**1. Tasks and Contributions (Tugas dan Sumbangan)**

**a. International Level (Peringkat Antarabangsa)**

| **No.** | **Program** | **Role** | **Date** | **Organizer** |
| --- | --- | --- | --- | --- |
| 1 | DRONATRIX 2025 | Committee Member | 11.04.2025-13.04.2025 | Kolej Matrikulasi Sarawak |
| 2 | DRONATRIX FPV Challenge 2024 | Committee Member | 08.03.2024-10.03.2024 | Kolej Matrikulasi Sarawak |
| 3 | DRONATRIX FPV Challenge 2023 | Committee Member | 03.03.2023-05.03.2023 | Kolej Matrikulasi Sarawak |

**b. National Level (Peringkat Kebangsaan)**

| **No.** | **Program** | **Role** | **Date** | **Organizer** |
| --- | --- | --- | --- | --- |
| 1 | Temuduga Pemilihan JIPPRO | Panel | 06.05.2025-07.05.2025 | Bahagian Matrikulasi |
| 2 | Bengkel Training of Trainers | Participant | 18.04.2025 | Bahagian Matrikulasi |
| 3 | Bengkel Peningkatan Profesionalisme | Presenter | 24.07.2024 | IPGK Batu Lintang |
| 4 | Bengkel Pemeriksaan Skrip Jawaban | Examiner | 10.01.2024-19.01.2024 | Bahagian Matrikulasi |
| 5 | Kolokium Praktis STEM | Presenter | 05.07.2023 | Bahagian Matrikulasi |
| 6 | Bengkel Pemeriksaan Skrip Fizik | Examiner | 26.05.2023-07.06.2023 | Bahagian Matrikulasi |
| 7 | Bengkel Pemurnian Bahan Amali | Module Reviewer | 17.12.2022-28.12.2022 | Bahagian Matrikulasi |
| 8 | Bengkel Pemeriksaan Borang Jawaban | Examiner | 04.01.2022-14.01.2022 | Bahagian Matrikulasi |

**c. State Level (Peringkat Negeri)**

| **No.** | **Program** | **Role** | **Date** | **Organizer** |
| --- | --- | --- | --- | --- |
| 1 | PROGRAM MATH & SCIENCE | Teacher | 25.10.2024 | Sekolah Seni Malaysia Sarawak |
| 2 | MATRIX EXCELLENCE PROGRAMME | Coach | 01.01.2024-31.12.2024 | Kolej Matrikulasi Sarawak |
| 3 | MATRIX EXCELLENCE PROGRAMME | Coach | 01.01.2023-31.12.2023 | Kolej Matrikulasi Sarawak |

**d. District Level (Peringkat Zon/Daerah)**

| **No.** | **Program** | **Role** | **Date** | **Organizer** |
| --- | --- | --- | --- | --- |
| 1 | PROGRAM SINERGI INKUBATOR STEM | Teacher | 11.10.2024-13.10.2024 | SM Teknik Sejingkat |

**e. Institutional Level (Peringkat Institusi)**

| **No.** | **Program** | **Role** | **Date** | **Organizer** |
| --- | --- | --- | --- | --- |
| 1 | Bengkel Pemeriksaan Tugasan Fizik | Examiner | 04.11.2024-08.11.2024 | Unit Fizik KMSW |
| 2 | PROGRAM SMARTPHYSICS | Presenter | 05.10.2024 | Kolej Matrikulasi Sarawak |
| 3 | PROGRAM 'HOW TO READ A BOOK' | Presenter | 31.08.2024 | Kolej Matrikulasi Sarawak |
| 4 | Bengkel Pembinaan Buku Tutorial | Question Reviewer | 28.06.2024 | Kolej Matrikulasi Sarawak |
| 5 | Bengkel Pembinaan Buku Tutorial | Question Reviewer | 27.06.2024 | Unit Fizik KMSW |

**2. Attended Programs (Program yang Dihadiri)**

| **No.** | **Program** | **Level** | **Date** | **Organizer** |
| --- | --- | --- | --- | --- |
| 1 | Bengkel Latihan Adobe InDesign | Institutional | 06.09.2024 | Kolej Matrikulasi Sarawak |
| 2 | PROGRAM BOOK SHARING | Institutional | 30.08.2024 | Kolej Matrikulasi Sarawak |
| 3 | BENGKEL SMARTPHYSICS | Institutional | 05.08.2024 | Kolej Matrikulasi Sarawak |
| 4 | Bengkel Profesionalisme Pensyarah | National | 24.07.2024 | IPGK Batu Lintang |
| 5 | PROGRAM CELIK DIGITAL | National | 01.09.2023 | Institut Tadbiran Awam Negara |
| 6 | Bengkel Penulisan Kajian Tindakan | Institutional | 06.07.2023 | Kolej Matrikulasi Sarawak |
| 7 | Bengkel Perancangan Ilmu Sains | Institutional | 30.05.2023 | Kolej Matrikulasi Sarawak |
| 8 | Taklimat Pengawasan Peperiksaan | National | 03.05.2023 | Bahagian Matrikulasi |
| 9 | PROGRAM AKADEMI YOUTUBE | National | 06.04.2023 | IPG Kampus Darulaman |
| 10 | FLIPPED CLASSROOMS | National | 24.03.2023 | IMPROVE MOE |
| 11 | Wacana Ilmu Pemurnian Soalan | Institutional | 23.03.2023 | Kolej Matrikulasi Sarawak |
| 12 | Bengkel Modul STEM | Institutional | 21.03.2023 | Kolej Matrikulasi Sarawak |
| 13 | Bengkel Looker Studio | Institutional | 24.02.2023 | Kolej Matrikulasi Sarawak |
| 14 | KOLOKIUM PENDIDIKAN | State | 27.10.2022-28.10.2022 | Kolej Matrikulasi Sarawak |
| 15 | Bengkel Pemurnian Bahan Amali | National | 17.01.2022-28.01.2022 | Bahagian Matrikulasi |

**3. Research and Papers (Kajian dan Kertas Kerja)**

| **No.** | **Title** | **Publisher** | **Level** | **Year** |
| --- | --- | --- | --- | --- |
| 1 | GLASSBOARD Pendekatan Baharu | Bahagian Matrikulasi | National | 2023 |
| 2 | Kertas Kerja SmartPhysics | Kolej Matrikulasi Sarawak | Institutional | 2023 |
| 3 | IMPACT OF PHET SIMULATIONS | Unit Fizik | Department | 2022 |
| 4 | IMPACT OF PEER TEACHING | Unit Fizik | Department | 2023 |
| 5 | PSPM2 Physics Results Report | Unit Fizik | Department | 2024 |
| 6 | PSPM1 Physics Results Report | Unit Fizik | Department | 2023 |
| 7 | PHYSICS PRIDE Proposal | Unit Fizik KMSW | Department | 2024 |
| 8 | NOISE-INDUCED COGNITIVE INTERFERENCE | Unit Fizik KMSW | Department | 2024 |

**4. Professional Awards (Anugerah Profesional)**

| **No.** | **Award** | **Level** | **Year** |
| --- | --- | --- | --- |
| 1 | Pencapaian MIN Tertinggi BMKPM | National | 2024 |
| 2 | Pencapaian IPPA Tertinggi | State | 2024 |
| 3 | Pencapaian MIN Tertinggi Kolej | State | 2024 |
| 4 | E-Penilaian Tertinggi | State | 2024 |
| 5 | Pensyarah Terbaik | State | 2023 |

**5. Educational Innovations (Inovasi Pendidikan)**

| **No.** | **Innovation** | **Presented** | **Achievement** |
| --- | --- | --- | --- |
| 1 | LESSON CRAFTER | Yes | National |
| 2 | MERIT MATRIX MATCH | Yes | State |
| 3 | PHYSICS II ANALYZER | Yes | Department |
| 4 | SP025 TEST SCHEDULER | Yes | Department |
| 5 | E-PHYLAB | Yes | Department |