



## CURRICULUM VITAE



| <b>I. PERSONAL PARTICULARS</b>  |   |                   |                        |            |
|---|---|-------------------|------------------------|------------|
| <b>Name</b>   | <b>NURAZLIN BINTI AHMAD</b>   |                   |                        |            |
| <b>Current Position</b><br><b>Faculty / Department</b>                                    | <b>Senior Lecturer</b><br><b>Pusat Asasi Pertahanan / Jabatan Fizik</b>                     |                   |                        |            |
| <b>Position Applying for</b>  |   |                   |                        |            |
| <b>II. ACADEMIC AND PROFESSIONAL QUALIFICATIONS</b>                                       |   |                   |                        |            |
| (Please list all academic qualifications, from your first degree, in chronological order) |   |                   |                        |            |
| <b>Year</b>   | <b>Degree</b>   | <b>Discipline</b> | <b>University</b>      |            |
| 2005 – 2006   | Master of Science   | Applied Physics   | Universiti<br>Malaysia | Kebangsaan |
| 2002 – 2005   | Bachelor of Science (Honours)   | Physics           | Universiti<br>Malaysia | Kebangsaan |
| <b>III. TITLES OF POSTGRADUATE THESES WRITTEN (At MSc/PhD Level)</b>                      |   |                   |                        |            |
| <b>No.</b>  | <b>TITLES OF POSTGRADUATE THESES</b>  |                   |                        |            |
| 1   | Pengubahsuaian Sistem Mikroskop Optik Biasa Kepada Sistem Pengimejan Struktur Domain Magnet |                   |                        |            |
|   |   |                   |                        |            |
|   |   |                   |                        |            |

**IV. WORK EXPERIENCE** (Please list your relevant experience in chronological order)

| Year          | Position           | Organisation   | Start and End Date          |
|---------------|--------------------|--|-----------------------------|
| 2009 –Present | Lecturer           | Physics Department, Pusat Asasi Pertahanan, Universiti Pertahanan Nasional Malaysia.       | 3 February 2009 – Present   |
| 2007 – 2009   | Lecturer           | Physics Department, Faculty of Applied Science, Universiti Teknologi Mara, Pahang.         | January 2007 – January 2009 |
| 2005          | Research Assistant | School of Applied Physics, Faculty of Science & Technology Universiti Kebangsaan Malaysia. | May – July 2005             |

**1.0 TEACHING AND SUPERVISION****1.1 Postgraduate Courses**

(Please list in chronological order and state: course title, semester and year)

| No. | Course Title | Semester | Year |
|-----|--------------|----------|------|
|     |              |          |      |

**1.2 First Degree Courses**

(Please list in chronological order and state: course title, semester and year)

| No. | Course Title | Semester | Year |
|-----|--------------|----------|------|
|     |              |          |      |

**1.3 Diploma Courses**

(Please list in chronological order and state: course title, semester and year)

**UiTM Pahang (Kampus Jengka):**

| No. | Course Title   | Semester | Year                       |
|-----|--|----------|----------------------------|
| 1   | PHY 340 Electronics (Diploma in Science)             | 5        | December 2006 – April 2007 |
| 2   | PHY 150 Electricity & Magnetism (Diploma in Science) | 2        | Dec 2006 – April 2007      |
| 3   | PHY 110 Mechanics 1 (Diploma in Science)             | 1        | July – November 2007       |
| 4   | PHY 103 Physics (Diploma in Wood Industry)           | 1        | July – November 2007       |

|   |                     |   |                       |
|---|---------------------|---|-----------------------|
| 5 | PHY 110 Mechanics 1 | 1 | Dec 2007 – April 2008 |
| 6 | PHY 103 Physics     | 1 | Dec 2007 – April 2008 |
| 7 | PHY 340 Electronics | 5 | Dec 2007 – April 2008 |
| 8 | PHY 110 Mechanics 1 | 1 | July – November 2008  |
| 9 | PHY 340 Electronics | 5 | July – November 2008  |

#### 1.4 Pre-Degree Courses

(Please list in chronological order and state: course title, semester and year)

| No. | Course Title                          | Semester | Year      |
|-----|---------------------------------------|----------|-----------|
| 1   | FPA 0241 Physics Lab II               | 2        | 2008/2009 |
| 2   | FPA 0113 Physics I                    | 1        | 2009/2010 |
| 3   | FPA 0121 Physics Lab I                | 1        | 2009/2010 |
| 4   | FPA 0233 Physics II                   | 2        | 2009/2010 |
| 5   | FPA 0314 Physics I                    | 1        | 2010/2011 |
| 6   | FPA 0334 Physics II                   | 2        | 2010/2011 |
| 7   | FPA 0322 Physics Lab II               | 2        | 2010/2011 |
| 8   | FPA 0342 Physics Lab II               | 3        | 2010/2011 |
| 9   | FPA 0372 Basic Physics in Medicine II | 3        | 2010/2011 |
| 10  | FWP 0512 Learning Enhancement         | 1        | 2011/2012 |
| 11  | FPA 0314 Physics I                    | 1        | 2011/2012 |
| 12  | FPA 0334 Physics II                   | 2        | 2011/2012 |
| 13  | FPA 0342 Physics Lab II               | 3        | 2011/2012 |
| 14  | FPY 0316 Physics I                    | 1        | 2012/2013 |
| 15  | FPY 0326 Physics II                   | 2        | 2012/2013 |
| 16  | FPY 0316 Physics I                    | 1        | 2013/2014 |
| 17  | FPY 0326 Physics II                   | 2        | 2013/2014 |
| 18  | FPY 0316 Physics I                    | 1        | 2014/2015 |
| 19  | FPY 0326 Physics II                   | 2        | 2018/2019 |

|    |                     |   |           |
|----|---------------------|---|-----------|
| 20 | FPY 0316 Physics I  | 1 | 2019/2020 |
| 21 | FPY 0326 Physics II | 2 | 2019/2020 |
| 22 | FPY 0316 Physics I  | 1 | 2020/2021 |
| 23 | FPY 0326 Physics II | 2 | 2020/2021 |
| 24 | FPY 0316 Physics I  | 1 | 2021/2022 |
| 25 | FPY 0326 Physics II | 2 | 2021/2022 |
| 26 | FPY 0316 Physics I  | 1 | 2022/2023 |

### 1.5 PhD Supervision

(Please list in chronological order)

| No. | Name of Student | Project Title | Date of Registration | Role (Main / Co-Supervision) | Status<br>• Completed<br>• Submitted<br>• In Progress | University |
|-----|-----------------|---------------|----------------------|------------------------------|---|------------|
|     |                 |               |                      |                              |   |            |
|     |                 |               |                      |                              |   |            |

### 1.6 PhD External/Internal Examination

(Please list in chronological order)

| No. | Name of Student | Project Title | External / Internal | Date of Viva | University |
|-----|-----------------|---------------|---------------------|--------------|------------|
|     |                 |               |                     |              |            |
|     |                 |               |                     |              |            |

### 1.7 MSc (by Research)

(Please list in chronological order)

| No. | Name of Student | Project Title | Date of Registration | Role (Main / Co-Supervision) | Status<br>• Completed<br>• Submitted<br>• In Progress | University |
|-----|-----------------|---------------|----------------------|------------------------------|---|------------|
|     |                 |               |                      |                              |   |            |
|     |                 |               |                      |                              |   |            |

## 1.8 MSc External/Internal Examination

(Please list in chronological order)

| No. | Name of Student | Project Title | External / Internal | Date of Viva | University |
|-----|-----------------|---------------|---------------------|--------------|------------|
|     |                 |               |                     |              |            |
|     |                 |               |                     |              |            |

## 1.9 Supervision (Postgraduate Research Project or Final Year Research Project)

(Please list in chronological order)

| No. | Name of Student                      | Project Title                            | Date of Registration | Role (Main/Co-Supervision) | Status <ul style="list-style-type: none"><li>• Completed</li><li>• Submitted</li><li>• In Progress</li></ul> |
|-----|--------------------------------------|--|----------------------|----------------------------|--|
| 1   | Tengku Badrul Hisham bin T. Shahrman | Real Time Speed Detection Laser Sensor   | 2010                 | Co-supervisor              | Completed  |
| 2   | Ariff Muzakkir bin Ali Syabana       | E-Learning, Persenjataan di Kapal Perang | 2011                 | Co-supervisor              | Completed  |

## 2.0 RESEARCH, PUBLICATION AND PRESENTATION

### 2.1 Research Projects

(Please list in chronological order and state: title, list of researchers, grant/year, source/amount and status)

| No. | Title  | List of Researchers <ul style="list-style-type: none"><li>• Principal</li><li>• Members</li></ul>  | Grant Year | Source Amount | Status <ul style="list-style-type: none"><li>• Completed</li><li>• In Progress</li></ul> |
|-----|--|--|------------|---------------|--|
| 1   | The Effectiveness of Online Interactive Notes (e-DC) on Matriculation Students | <b>Nurazlin binti Ahmad</b> (Principal)<br><br>Fatin Amirah binti Ahmad Shukri<br>Dr. Azuraida binti Amat Nur Azalia binti Ahmad<br>Dr. Syarifah Norsuhaila binti Mahmud | 2022       | -             | In Progress  |

| No. | Title   | List of Researchers<br>• Principal<br>• Members   | Grant Year | Source Amount         | Status<br>• Completed<br>• In Progress |
|-----|---|---|------------|-----------------------|--|
| 2   | Synthesis and Device Physics of ZnO Qd based Transistor for Biosensor Application   | Prof. Dr. Wan Haliza binit Abd. Majid (Principal - UM)<br><br>Dr. Noor Azrina binti Haji Talik Sisin<br><b>Nurazlin binti Ahmad</b><br>Dr. Suraya binti Sulaiman<br>Dr. Mohd. Arif bin Mohd. Sarjidan<br>Dr. Syed Muhammad Hafiz bin Syed Mohd Jaafar | 2019       | IIRG<br><br>RM102,600 | In Progress                            |
| 3   | Nanocomposite of ZnO QDs/P(VDF-TrFE) for energy harvesting application  | <b>Nurazlin binti Ahmad</b> (Principal)<br><br>Prof. Madya Ts. Dr. Norhana binti Abd. Halim<br>Dr. Azuraida binti Amat<br>Noor Fadhilah binti Rahmat  | 2019       | -                     | Completed                              |
| 4   | Intrinsic behavior of polar and non-polar Zinc Oxide (ZnO) prepared by Langmuir-Blodgett (LB) technique                       | Prof. Dr. Wan Haliza binit Abd. Majid (Principal - UM)<br><br><b>Nurazlin binti Ahmad</b><br>Dr. Mohd. Arif bin Mohd. Sarjidan<br>Dr. Noor Azrina binti Haji Talik Sisin  | 2019       | FRGS<br><br>RM109,800 | Completed                              |
| 5   | Theoretical gamma shielding properties of Bismuth-Boro-Tellurite glass doped $Tm_2O_3/Eu_2O_3$ for Radiation Defense Material | Dr. Azuraida binti Amat (Principal)<br><br>Nurazlin binti Ahmad<br>Noor Fadhilah binti Rahmat<br>Dr. Wan Yusmawati binti Wan Yusoff<br>Dr. Nor Azlian binti Abdul Manaf<br>Ts. Dr. Ishak bin Mansor<br>Dr. Hasnimulyati binti Laoding                 | 2019       | GPJP<br><br>RM20,000  | Completed                              |
| 6   | Nanogenerator (pyroelectric) for energy harvesting application  | Prof. Dr. Wan Haliza binit Abd. Majid   | 2015       | UMRG                  | Completed                              |

| No. | Title   | List of Researchers<br>• Principal<br>• Members   | Grant Year | Source Amount       | Status<br>• Completed<br>• In Progress |
|-----|---|---|------------|---------------------|--|
|     |   | (Principal - UM)<br><b>Nurazlin binti Ahmad</b>   |            | RM10080             |  |
| 7   | Gamma radiation resistance of new multicomposition tellurite glass doped Er/Ce rare earth ion   | Azuraida binti Amat (Principal)<br><br>Prof. Madya Dr. Halimah Binti Kamari (UPM)<br>Prof. Dr. Muhd Zu Azhan bin Yahya Dr. Noriza binti Ahmad Zabidi<br>Dr. Norhana binti Abdul Halim<br><b>Nurazlin binti Ahmad</b><br>Nurshahidah binti Osman | 2013       | FRGS<br><br>RM95000 | Completed                              |
| 8   | Development of Composite Electrolytes for Rechargeable Metal-Air Cells Development of Composite Electrolytes for Rechargeable Metal-Air Cells             | Prof. Dr. Muhd Zu Azhan bin Yahya (Principal)<br><br><b>Nurazlin binti Ahmad</b><br>Azuraida binti Amat<br>Nurshahidah binti Osman<br>Abqari Luthfi Albert bin Abdullah<br>Dr. Ab Malik Marwan Ali (UiTM)                                       | 2012       | ERGS<br><br>RM89000 | Completed                              |
| 9   | Electronic Energy Band Structure and Magnetic Properties of Iron Nickel Superconductor  | Dr. Noriza binti Ahmad Zabidi (Principal)<br><br><b>Nurazlin binti Ahmad</b><br>Prof. Dr. Muhd Zu Azhan bin Yahya<br>Dr. Norhana binti Abdul Halim<br>Azuraida binti Amat   | 2013       | FRGS<br><br>RM41000 | Completed                              |
| 10  | Optimization Preparation Conditions of Cellulose Nanocrystals (CNC) – based Banana (musa acuminata) Stem Waste by Alkaline Treatment and Bleaching Method | Prof. Dr. Fauziah binti Hj. Abd. Aziz (Principal)<br><br><b>Nurazlin binti Ahmad</b><br>Prof. Dr. Muhd Zu Azhan bin Yahya<br>Prof. Dr. Shahidan bin Radiman   | 2013       | FRGS<br><br>RM77000 | Completed                              |

| No. | Title  | List of Researchers<br>• Principal<br>• Members   | Grant Year | Source Amount | Status<br>• Completed<br>• In Progress |
|-----|--|---|------------|---------------|--|
| 11  | Characterization of superconducting foams fabricated from YBCO (123 phase) | Prof. Madya Dr. Azhan bin Hashim (UiTM Pahang) (Principal)<br><br><b>Nurazlin binti Ahmad</b><br>Haslizaidi Zakari<br>Allina Nadzri<br>Aiza Harun | 2008       | FRGS          | Completed                              |

## 2.2 Publications

### 2.2.1 Academic Journal

(Please list in chronological order and state: authors, year, title, publisher/journal, volume and number of pages (Please bold your name))

| No. | Authors, year, title, publisher/journal, volume and number of pages<br>(Please bold your name)  | Type of Journal<br>• ISI<br>• SCOPUS<br>• Peer-Reviewed |
|-----|---|---|
| 1   | Rusaini Athirah Ahmad Rusdi, Norhana Abdul Halim, Mohd Nurazzi Norizan, Zul Hazrin Zainal Abidin, Norli Abdullah, Fadhlina Che Ros, <b>Nurazlin Ahmad</b> , Ahmad Farid Mohd Azmi (2022). Pre-treatment effect on the structure of bacterial cellulose from Nata de Coco ( <i>Acetobacter xylinum</i> ). <i>Polimery</i> , 67(3), 110-118.)                 | ISI   |
| 2   | Rusaini Athirah Ahmad Rusdi, Norhana Abdul Halim, Mohd Nurazzi Norizan, Zul Hazrin Zainal Abidin, Norli Abdullah, Fadhlina Che Ros, <b>Nurazlin Ahmad</b> , Ahmad Farid Mohd Azmi (2022). The effect of layering structures on mechanical and thermal properties of hybrid bacterial cellulose/Kevlar reinforced epoxy composites. <i>Heliyon</i> , e09442. | ISI   |
| 3   | Azuraida, A., Halimah, M. K., Ishak, M., Fadhilah, N. R., Norhayati, A., & <b>Ahmad, N.</b> (2021). MASS ATTENUATION COEFFICIENT OF [(TeO <sub>2</sub> ) 0.7 (B <sub>2</sub> O <sub>3</sub> ) 0.3](BaO) x GLASS FOR ENERGY OF 1 KeV–100 GeV. <i>Chalcogenide Letters</i> , 18(3), 123-127.  | ISI   |
| 4   | Noor Fadhilah Rahmat, Wan Yusmawati Wan Yusoff, Nor Azlian Abdul Manaf, Nur Shafiqah Safee, Azman Jalar, Azuraida Amat, Nurazlin Ahmad, Irman Abdul Rahman, Norliza Ismail, Najib Saedi Ibrahim (2021). Effect of gamma radiation on micromechanical behavior of SnPb solder alloy. <i>Zulfaqr J. Def. Sci. Eng. Tech.</i> Vol. 4 Issue 1, 45-50.           |   |
| 5   | Norhana Abdul Halim, Siti Zulaikha Ngah Demon, Norli Abdullah, <b>Nurazlin Ahmad</b> , Zul Hazrin Zainal Abidin (2021). Localized Deep and Shallow Traps of $\alpha$ -Peaks from Thermally Stimulated Current (TSC) Measurement on Thermoplastic Polymers. <i>Solid State Phenomena</i> (Vol. 317).   |   |
| 6   | <b>Nurazlin Ahmad</b> , Wan Haliza Abd. Majid, & Norhana Abd. Halim (2020). Thermally Stimulated Current Study and Relaxation Behaviour of Annealed Copolymer P (VDF-TrFE) Films for Potential Pyroelectric Energy Harvesting. <i>Journal of Electronic Materials</i> , 49(9), 5585-5599.   | ISI   |



|   |  |  |
|---|--|--|
| 7 | <b>Nurazlin Ahmad</b> , Wan Haliza Abd. Majid, Norhana Abd. Halim, Azuraida Amat (2020). The Effect of Annealing on Ferroelectric Properties of Copolymer P(VDF-TrFE). <i>Int. J. Electroactive Mater.</i> 8, 31-36.   |  |
| 8 | Azraaie, N., Zainul Abidin, N.A.M., Aziz, F.A., Radiman, S., Ismail, A., Wan Yunus, W.M.Z., Mohamad Nor, N., Sohaimi, R.M., Sulaiman, A.Z., Halim, N.A., Daruis, D.D.I., <b>Ahmad, N.</b> (2016). Cellulose microfibrils/nanofibrils (CMNF) produced from banana ( <i>Musa acuminata</i> ) pseudo-stem wastes: Isolation and characterization. In <i>Materials Science Forum</i> (Vol. 846, pp. 448-453). Trans Tech Publications Ltd. |  |
| 9 | <b>Ahmad, N.</b> , Amat, A., Yusoff, W. Y. W., Osman, N., & Ibrahim, N. B. (2015). Modification Of Normal Microscope To Magneto-Optical Microscope. <i>International Journal of Scientific &amp; Technology Research</i> , 4(4), 31-34.  |  |

### 2.2.2 Book/Chapter in Book:

(Please list in chronological order and state: authors, year, title, publisher, volume and number of pages  
(Please bold your name)

| No. | Authors, year, title, publisher, volume and number of pages (Please bold your name)   | Level <ul style="list-style-type: none"> <li>• International</li> <li>• National</li> <li>• University</li> </ul> |
|-----|---|---|
| 1   | Azuraida Amat, <b>Nurazlin Ahmad</b> , Nurshahidah Osman, Wan Yusmawati Wan Yusof, Siti Zulaikha binti Ngah Demon, 2011. Module FPA 0314 (Physics 1), UPM. (ISBN 978-967-5985-13-3)         | University  |
| 2   | <b>Nurazlin Ahmad</b> , Azuraida Amat, Nurshahidah Osman, Wan Yusmawati Wan Yusof, Siti Zulaikha binti Ngah Demon, 2011. <i>Module FPA 0334 (Physics 2)</i> , UPM. (ISBN 978-967-5985-14-0) | University  |
|     |   |   |

### 2.2.3 Proceeding Articles :

(Please list in chronological order and state: authors, year, title, publisher/conference, volume and number of pages (Please bold your name)

| No. | Authors, year, title, publisher/conference, volume and number of pages (Please bold your name)   | Level <ul style="list-style-type: none"> <li>• International</li> <li>• National</li> <li>• University</li> </ul> |
|-----|--|---|
| 1   | Azuraida Amat, Halimah Kamari & <b>Nurazlin Ahmad</b> . <i>Optical Properties Of [(TeO<sub>2</sub>)<sub>0.7</sub>(B<sub>2</sub>O<sub>3</sub>)<sub>0.3</sub>]<sub>1-x</sub>(Bi<sub>2</sub>O<sub>3</sub>)<sub>x</sub> Glass System</i> . RCSSST27 conference (20-22 December 2013, Kota Kinabalu, Sabah) | International   |
|     |  |   |

### 2.3 Presentation:

(Please list in chronological order)

| No. | Event   | Title of Paper Presented   | Role (Keynote Speaker / Invited Speaker / Presenter)                         | Date                 | Organizer   |
|-----|---|--|--|----------------------|---|
| 1   | Defence, Security and Sustainability Exhibition 2022 (DSS2022)                  | <i>Zinc Oxide Quantum Dots Embedded Into Polymer Matrix as Pyroelectric Energy Harvesting Nanogenerators</i> | Presenter<br><br>(Gold Award)  | 3 & 4 August 2022    | Lestari Hall, UPNM  |
| 2   | Defence, Security and Sustainability Exhibition 2022 (DSS2022)                  | <i>e-DC</i>  | Team member<br><br>(Bronze Award)  | 3 & 4 August 2022    | Lestari Hall, UPNM  |
| 3   | International Innovation ARSVOT Malaysia 2022 (IAM2022)                         | <i>e-DC</i>  | Video submission<br><br>(Silver Award)                                       | 25 & 26 June 2022    | Association for Researcher of Skills and Vocational Training (ARSVOT) |
| 4   | International Innovation ARSVOT Malaysia 2022 (IAM2022)                         | <i>v-PhyLabex</i>  | Video submission<br><br>(Silver Award)                                       | 25 & 26 June 2022    | Association for Researcher of Skills and Vocational Training (ARSVOT) |
| 5   | Pre-University Maltricolation Innovation Competition 2022                       | <i>Dorms Emergency Call System (DoeS)</i>  | Mentor<br><br>Category A: Student (Science & Technology)<br><br>(Gold Award) | 2 – 4 & 8 March 2022 | UPNM & Asasi Council  |
| 6   | International Invention, Innovation & Design Expo (INoDeX 2021)                 | <i>Smart Street Light with Emergency Call (SOS SMaSL)</i>  | Video submission<br><br>(Bronze Award)                                       | 8 & 9 November 2021  |   |
| 7   | Pre-University Malaysia Innovation Competition 2021                             | <i>SMoSL : Smart Mobile Street Light</i><br><br>(Gold Award)   | Mentor<br><br>(Gold Award)   | 7-9 & 15 March 2021  | STEM UMT & Asasi Council  |
| 8   | PAP Innovation Competition (PAPIC 2021)   | <i>Smart Mobile Street Light (SMoSL)</i>   | Mentor<br><br>(Silver Award & Anugerah Khas Jabatan Fizik)                   | 30 March 2021        | PAP & PPPI (UPNM)   |
| 9   | Kelantan International Learning & Innovation Exhibition (KILIEX 2021), Level A: | <i>Energy Harvesting Figure of Merit of PVDF-TrFE/ZO QDs Composite Films</i>                                 | Video submission<br><br>(Best Video Award, Bronze Award)                     | 29 June 2021         | UiTM Cawangan Kelantan.   |

|    |  |   |                                 |                  |  |
|----|--|---|---------------------------------|------------------|--|
|    | Professional (Science & Technology),   |   |                                 |                  |  |
| 10 | 3rd International Innovation, Invention & Design Competition (ICON 2020)   | <i>Pyroelectric Energy Harvester of Novel PVDF-TrFE/ZnO QDs</i>   | Video submission (Silver Award) | 15 November 2020 | UiTM Cawangan Terengganu.  |
| 11 | Virtual Materials Technology Challenges (vMTC 4.0), 2020   | <i>Ferroelectric Enhancement in Novel P(VDF - TrFE)/ZnO Quantum Dots Thin Films</i>   | Presenter (Gold Award)          | 2 September 2020 | Universiti Putra Malaysia & Malaysia Solid State Science and Technology Society (MASS).      |
| 12 | Materials Technology Challenges 3.0 (MTC 2019), International Conference on Solid State Science and Technology (ICSSST 2019) | <i>The Effect on Annealing on Ferroelectric Properties of Copolymer P(VDF-TrFE)</i>   | Presenter (Bronze Award)        | 12 November 2019 | Pusat Asasi Pertahanan, UPNM dan Malaysian Solid State Science and Technology Society (MASS) |
| 13 | The 2 <sup>nd</sup> Suranaree University of Technology & University of Malaya Physics Seminar (SUTUM-2).                     | <i>Thermal Annealing Effect of Copolymer P(VDF-TrFE) Films for Energy Harvesting Application.</i>   | Presenter                       | 2 August 2018.   | University of Malaya   |
| 14 | Kolokium Sains dan Teknologi Pertahanan 2014.  | <i>Optical Band Gap Of [(TeO<sub>2</sub>)<sub>0.7</sub> (B<sub>2</sub>O<sub>3</sub>)<sub>0.3</sub> ]<sub>1-x</sub> (Bi<sub>2</sub>O<sub>3</sub>)<sub>x</sub> Glass.</i> | Presenter                       | 19 February 2014 | Universiti Pertahanan Nasional Malaysia  |

### 3.0 ACADEMIC RECOGNITION AND LEADERSHIP, CONSULTANCY, SERVICE TO THE UNIVERSITY AND SERVICE TO THE COMMUNITY

#### 3.1 Academic Recognition and Leadership

Academic recognition and leadership such as Academic Award, Academic Assessor/ /Promotion Assessor (External), Visiting Professor/Fellowship, Editorial Board and other academic recognition.

| No. | Academic Recognition                  | Year | Level      | Awarding Body / Name of Institution |
|-----|---------------------------------------|------|------------|-------------------------------------|
| 1   | Anugerah Perkhidmatan Cemerlang (APC) | 2013 | University | UPNM                                |
| 2   | Penerima Sijil Prestasi Cemerlang     | 2012 | University | UPNM                                |
|     |                                       |      |            |                                     |

### 3.2 Consultancy work that benefited to the University.

(Please list in chronological order and state: title, year, sponsor, value and duration of consultancy)

| No. | Title  | Year        | Sponsor | Value | Duration                 |
|-----|--|-------------|---------|-------|--------------------------|
| 1   | Ahli Jawatankuasa Pelaksana Penggerak STEM-KTP Pusat Asasi Pertahanan bagi Pusat Asasi Pertahanan Innovation Competition 2022 (PAPIC 2022) | 2022        |         |       |                          |
|     | Penilai Kolokium Pascasiswazah Sesi 1/2022   | 2022        |         |       |                          |
| 2   | Ahli Jawatankuasa Pelaksana Penggerak STEM-KTP Pusat Asasi Pertahanan bagi Pusat Asasi Pertahanan Innovation Competition 2021 (PAPIC 2021) | 2021        |         |       |                          |
| 3   | Ahli Jawatankuasa Webinar: How to Sustain Your Passion as Postgraduate Students Pusat Asasi Pertahanan, UPNM                               | 2021        |         |       |                          |
| 4   | Pembentang Kolokium Geran Penyelidikan   | 2021        |         |       | 1 Disember 2021          |
| 5   | Penilai Kolokium Pascasiswazah Sesi 2021   | 2022        |         |       | 23 & 24 November 2021    |
| 6   | Penyiasat Kehilangan Aset, UPNM  | 2014        |         |       | 24 July – September 2014 |
| 7   | Internal Auditor, Pusat Jaminan Kualiti, UPNM  | 2011 - 2013 |         |       | 2011 - 2013              |

### 3.3 Service to the University

Service to the university such as Vice Chancellor/Deputy Vice Chancellor/Dean/Director, Deputy Dean/Deputy Director/Unit Coordinator/Hostel Warden, Programme Chairperson/ Assistant Warden/Fellow. Representing University in Sports and Other Non-Academic Activities. Professional/Academic Association (Committee Member).

(Please list in chronological order and state: position/membership and duration)

| No. | Position/Membership                              | Duration |
|-----|--|----------|
| 1   | AJK Hadiah & Sijil (PIITRAM 2022)                | 2022     |
| 2   | AJK Jamuan Raya (PAP 2022)                       | 2022     |
| 3   | AJK Penyambut Tetamu Ibu Bapa (Konvokesyen UPNM) | 2022     |


|    |   |                                |
|----|---|--------------------------------|
| 4  | Penyelaras Kursus Fizik 2   | 2022/2023                      |
| 5  | AJK Program Baharu Ijazah Sarjana Muda Sains Keselamatan Dalam Industri | 2022                           |
| 6  | Pemangku Setiausaha   | June – August 2022             |
| 7  | Mentor bagi projek inovasi pelajar PAP (PIITRAM 2021)                   | 2021                           |
| 8  | Mentor bagi projek inovasi pelajar PAP (PIITRAM 2020)                   | 2020                           |
| 9  | Penyelaras Slaid Kursus Fizik 1, Pusat Asasi Pertahanan (Coordinator)   | 2021/2022                      |
| 10 | Penyelaras Slaid Kursus Fizik 1, Pusat Asasi Pertahanan (Coordinator)   | 2021/2022                      |
| 11 | Persatuan Sains & Teknologi Keadaan Pepejal Malaysia (Member)           | 20 Dec 2013 - present          |
| 12 | Electroactive Materials Society (Member)                                | Since July 2013                |
| 13 | Kelab Kebajikan dan Rekreasi PAP (Member)                               | 2009 - Present                 |
| 14 | Bengkel Pemurnian Manual Amali Fizik I                                  | Feb – July 2013                |
| 15 | Bengkel Pemurnian Modul Fizik 2   | 30 – 31 Oct & 1 Nov 2012       |
| 16 | Bengkel Pengukuran & Penilaian, Intekma Resort, Shah Alam               | 18 – 20 Apr 2011               |
| 17 | Program Klinik Asasi Sem II 2010/2011                                   | 2 <sup>nd</sup> Sem, 2010/2011 |
| 18 | Module of Physics II (FPY 0326)   | 2 <sup>nd</sup> Sem, 13/14     |
| 19 | Course Physics II (FPY 0326)  | 2 <sup>nd</sup> Sem, 12/13     |
| 20 | Course Physics II (FPA 0334)  | 2 <sup>nd</sup> Sem, 11/12     |
| 21 | Course Basic Physics in Medicine 2 (FPA 0372)                           | 3 <sup>rd</sup> Sem, 10/11     |

### 3.4 Service to the community

(Please list in chronological order)

| No. | Organization                                      | Role   | Start Date | End Date | Level |
|-----|---|--------|------------|----------|-------|
| 1   | PIBG bagi Sekolah Kebangsaan Taman Prima Selayang | Member | 2016       | Present  |       |
|     |   |        |            |          |       |
|     |   |        |            |          |       |

I declare that all the information in this form is true and correct. The University has the right to withdraw or reject the application if any information in this form found to be untrue.

Signature : 

Name : NURAZLIN BINTI AHMAD

Faculty/Department : PUSAT ASASI PERTAHANAN / JABATAN FIZIK

Date : 26 OGOS 2022

I verify that, to the best of my knowledge, all the information provided in the forms are true.

Dean  
Signature and Stamp :

Date :