (8-10 November 2016). Re-Establishment of Standard Radiation Qualities for Calibration of Dosemeter in Diagnostic Radiology - RQR Series. *Seminar R&D Nuklear Malaysia 2016, Agensi Nuklear Malaysia*. Bangi.
- Azhar Mohamad, A. R. (8-10 November 2016). β -glucan Synthase Gene Expression in *Pleurotus* sp. *Seminar R&D Nuklear Malaysia, Agensi Nuklear Malaysia*.
- Azhar Mohamad, H. J. (2016). MUTAGENESIS IN EDIBLE MUSHROOM VIA ACUTE GAMMA RADIATION. *The 14th Symposium of Malaysian Society of Applied Biology, 29th May-31st May 2016. Swiss-Garden Hotel & Residences Melaka*.
- Azhar Mohamad, Nie, H. J., Joyce, Y. S., Muhamad Najmi Moin, Siti Fariyeda Khairi Thaw, Aishah Abd Gafar, et al. (8-10 November 2016). Optimisation of *Volvariella Volvacea* Spawn Production For High Mycelia Growth. *Seminar R&D Nuklear Malaysia 2016, Agensi Nuklear Malaysia*. Bangi.
- Bohari Yaacob, Abdul Manan Mat Jais, Ibrahim Ijang , Hazlina Ahmad Hassali, & Fazliana Mohd Saaya. (15-17 Mac 2016). A Preliminary Bioavailability Study on Haruan Traditional Extract by Technetium (^{99m}Tc) Radiolabelling and Analyza by Gammascintigraphy. *INTERNATIONAL Conference on Natural Products (ICNP 2016)*. Permai Hotel, Kuala Terengganu: Malaysia.
- Che Nor Aniza Che Zainul Bahri, Wadeh M. Al-Areqi, Amran Ab. Majid, & Mohd Izzat Fahmi Mohd Ruf. (3 Nov-2 Dis 2016). Production of rare earth elements from Malaysian monazite by selective precipitation. *Seminar on Development of Innovative Nuclear Reactor Technology (with The Spin-Off) Based on Thorium*.
- Choo Thye Foo, Julie Andrianny Murshidi, Nur Ubaidah Saidin, Wilfred Sylvester Paulus, & Yusof Abdullah. (17-18 August 2016). Production of Mullite Ceramic Bodies From Kaolin Processing Waste and Aluminum Hydroxide. *International Conference on X-rays & Related Techniques in Research & industry 2016 (ICXRI 2016)*. Putrajaya: Malaysia.
- Cik Rohaida Che Hak, S. M. (2015). Microscopic Analysis for Hybrid Polymer/Nucleotide/Fatty Acid Water Droplets. *KOLOKIUM MTEG 2015, Agensi Nuklear Malaysia*.
- Cik Rohaida Che Hak, Siti Salwa Zainal Abidin, Nur Ubaidah Saidin, Siti Aishah Ahmad Fuzi, Yusof Abdullah, & Meor Yusof Meor Sulaiman. (17-18 August 2016). The Effects of Electron Beam Irradiation on Structural and Optical Properties of TiO_2 Particles. *International Conference on X-rays & Related Techniques in Research & industry 2016 (ICXRI 2016)*. Putrajaya.

- Cik Rohaida Che Hak, Siti Salwa Zainal Abidin, Nur Ubaidah Saidin, Siti Aishah Ahmad Fuzy, Yusof Abdullah, & Meor Yusof Meor Sulaiman. (8-10 November 2016). The Effects of Electron Beam Irradiation on Structural and Optical Properties of Tio₂ Particles. *Seminar R&D Nuklear Malaysia 2016, Agensi Nuklear Malaysia*. Bangi.
- Daryl Jesus Arapoc, M. Z. (8-10 November 2016). Antiproliferative Activities of Bouea Macrophylla Seed Extracts. *Seminar R&D Nuklear Malaysia, Agensi Nuklear Malaysia*.
- Esther Phillip, D. N. (8-10 November 2016). Application of IAEA BDC Screening Tool and Amber Modelling for Safety Assessment of Borehole Disposal Facility for Disused Sealed Radioactive Sources- A Malaysian Experience . *Seminar R&D Nuklear Malaysia 2016, Agensi Nuklear Malaysia*.
- Faisal, N. A. (8-10 November 2016). Key Performance Indicator (kpi) For Research and Technology Development Programme : Achievements Of 2006 To 2015. *Seminar R&D Nuklear Malaysia, Agensi Nuklear Malaysia*.
- Faisal Izwan Abdul Rashid, & Muhammed Zulfakar Zolkaffly. (9-13 May 2016). National Data Centre Preparedness Exercise 2015 (NPE2015): MY-NDC Progress Result and Experience. *NDC Workshop 2016*. Dublin, Ireland.
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- Faisal Izwan Abdul Rashid, M. Z. (2016). National Data Centre Preparedness Exercise 2015 (NPE2015): MY-NDC Preliminary Analysis Result. *Seminar R&D 2016, Nuklear Malaysia, 7-9 Nov 2016*.
- Faiz Ahmad, Mohd Zulmadi Sani, Mustapha Akil, Zaiton Ahmad, Affrida Abu Hassan, & Abdul Rahim Harun. (8-10 Nov 2016). Effect of Gamma Irradiation on Morphological Traits in M1 Generation of Kenaf (*Hibiscus cannabinus* L.) V36 Variety. *Seminar R&D 2016, Agensi Nuklear Malaysia*. Bangi, Selangor.
- Fatimah Othman, N., Selambakkannu, S., Ishak, N., Shukri, N., & Ghazali, Z. (7-9 November 2016). Radiation grafting of bis[2-(methacryloyloxy)ethyl]phosphate unto kenaf fiber for adsorption of rare earth elements. In the proceeding of the *Seminar R&D 2016, Nuklear Malaysia*. Selangor.
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- Fazliana Mohd Saaya, M. Hamid, S. Khamis, R. Abdul Rahim, & Hazlina Ahmad Hassali. (15-17 Mac 2016). Cytotoxicity Studies of Aqueous Extract of *Ficus deltoidea*. *International Conference on Natural Products (INCP 2016)*. Permai Hotel, Kuala Terengganu: Malaysia.
- H. Hassan, R. ., (8-10 November 2016). National Blue Ocean Strategy in Nuclear Technology Visibility. *Seminar R&D Nuklear Malaysia, Agensi Nuklear Malaysia*.

- Hairie, M. (7-9 November 2016). Online In-Core Thermal Neutron Flux Measurement for Validation of Computational Methods.pdf. In the proceeding of the *Seminar R&D 2016*, Nuklear Malaysia. Selangor.
- Hairie, M. (7-9 November 2016). Source-Term Determination and Dose-rates Evaluation for RTP Fuel Transfer Cask Design. In the proceeding of the *Seminar R&D 2016*, Nuklear Malaysia. Selangor.
- Harun, M. H., Talib, Z. A., Nik Salleh, N., Mohamed, M., Alias, M. S., Ibrahim, N. A., . . . Othman, N. (7-9 November 2016). Transparent Hydrophobic Coating By Sol Gel Method. In the proceeding of the *Seminar R&D 2016*, Nuklear Malaysia. Selangor.
- Hazlina Ahmad Hassali, Zainah Adam, Arapoc, D., Fazliana Mohd Saaya, Bohari Yaacob, Anee Suryani Sued, et al. (15-17 2016). Phytochemical Evaluation and Chromatographic Profile of Different Solvent Extracts of Bouea macrophylla. *International Conference on Natural Products (INCP 2016)*. Permai Hotel, Kuala Terengganu: Malaysia.
- Hing Jan Nie, A. M. (2016). Dose Response for *Auricularia Auricula*- Judge Against Acute Gamma Irradiation. *Seminar R&D 2016, Agensi Nuklear Malaysia*.
- Hing J.N, Azhar M, Zaiton A. K, Wan Safina W.A.R, Ibrahim M, & Hisham H.H. (29th May-31st May 2016). Dose Response For *Auricularia auricula-judae* Against Acute Gamma Irradiation. The 14th Symposium of Malaysian Society of Applied Biology, Swiss-Garden Hotel & Residences. Melaka.Hishamuddin Hj. Husain, M. D. (2015). Surface Properties of Oxide Growth on Aluminized Carbon Steel. *KOLOKIUUM MTEG 2015, Agensi Nuklear Malaysia*.
- Idris, S., A. Bakar, A. A., & Ratnam, C. T. (7-9 November 2016). Radiation Induced Polymerization of Pyrrole. In the proceeding of the *Seminar R&D 2016*, Nuklear Malaysia. Selangor.
- Ishak, M. I., Mustapha, I., Yusof, M. R., Abdullah, Y., Mohamad Hasan, N. P., Ahamad, M. R., . . . Abdullah, N. (7-9 November 2016). Development of Composite Made of HDPE and Fiber Reinforced Polymer Dust. In the proceeding of the *Seminar R&D 2016*, Nuklear Malaysia. Selangor.
- Ithnin, H., Rabir, M., Yahya, R., Dahing, L. N., Yusoff, N. H., & Mohamed Zain, M. (7-9 November 2016). Kesan aturan penapis dalam reka bentuk kolimator sistem PGNAA bagi reaktor TRIGA: Satu kajian MCNPX (Effect of Filter Arrangement in PGNAA Collimator Design for TRIGA Reactor: A MCNPX Study). In the proceeding of the *Seminar R&D 2016*, Nuklear Malaysia. Selangor.
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- Ibrahim Ijang, Abdul Manan Mat Jais, Muhammad NHA, & Mohamad THB. (15-17 Mac 216). Stability Studies of Electron Beam Irradiation on Haruan Traditional Extract (THE) for Oral Drug Delivery. *International Conference on Natural Products (INCP 2016)*. Permai Hotel, Kuala Terengganu: Malaysia.
- Ibrahim Mahmood, A. M. (2016). Comparism between Monokaryon and Dikaryon Mycelium of Lentinular Edodes after Exposing to Acute Gamma Radiation. *The 14th Symposium of Malaysian Society of Applied Biology, 29th May-31st May 2016. Swiss-Garden Hotel & Residences Melaka*.
- Ibrahim Mahmood, Azhar Mohamad, Fauzi Daud, & Shazrul Fazry. (8-10 November 2016). Phenotypic Variation and Characterization of Mutant Matting in Shiitake. *Seminar R&D Nuklear Malaysia 2016*. Bangi.
- J.Sharib*, Z. O. (2016). A Preliminary Application of Compound Specific Stable Isotope Analysis (CSIA) in Soil Erosion Study. *Seminar R&D Nuklear Malaysia 2016, Agensi Nuklear Malaysia*, (pp. 8-10 November 2016).
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- Joha, N. A. (8-10 November 2016). An Overview Study of Snstrumentation & Control System for PWR and BWR. *Seminar R&D Nuklear Malaysia, Agensi Nuklear Malaysia*.
- Joha, N. A., Abdul Mutalib, R., Abdul Jalil Khan, Z., Abdul Manan, M., & Minhat, M. (7-9 November 2016). The Reactor Protection System (RPS) of ReDICS at PUSPATI TRIGA Reactor (RTP). In the proceeding of the *Seminar R&D 2016, Nuklear Malaysia*. Selangor.
- John Konsoh Sangau, Mohamad Rizal Abdullah, & Mafuzah Abdul Majid. (8-10 November 2016). The Effect of Storage Period on The Optically Stimulated Luminescence Dosimeter (OSLD) Reading. *Seminar R&D Nuklear Malaysia 2016, Agensi Nuklear Malaysia*. Bangi.
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- Kadni, N. A. (8-10 November 2016). Malaysian Participation in the IAEA/WHO TLD Postal Dose Audit Service: Data Analysis From 2011-2015. *Seminar R&D Nuklear Malaysia, Agensi Nuklear Malaysia*.
- Kamarudin Samuding, N. A. (8-10 November 2016). Application of Environmental Isotope and Hydro-Geochemical Techniques in Investigating the Geothermal Resources. *Seminar R&D Nuklear Malaysia, Agensi Nuklear Malaysia*.
- Kamarudin Samuding, Mohd Muzamil Mohd Hashim, Mohamad Syahiran Mustafa, Nazran Harun, & Hasnulhadi Kamaruddin. (3 Nov-2 Dis 2016). Pre-screening siting study for small modular reactor (SMR) in Sabah, Malaysia. *Seminar on Development of Innovative Nuclear ReactorTechnology (with The Spin-Off) Based on Thorium*.

- Kassim, M. S. (10-21 Oktober 2016). Human Factors in NPP Design Oper. In the proceeding of the Bengkel Malaysian Essential Knowledge (MEK) on Nuclear Safety Assessment. Selangor.
- Kassim, M. S. (10-21 Oktober 2016). Judging Criteria (Safety of NPP-Design). In the proceeding of the Bengkel Malaysian Essential Knowledge (MEK) on Nuclear Safety Assessment. Selangor.
- Kassim, M. S. (10-21 Oktober 2016). Protection for Int Firen Explosions Int Hazards & Extevents. In the proceeding of the Bengkel Malaysian Essential Knowledge (MEK) on Nuclear Safety Assessment. Selangor.
- Khairul Azhar, A. H. (2016). Characteristic Effects of Epoxidized Palm Oil Acrylation at Laboratory Scale and Pilot Plant Scale. *Seminar R&D 2016, Nuklear Malaysia, 7-9 Nov 2016*.
- Khairul. (10-21 Oktober 2016). Nuclear Fuel Behavior and Basic Interaction. In the proceeding of the Bengkel Malaysian Essential Knowledge (MEK) on Nuclear Safety Assessment. Selangor.
- Khairul. (10-21 Oktober 2016). Nuclear Fuel Behavior During Normal Operation. In the proceeding of the Bengkel Malaysian Essential Knowledge (MEK) on Nuclear Safety Assessment. Selangor.
- Khairul Azhar, A. H. (8-10 November 2016). Characteristic Effects of Epoxidized Palm Oil Acrylation at Laboratory Scale and Pilot Plant Scale. *Seminar R&D Nuklear Malaysia, Agensi Nuklear Malaysia*.
- Khairul Anuar Mohd Salleh, A. Y. (8-10 November 2016). Digital Image Quantitative Evaluations for Low Cost Film Digitizer Height Determination. *Seminar R&D Nuklear Malaysia, Agensi Nuklear Malaysia*.
- Khomsaton Abu Bakar, M. P. (2016). Sedation Of Aggregate Pollutant In Textiles Wastewater By Electron Beam Irradiation. *Seminar R&D 2016, Nuklear Malaysia, 7-9 Nov 2016*.
- Kok Kuan Ying, Ng Inn Khuan, Nur Ubaidah Saidin, Choo Thye Foo, Wee Boon Siong, & Yusof Abdullah. (17-18 August 2016). The Effects of Substrate Orientation on Galvanic Growth of ZnO Structures. *International Conference on X-rays & Related Techniques in Research & industry 2016 (ICXRI 2016)*. Putrajaya.
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- Ligam, A. S., Masood, Z., Abdul Farid, M., Zakaria, M., Ramli, N., Kassim, M. S., . . . Tom, P. P. (7-9 November 2016). Study of Physical Protection System at PUSPATI TRIGA Reactor (RTP). In the proceeding of the *Seminar R&D 2016, Nuklear Malaysia*. Selangor.
- M.Y. Yusof, W.S. Wan Abdullah, I.M.Zainal Abidin, & M.N Salleh. (8-10 November 2016). Potential Application of Laser Shearography for Welded Inspection in Petroleum Pipeline. *Seminar R&D Nuklear Malaysia 2016, Agensi Nuklear Malaysia*. Bangi.
- M. Hairie. (7-9 November 2016). Determination of Radiation Field Using Monte Carlo Code For Shielding Design Evaluation. In the proceeding of the *Seminar R&D 2016, Nuklear Malaysia*. Selangor.

- M. R. Mohamed Zain. (10-21 Oktober 2016). Basic to Safety Analysis-Acceptance Criteria. In the proceeding of the Bengkel Malaysian Essential Knowledge (MEK) on Nuclear Safety Assessment. Selangor.
- M. R. Mohamed Zain. (10-21 Oktober 2016). Fission Product and Burn Up. In the proceeding of the Bengkel Malaysian Essential Knowledge (MEK) on Nuclear Safety Assessment. Selangor.
- M. R. Mohamed Zain. (10-21 Oktober 2016). Material Properties. In the proceeding of the Bengkel Malaysian Essential Knowledge (MEK) on Nuclear Safety Assessment. Selangor.
- M. R. Mohamed Zain. (10-21 Oktober 2016). Reactor Core Physics. In the proceeding of the Bengkel Malaysian Essential Knowledge (MEK) on Nuclear Safety Assessment. Selangor.
- M. R. Mohamed Zain. (10-21 Oktober 2016). Use of computer code. In the proceeding of the Bengkel Malaysian Essential Knowledge (MEK) on Nuclear Safety Assessment. Selangor.
- M.Z. Mohamed. (7-9 November 2016). Mengesan kehadiran radionuklid di dalam penyejuk utama di RTP (Detection of the radionuclide in the Primary Coolant RTP). In the proceeding of the *Seminar R&D 2016*, Nuklear Malaysia. Selangor.
- Md Suhaimi Elias, Y. M. (8-10 November 2016). Determination of Elemental in Soil samples from Gebeng Area Using NAA Technique. *Seminar R&D Nuklear Malaysia, Agensi Nuklear Malaysia*.
- Mahathir Mohamed, D. H. (2016). Effect of Modified Natural Rubber on PVC-ENR Electrospun Membrane:Thermal and Morphological Studies. *Seminar R&D 2016, Nuklear Malaysia, 7-9 Nov 2016*.
- Majid, M. b. (8-10 November 2016). Level of Basic Knowledge Related to Radiation Protection According to Service Groups and Status of Radiation Worker Among Employees at Malaysian Nuclear Agency. *Seminar R&D Nuklear Malaysia, Agensi Nuklear Malaysia*.
- Maslina Mohd Ibrahim, Mohd Fauzi Haris, Nursuliza Samsudin, Nolida Yussup, Azraf Azman, Faizal Azrin Abdul Razalim, et al. (3 Nov-2 Dis 2016). Web Application for monitoring and management centralize area radiation monitoring system. *Seminar on Development of Innovative Nuclear Reactor Technology (with The Spin-Off) Based on Thorium*.
- Maslina Mohd Ibrahim, Nolida Yussup, Mohd Fauzi Haris, Azraf Azman, Faizal Azrin Abdul Razalim, Syirrazie Che Soh @Shaari, et al. (3 Nov-2 Dis 2016). Centralizearea radiation monitoring system for thorium laboratories and pilot plant via ethernet. *Seminar on Development of Innovative Nuclear Reactor Technology (with The Spin-Off) Based on Thorium*.
- Md Suhaimi Elias, Yii Mei Wo, Mohd Suhaimi Hamzah, Shakirah Abd Shukor, Shamsiah Ab Rahman, Muhamad Azfar Azman, et al. (8-10 Ogos 2016). Analysis of Soil Samples from Gebeng Area using NAA Technique. *iNUSTEC 2016*. UiTM Shah Alam: Malaysia.
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- Moosa, S. (8-10 Aug 2016). Plant Uptake and Translocation of Radiocaesium from Artificially Contaminated Soil to Water Spinach (*Ipomoea Aquatica*). *International Nuclear Science, Technology & Engineering Conference, UniversitiTeknologi MARA, Shah Alam, Selangor, Malaysia*.
- Moosa, S. (8-10 November 2016). Radionuclide Transfer in Food Chain. *Seminar R&D Nuklear Malaysia, Agensi Nuklear Malaysia*.
- Mudri, N. H., Nik Salleh, N., Salleh, M. Z., Abdul Halim, K. A., Muhammad Faisal, S., & Othman, L. Z. (7-9 November 2016). Effect of nanosilica based modifying agent for hydrophobic coating application. In the proceeding of the *Seminar R&D 2016, Nuklear Malaysia*. Selangor.
- Muhammad Hannan Bahrin, M. H. (8-10 November 2016). Characterization of River Sand from Kajang and Gombak as wall Radiation Shield for Mobile Hot Cell. *Seminar R&D Nuklear Malaysia,, Agensi Nuklear Malaysia*.
- Mustapha Akil, Faiz Ahmad, Mohd Zulmadi Sani, Mohamad Azizi Mohd Saliman, Zaiton Ahmad, Affrida Abu Hassan, et al. (8-10 Nov 2016). Effects Of Acute Gamma Irradiation On The Growth Of KENAF (*Hibiscus cannabinus L.*) V36 Seedlings Under Controlled Environment. *Seminar R&D 2016, Agensi Nuklear Malaysia*. Bangi, Selangor.
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