CURRICULUM VITAE

Professor Dr. Abdul Rashid Bin Mohamed Shariff
Jabatan Kejuruteraan Biologi dan Pertanian, Universiti Putra Malaysia,
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Education

Ph.D. Spatial Information Science and Engineering, University of Maine, USA
M. Sc. Cadastre and Land Information Management, University of East London, London, UK
B. Surv. (Land) Hons., University of Technology Malaysia, KL

Areas of Interest

1. Geographical Information System (GIS), Cadaster and Land Information Management, Spatial Information Managementand, Precision Farming

Professional Qualification/ Membership/ Affiliation

1. President Institution of Geospatial and Remote Sensing Malaysia 2012-present
2. Member of Institution of Surveyors Malaysia, (since 1987)
3. Secretary National Committee of Geomatic, 2001.
4. Life Member of Malaysian Remote Sensing Society (MRSS).
5. Country Editor for GIS Development Magazine, 2006.
6. National Representative of Malaysia for International Geographical Union Commission on Geographical Information Science (IGU-UGI) since 2005-2016.
7. Member of American Society of Biological and Agricultural Engineers (ASABE), since 2008 to present.
8. Member of Institution of Chartered Agricultural Engineers, since 2009 to present.
9. Secretary of Malaysian Remote Sensing Society (MRSS), since 2010-2012.
10. Board Member, Asia Rice Monitoring Team. "Compiling Asia rice crop monitoring and developing a work plan for Asia rice crop", 2012.

Appointments

Position	Duration
1. Professor, Department of Biological & Agricultural Engineering, Faculty of Engineering, Universiti Putra Malaysia	FEB 2018-present
2. Head of Geospatial Information Science Research Centre (GIS RC)	2012-2014
3. Department of Biological & Agricultural Engineering, Faculty of Engineering, Universiti Putra Malaysia	2002- FEB 2018
4. Spatial and Numerical Modeling Laboratory, ITMA	2009-2012
5. Department of Biological & Agricultural Engineering, Universiti Putra Malaysia	1st August 2001 - 31 July 2006

Publications

Journals (30 recent journals)

1. Jayaselan, H. A. J., Ismail, W. I. W., Nawi, N. M., & Shariff, A. R. M. (2018). Determination of the Optimal Pre-processing Technique for Spectral Data of Oil Palm Leaves with Respect to Nutrient. *Pertanika Journal of Science & Technology*, *26*(3).

2. Razak, J. A. B. A., Shariff, A. R. B. M., Ahmad, N. B., & Ibrahim Sameen, M. (2018). Mapping rubber trees based on phenological analysis of Landsat time series data-sets. *Geocarto International*, *33*(6), 627-650.

3. Ahmad, M. N., Shariff, A. R. M., & Moslim, R. (2018). Monitoring insect pest infestation via different spectroscopic techniques. *Applied Spectroscopy Reviews*, 1-18.

4. Hamza, S. M., Ahsan, A., Imteaz, M. A., Mohammad, T. A., Ghazali, A. H., & Shariff, A. R. M. (2017). Assessment of spatial relationship between groundwater pollution vulnerability and quality indices in Kano, Nigeria. *Arabian Journal of Geosciences*, *10*(7), 168.

5. Ahmed, G. B., Shariff, A. R. M., Idrees, M. O., Balasundram, S. K., & bin Abdullah, A. F. (2017). GIS-Based Land Suitability Mapping for Rubber Cultivation in Seremban, Malaysia. *International Journal of Applied Engineering Research*, *12*(20), 9420-9433.

6. Azadeh Ghiyamat, Mohd Shafri, Helmi Zulhaidi, Mohamed Shariff, Abdul Rashid. "Influence of tree species complexity on discrimination performance of vegetation indices." European Journal of Remote Sensing 49 (2016): 15-37.

7. Maher Ibrahim Sameen, Faten Hamed Nahhas, Faez Hussein Buraihi, Biswajeet Pradhan, Abdul Rashid B Mohamed Shariff. "A refined classification approach by integrating Landsat Operational Land Imager (OLI) and RADARSAT-2 imagery for land-use and land-cover mapping in a tropical area." International Journal of Remote Sensing 37, no. 10 (2016): 2358-2375.

8. Ramin Nourqolipour, Abdul Rashid B Mohamed Shariff, Siva K Balasundram, Noordin B Ahmad, Alias M Sood, Taher Buyong. "Predicting the effects of urban development on land transition and spatial patterns of land use in western Peninsular Malaysia." Applied Spatial Analysis and Policy 9, no. 1 (2016): 1-19.

9. A Ghiyamat, HZM Shafri, GA Mahdiraji, R Ashurov, ARM Shariff, S Mansour. "Airborne hyperspectral discrimination of tree species with different ages using discrete wavelet transform." International Journal of Remote Sensing 36, no. 1 (2015): 318-342.

10. Ramin Nourqolipour, Abdul Rashid B Mohamed Shariff, Noordin B Ahmad, Siva K Balasundram, Alias M Sood, Taher Buyong, Fazel Amiri. "Multi-objective-based modeling for land use change analysis in the South West of Selangor, Malaysia." Environmental Earth Sciences 74, no. 5 (2015): 4133-4143.

11. Ramin Nourqolipour, Abdul Rashid B Mohamed Shariff, Siva K Balasundram, Noordin B Ahmad, Alias M Sood, Taher Buyong, Fazel Amiri. "A GIS-based model to analyze the spatial and temporal development of oil palm land use in Kuala Langat district, Malaysia." Environmental Earth Sciences 73, no. 4 (2015): 1687-1700.

12. Faez Hussein Buraihi, Abdul Rashid Mohamed Shariff. "SELECTION OF RAINWATER HARVESTING SITES BY USING REMOTE SENSING AND GIS TECHNIQUES: A CASE STUDY OF KIRKUK, IRAQ." Jurnal Teknologi 76, no. 15 (2015).

13. Ranya Fadlalla Abdalla Elsheikh, Abdul Rashid B Mohamed Shariff, Nilanchal Patel. "Mango suitability evaluation based on GIS, multi criteria weights and sensitivity analysis." International Journal of Advanced Computer Research 5, no. 18 (2015): 25.

14. B Pradhan, K Sandeep, Shattr Mansor, Abdul Rahma Ramli, Abdul Rashid B Mohame Sharif. GIS terrain data compression using lifting scheme a new dimension. Assumption University, 2015.

15. Saleh Abdullahi, Biswajeet Pradhan, Shattri Mansor, Abdul Rashid Mohamed Shariff. "GIS-based modeling for the spatial measurement and evaluation of mixed land use development for a compact city." GIScience & Remote Sensing 52, no. 1 (2015): 18-39.

16. Tajudeen Abiodun Ishola, Azmi Yahya, Abdul Rashid Mohammed Shariff, Samsuzana Abd Aziz. "A novel variable rate pneumatic fertilizer applicator." Instrumentation Science & Technology 42, no. 4 (2014): 369-384.

17. Azadeh Ghiyamat, Helmi Zulhaidi Mohd Shafri, Ghafour Amouzad Mahdiraji, Ravshan Ashurov, Abdul Rashid Mohamed Shariff, Shattri Mansor. "Impact of discrete wavelet transform on discriminating airborne hyperspectral tropical rainforest tree species." Journal of Applied Remote Sensing 8, no. 1 (2014): 083556-083556.

18. Hassan Yeganeh, Seyed jamale Khajedein, Fazel Amiri, Abdul Rashid B Mohamed Shariff. "Monitoring rangeland ground cover vegetation using multitemporal MODIS data." Arabian Journal of Geosciences 7, no. 1 (2014): 287-298.

19. MSM Alftani, ARM Shariff, MH Marhaban, SB Shafie, OM Ben Saaed, MZ Abdullah, MD bin Amiruddin. "Oil palm fruit maturity classification based on texture feature extraction of fruit thorns and supervised machine learning classifiers using image processing technique." Acta horticulturae, 2014.

20. Amiri F.,Mohamed Shariff A.R., Tabatabaie T., Pradhan B. "A geospatial model for the optimization grazing management in semi-arid rangeland of Iran." Arabian Journal of Geosciences7, no 3(2014): 1101-1114.
21. Amiri F., ShariffA.R.M. "Multivariate and an ordination approach to classify the attractiveness of the plant species in pastoral lands." Pertanika Journal of Tropical Agricultural Science37, no 3 (2014): 347-362.
22. Nourqolipour R., Mohamed Shariff A.R.B., Balasundram S.K., Ahmad N.B., Sood A.M., Buyong T., Amiri F."A GIS-based model to analyze the spatial and temporal development of oil palm land use in Kuala Langat district, Malaysia." Environmental Earth Sciences 73, no.4(2014) : 1687-1700.
23. N Hashim, NS Amin, AA Shariff, FA Manaf, RM Tahir. "The Solution of Weakly Nonlinear Oscillatory Problems with No Damping Using MAPLE." World Applied Sciences Journal 22, no. 2 (2013): 264-269.
24. Nik Norasma Che'Ya, Mohamed Shariff, Abd Rashid, Ebrahim Jahanshiri, Mohd Soom, Mohd Amin, Siti Khairunniza-Bejo, Ahmad Rodzi Mahmud. "Web-based decision support system for paddy planting management." Pertanika Journal of Science & Technology 21, no. 2 (2013): 343-364.
25. Tajudeen Abiodun Ishola, Azmi Yahya, AbdulRashid Mohammed Shariff, Samsuzana Abd Aziz. "An RFID-based Variable Rate Technology Fertilizer Applicator for Tree Crops." Journal of Applied Sciences 13, no. 3 (2013): 409.
26. Tajudeen Abiodun Ishola, Azmi Yahya, AbdulRashid Mohammed Shariff, Samsuzana Abd Aziz, Chow Syh Chuan. "Effects of operational variables on rotary valve metering system for a variable rate technology fertilizer applicator for oil palm." Journal of Applied Sciences 13, no. 3 (2013): 479.
27. Zakri Tarmidi, Abdul Rashid Mohd Shariff, Ahmad Rodzi Mahmud, Zelina Zaiton Ibrahim. "The Important of Information Integration in Marine Management: A Review." World Applied Sciences Journal 22, no. 6 (2013): 870-876.
28. Abubakar Sadiq Abdullahi, Mohammad AminMohammad Soom, Desa Ahmad, Abdul RashidMohamed Shariff. "Characterization of rice (Oryza sativa) evapotranspiration using micro paddy lysimeter and class" A" pan in tropical environments." Australian Journal of Crop Science 7, no. 5 (2013): 650.
29. Azadeh Ghiyamat, Helmi Zulhaidi M Shafri, Ghafour Amouzad Mahdiraji, Abdul Rashid M Shariff, Shattri Mansor. "Hyperspectral discrimination of tree species with different classifications using single-and multiple-endmember." International journal of applied earth observation and geoinformation 23 (2013): 177-191.
30. Loghman Khoda Krami, Fazel Amiri, Alireza Sefiyanian, Abdul Rashid B Mohamed Shariff, Tayebeh Tabatabaie, Biswajeet Pradhan. "Spatial patterns of heavy metals in soil under different geological structures and land uses for assessing metal enrichments." Environmental monitoring and assessment 185, no. 12 (2013): 9871-9888.

Conference Proceedings (30 recent Conference Proceedings)

1. Alfatni, M. S. M., Shariff, A. R. M., Bejo, S. K., Saaed, O. M. B., & Mustapha, A. (2018, June). Real-time oil palm FFB ripeness grading system based on ANN, KNN and SVM classifiers. In *IOP Conference Series: Earth and Environmental Science* (Vol. 169, No. 1, p. 012067). IOP Publishing.
2. Hashim, I. C., Shariff, A. R. M., Bejo, S. K., Muharam, F. M., & Ahmad, K. (2018, June). Classification for non infected and infected ganoderma boninense of oil palm trees using ALOS PALSAR-2 backscattering coefficient. In *IOP Conference Series: Earth and Environmental Science* (Vol. 169, No. 1, p. 012066). IOP Publishing.
3. Kee, Y. W., Shariff, A. R. M., Sood, A. M., & Nordin, L. (2018, June). Application of SAR data for oil palm tree discrimination. In *IOP Conference Series: Earth and Environmental Science*(Vol. 169, No. 1, p. 012065). IOP Publishing.
4. Ahmed, G. B., Shariff, A. R. M., Balasundram, S. K., & Abdullah, A. F. B. (2018, June). Estimation of soil loss in Seremban, Malaysia using GIS and remote sensing technique. In *IOP Conference Series: Earth and Environmental Science* (Vol. 169, No. 1, p. 012062). IOP Publishing.
5. Zolfagharnassab, S., Mohamed Shariff, A. R., & Ehsani, R. (2016, August). Emissivity determination of oil palm fresh fruit ripeness using a thermal imaging technique. In *III International Conference on Agricultural and Food Engineering 1152* (pp. 189-194).

6. Jahanshiri, E., Shariff, A. R. M., Khairunniza-Bejo, S., & Wayayok, A. (2016, August). Developing geostatistical mapping tools for precision farming of rice. In *III International Conference on Agricultural and Food Engineering 1152* (pp. 77-86).

7. Aishah Mohd Rasit, S., Shariff, A. R. M., Razak, J. A. A., Ghani, A. A. A., Fikri Abdullah, A., & Wayayok, A. (2016, June). Monitoring spatial and temporal variations of the rice backscatter coefficient (sigma0) at different phenological stages in Sungai Burong and Sawah Sempadan, Kuala Selangor. In *IOP Conference Series: Earth and Environmental Science* (Vol. 37, No. 1, p. 012048).

8. Rasit, S. A. M., Shariff, A. R. M., Razak, J. A. A., Ghani, A. A. A., Abdullah, A. F., & Wayayok, A. (2016, June). Monitoring spatial and temporal variations of the rice backscatter coefficient ($\sigma 0$) at different phenological stages in Sungai Burong and Sawah Sempadan, Kuala Selangor. In IOP Conference Series: Earth and Environmental Science (Vol. 37, No. 1, p. 012048). IOP Publishing.

9. Marghany, M., Hasab, H. A., Mansor, S., & Shariff, A. R. B. M. (2016, June). Developing hydrological model for water quality in Iraq marshes zone using Landsat-TM. In IOP Conference Series: Earth and Environmental Science (Vol. 37, No. 1, p. 012073). IOP Publishing.

10. Zulkifli, Z., Shariff, A. R. M., & Tarmidi, Z. M. (2016, June). Human leptospirosis distribution pattern analysis in Hulu Langat, Selangor. In *IOP Conference Series: Earth and Environmental Science* (Vol. 37, No. 1, p. 012021). IOP Publishing.

11. Tarmidi, Z., Shariff, A. R. M., Mahmud, A. R., Ibrahim, Z. Z., & Hamzah, A. H. (2016, June). Exploratory study on Marine SDI implementation in Malaysia. In *IOP Conference Series: Earth and Environmental Science* (Vol. 37, No. 1, p. 012014). IOP Publishing.

12. Shabdin, M. K., Shariff, A. R. M., Johari, M. N. A., Saat, N. K., & Abbas, Z. (2016, June). A study on the oil palm fresh fruit bunch (FFB) ripeness detection by using Hue, Saturation and Intensity (HSI) approach. In *IOP Conference Series: Earth and Environmental Science* (Vol. 37, No. 1, p. 012039). IOP Publishing.

13. Goma Bedawi Ahmed, **Abdul Rashid M Shariff**, Siva Kumar Balasundram, Ahmad Fikri bin Abdullah. "Agriculture land suitability analysis evaluation based multi criteria and GIS approach." IOP Conference Series: Earth and Environmental Science 37, no. 1 (2016): 012044

14. Maged Marghany, Shattri Mansor, Abdul Rashid Bin Mohamed Shariff. "Genetic algorithm for investigating flight MH370 in Indian Ocean using remotely sensed data." IOP Conference Series: Earth and Environmental Science 37, no. 1 (2016): 012001.

15. Maged Marghany, Hashim Ali Hasab, Shattri Mansor, Abdul Rashid Bin Mohamed Shariff. "Developing hydrological model for water quality in Iraq marshes zone using Landsat-TM." IOP Conference Series: Earth and Environmental Science 37, no. 1 (2016): 012073.

16. Ruzinoor Che Mat, Abdul Rashid Mohamed Shariff, Abdul Nasir Zulkifli, Mohd Shafry Mohd Rahim, Mohd Hafiz Mahayudin. Web based 3D terrain visualization using game engine. 5th International Conference on Computing and Informatics (ICOCI) 2015, 2015

17. Ruzinoor Che Mat, Abdul Rashid Mohammed Shariff, Abdul Nasir Zulkifli, Mohd Shafry Mohd Rahim, Mohd Hafiz Mahayudin. "Using game engine for 3D terrain visualisation of GIS data: A review." IOP Conference Series: Earth and Environmental Science 20, no. 1 (2014): 012037.

18. MSM Alfatni, ARM Shariff, MZ Abdullah, MH Marhaban, SB Shafie, MD Bamiruddin, OMB Saaed. "Oil palm fresh fruit bunch ripeness classification based on rule-based expert system of ROI image processing technique results." IOP Conference Series: Earth and Environmental Science 20, no. 1 (2014): 012018.

19. Mohd Amiruddin Ramli, Abdul Rashid Mohamed Shariff, Siti Khairunniza Bejo. "Spot-5 multispectral image for 60-75 days of rice mapping." IOP Conference Series: Earth and Environmental Science 20, no. 1 (2014): 012016

20. OM Bensaeed, AM Shariff, AB Mahmud, H Shafri, M Alfatni. "Oil palm fruit grading using a hyperspectral device and machine learning algorithm." IOP conference series: Earth and environmental science 20, no. 1 (2014): 012017.

21. KM Kafi, HZM Shafri, ABM Shariff. "An analysis of LULC change detection using remotely sensed data; A Case study of Bauchi City." IOP Conference Series: Earth and Environmental Science 20, no. 1 (2014): 012056.

22. K Khorramnia, ARM Shariff, A Abdul Rahim, S Mansor. "Toward malaysian sustainable agriculture in 21st century." OP Conference Series: Earth and Environmental Science 18, no. 1 (2014): 012142.

23. Ebrahim Jahanshiri, Abdul Rashid Mohd Shariff. "Developing web-based data analysis tools for precision farming using R and Shiny." IOP Conference Series: Earth and Environmental Science 20, no. 1 (2014): 012014.

24. MH Marhaban, SB Shafie, OM Ben Saaed, MZ Abdullah, MD bin Amiruddin, MSM Alfatni, ARM Shariff. "Oil Palm Fruit Maturity Classification Based on Texture Feature Extraction of Fruit Thorns and Supervised Machine Learning Classifiers Using Image Processing Technique." International Conference on Agricultural Engineering: New Technologies for Sustainable Agricultural Production and Food Security 1054, 2013: 351-357.

25. Veena Shashikant, A. R. M. Shariff, Laili Nordin, Biswajeet Pradhan. Ndvi Of Oil Palm Trees By Landsat-5 In Perak, Malaysia. .26-29-NOV-2012. The 33rd Asian Conference On Remote Sensing. Pattaya. Thailand.

26. Veena Shashikant, A. R. M. Shariff, Ramin Nourqolipour. Integration of UAV with Stress Detection Lens for Oil Palm Plantation Stress Monitoring. 26-29-NOV-2012. The 33rd Asian Conference On Remote Sensing. Pattaya. Thailand.

27. Veena A/P Shashikant, A. R. M. Shariff, B. Pradhan, Laili Nordin Estimation of Above Ground Biomass of Oil Palm Trees by PALSAR. IEEE Colloquium on Humanities, Science & Engineering Research (CHUSER 2012).

28. Meftah Salem M Alfatni, A. R. M. Shariff, Mohd Zaid Abdullah, Mohd Hamiruce Marhaban, Suhaidi B. Shafie and Osama M. Ben Saaed. (2012). The Recognition System of Oil Palm Fruit Bunch Types Based on Texture Feature Technologies and image processing techniques. International Conference on Agricultural, Food and Biological Engineering (ICAFBE 2012). Guangzhou，China.

29. Meftah Salem M Alfatni, A. R. M. Shariff, Mohd Zaid Abdullah, Mohd Hamiruce Marhaban, Suhaidi B. Shafie and Osama M. Ben Saaed. (2012). Oil Palm Fruit Ripeness Grading System Based on BGLAM Feature Extraction and SVM, KNN and ANN Supervised Machine learning. International Conference on Agricultural, Food and Biological Engineering (ICAFBE 2012). Guangzhou，China

30. O. M. Bensaeed, A. R. M. Shariff, Ahmad Rodzi Mahmud, Helmi Zulhaidi b. Mohd Shafri, M. Aouache .Oil Palm Fruit Classification Using Spectrometer.2012 International Conference on Agricultural, Food and Biological Engineering (ICAFBE 2012).

Books (If any)

1. **Abdul Rashid Mohamed Shariff,** Trends in Geospatial Education for Working Professionals, publisher GIS Asia Pacific. 2007
2. Wahid, Mohd. Taib, **Mohamed, Abdul Rashid** and Mohd. Rahim, Mohd. Shafry, 2007, Spatio-temporal object relational for biodiversity data (STORe-Biodi). In: Advance in spatial information system: application development Geographical Information System. Penerbit UTM, Johor, 121-138. ISBN 978-983-52-0633-7
3. Mohd Shafry Mohd Rahim, **Abdul Rashid Mohamed Shariff**, Shattri Mansor, Ahmad Rodzi Mahmud and Mohammad Ashari Alias, 2006, Volumetric Spatiotemporal Data Model, Book Title: Innovation in 3D Geo Information Systems, Springer Lecture Notes in Geoinformation and Cartography, Part 8, Part 2, pp. 547-556, ISBN-13: 978-3540369974

Chapter in Books (If any)

1. Ruzinoor Che Mat, **Abdul Rashid Mohamed Shariff**, Ahmad Rodzi Mahmud and Biswajeet Pradhan, 2011, "3D Terrain Visualization for GIS: A Comparison of Different Technique", Book title: "True-3D in Cartography: Autosteroscopic and Steric Visualization of Geodata", Chapter 17, Lecture Notes in Geoinformation and Cartography, Springer-Verlag.   ISBN 13: 9783642122712
2. Biswajeet Pradhan, K. Sandeep, Abdul Rahman Ramli, Shattri Mansor and **Abdul Rashid Mohamed Shariff**, "Mulitiresolution Spatial Data Compression Using Lifting Scheme", Book title: "Wavelet Analysis and Applications - Applied and Numerical Harmonic Analysis", Part 2, 2007, pp. 503-513 ISBN 13: 9783764377779, DOI: 10.1007/978-3-7643-7778-6_37.
3. **Mohamed Shariff, Abdul Rashid**. 2006. Section 6.5 Geographical Information Systems, pp. 414-424 of Chapter 6 Management and Decision Support Systems, in CIGR Handbook of Agricultural Engineering Volume VI Information Technology. Edited by CIGR--The International Commission of Agricultural Engineering; Volume Editor, Axel Munack. St. Joseph, Michigan, USA: ASABE.

Research Grants

No	Project Title	Amount (RM)	Year	Source of Fund

1.	Synthetic Aperture Radar (SAR) based Analysis of Rice Pest Infestation and Plant Stress Identification	RM73,095	2016-2018	MOSTI, Science Fund	
2.	Rice growth monitoring, estimation and damage assesment in Tanjong Karang, Kuala Selangor.	RM20,000	2016-2018	Putra Grant	
3.	Multispectral Remote Sensing for Nitrogen Fertilizer Management in Oil Palm	RM19,000	2016-2018	Putra Grant	

Awards/Recognition (Current)

Num	Name of awards	Title	Award Authority	Award Type	Year
1.	Top Researcher	2018 Top Researcher Scientist Malaysia	Academy of Sciences Malaysia	Malaysia	2018

Professional Services/Consultation

No	Year	Title	Authority	Amount
1.	2002	Remote Sensing and GIS Training, MACRES contract - July 2002	MACRES	RM 200,000
2.	2003	GIS based Spatial Analysis: Pilot study of spatial distribution of UPM undergraduates Vs CGPA,, A GIS project carried out for Faculty of Ecology - 2003	UPM	In kind
3	2003	Course on Teaching Methodology and Curriculum Preparation. Organised by the Dept of Biological and Agricultural Engineering for 15 Staff Members from the Bangladesh Agricultural University - 22nd Sept to 3rd October 2003	Bangladesh Agricultural University	RM 60,000
4	2004	GIS/GPS Training for Agriculture Park, Universiti Putra Malaysia - 2004	UPM	RM 15,000
5	2004	Precision Farming for Paddy (Client MACRES) - 2004	MACRES	RM 49,600
6	2005	GIS/GPS training for Department of Agriculture Malaysia - 14th – 17th June, 2005	Department of Agriculture Malaysia	RM 10,000
7	2006	GPS Appreciation Training for TAFE College Students, 11th – 12th November 2006	TAFE College	RM 2,000
8	2016	Penceramah Kursus Kaedah Penyelidikan (Prof. Madya Dr. Abdul Rashid Mohamed Shariff)- Pusat Inovasi & Daya Saing Akademik (CAIC) Universiti Pahang	University Pahang	RM 2,000

Student Supervision

PhD (Main Supervisor)

No.	Name	Title	Status
1.	Goma Bedawi Ahmed	Rubber Land Sustainability Based Multi Criteria and GIS	Completed
2.	Izrahayu Che Hashim	Early Detection of Ganoderma in Oil Palm Plantation by using Multisensor Approach	On-going
3.	Siti Aishah Mohd Rasit	Estimating Rice Yield and Losses using SAR	On-going

PhD (Main Supervisor)

No.	Name	Title	Status
4.	Veena A/P Shashikant	Evaluation of surface soil moisture and vegetation water content in oil palm crop and its relation to drought	On-going
5.	Mohd Najib Ahmad	Development of an automated detector and counter for bagworm census	On-going
6.	Hasmezam Bin Jamaluddin	SDI Readiness Model	On-going

MS with thesis (Main Supervisor)

No.	Name	Title	Status
1.	Adilijiang Tuerxun	Improvement in Accuracy of Determination of Maturity Level of The Oil Palm FFB by using Electromagnetic Radiation	Completed
2.	Muhammad Kashfi Shabdin	Improving the Real-time Oil Palm Grading System	Completed
3.	Farah Hijanah Eddie	Empowering Community Using Web Based GIS	Completed
4.	Nurul Nadirah Mohd Ashaari	Application of GIS in Cloud Seeding Process	On-going
5.	Kee Ya Wern	Detection of Missing Oil Palm Trees from Spaces	On-going
6.	Kok Zhi Hong	Prediction of Macronutrients in Oil Palm Trees Using Remote Sensing	On-going
7.	Goh Jia Quan	Determination of Fruit Maturity Level Using Oil Palm Ripeness Detector (OPRiD)	On-going

MS without Thesis (Main Supervisor)

No.	Name	Title	Status
1.	Janatul Aziera Abd Razak	Developing A Strategy For Accurate Mapping Of Rubber Trees From Phenological Analysis Of Landsat Time Series Datasets	Completed
2.	Faez Hussein Buraihi	Selection of rainwater harvesting sites for groundwater augmentation by using remote sensing and GIS techniques.	Completed
3.	Amna Omar	Using getis statistic and logistic regression to analyse the relationship between spatial distribution of vegetation covers and land surface temperature	Completed
4.	Aisyah Afiqah	Variable Distance Sensing of Oil Palm Fresh Fruit Bunches using Prototype Multi-band Sensor	Completed