

PNG INVESTMENT WEEK



Future Horizons in PNG Mining and Geology

- ▶ ***PNGUoT Supporting the Resources and Energy programs through Human Resource Development 2025 - 2029***

***Professor Ora Renagi OL
Vice Chancellor***

Papua New Guinea University of Technology (PNGUoT)



- ▶ **Located in Lae City, Morobe Province.**
- ▶ **3500 students.**
- ▶ **STEM based University.**
- ▶ **5 faculties.**
- ▶ **13 Schools.**
- ▶ **Post graduate school of 200 students comprising masters (170) and phd (30) PhD student.**

Strategic Plan 2020 - 2024

Vision and Mission Statements



Vision:

Grow world-class technocrats by 2024 and beyond.

Mission:

To grow world-class technocrats through high quality experiential teaching, research and ardent application of science, technology and innovation for the real world.

Our Values



- **High Ethical Standards – Honesty, Accountability & Respect**
- **Professionalism – Responsibility to achieve strategic objectives, good stewardship of assets**
- **Diversity and Inclusivity – Equality of citizens in all areas of life**
- **Innovation and Initiative – leveraging technology to enhance livelihoods**
- **Pride and Passion – Unitech is passionate about our products**



Graduate Attributes

- **A lifelong learner**
- **A critical thinker**
- **Effective Communicator**
- **Cultural Modernist**
- **Morally upright**
- **Technologically savvy**

Some Achievements under Academic Excellence



- **Engineering courses will be recommended for conditional full accreditation in Dec 2024.**
- **All other professional courses are to be accredited or benchmarked to industry or international standards.**
- **200 postgraduate students (30 PhDs).**
- **Staff are publishing over 90 papers annually in indexed journals.**
- **Launched the inaugural Interdisciplinary Journal of PNGUoT in Oct 2024.**



Some achievements under Finance Stewardship

- ▶ **5 years of unqualified financial audits.**
- ▶ **Strong financial position to support growth.**
- ▶ **PNGUoT spent K8.63m for upgrading facilities and equipment.**
- ▶ **KPHL K4.30m, Others OTML. ExxonMobil K0.64m.**
- ▶ **Recruited heavily for academic positions, particularly professorial positions to deliver the accredited programs.**
- ▶ **Strengthen international partnerships for collaborative research**



PNGUoT STRATEGIC PLAN 2025 – 2029:

▶ ***Vision:***

A world-class University positively impacting society.

▶ **Mission:**

To produce world-class graduates through excellence in teaching, cutting edge research, and the innovative application of science and technology.



Pillars for the 2025-2029 Strategic Plan

- 1. Academic Excellence***
- 2. Research, Development & Innovation***
- 3. Operational Excellence***
- 4. Financial Stewardship***

Academic Excellence



- ▶ **Accreditation standards must be sustained.**
- ▶ **Increasing international student intake.**
- ▶ **Market PNGUoT intellectual property in the Asian market.**
- ▶ **Diversifying courses to meet industry, government and community demand;**
 - ▶ **Petroleum Engineering, Software & Computer Engineering.**
 - ▶ **Aviation and Aeronautics - Data Analytics**
 - ▶ **Agricultural engineering & Agribusiness courses**



Professional Work Experience

- ▶ *It is an accreditation requirement that students are exposed to industry and develop a sense of responsibility with industry support.*
- ▶ *Staff advise that students focus well on studies after a session of PWE in industry.*
- ▶ *Industry has direct influence on learning to ensure that training is suitable for industry requirements.*
- ▶ *PNGUoT maintains a strong link with Industry*



Research and Innovation

- ▶ **PNGUoT is the knowledge hub of science and technology.**
- ▶ **Professors are the authorities of knowledge in technology and science.**
- ▶ **Professors must align their research in consultation with industry, government and communities to be problem and solution based.**
- ▶ **Professors must be consulted for challenges arising within industry government and communities for solutions.**
- ▶ **Industry is invited to partner with PNGUoT for research collaboration and project funding,**



Financial Stewardship

- ▶ **Monetize our huge land resource**
- ▶ **Master Plan – Uni-City Development**
- ▶ **Diversify business opportunities - Unitech Enterprises Limited.**
- ▶ **We're working on a positive balance sheet**
- ▶ **Valued all assets including land and buildings**
- ▶ **Seeking advice on resolving our tax liabilities.**



Technology Transfer Centers (TTC)

- ▶ **OTML has supported with building the Technology Transfer Center.**
- ▶ **Kumul Mineral Holdings Limited funded bore water driller for ATCDI delivering water projects for districts.**
- ▶ **Trukai Smart Farmer with SPISARD.**
- ▶ **SPISARD support agriculture programs around the country.**
- ▶ **TTC will used for manufacturing of products.**



Thank You.

- 1. PNG CORE**
- 2. K92 Mines**
- 3. Kumul Petroleum HL**
- 4. Kumul Minerals HL**
- 5. OTML, Exxonmobil, Total Energies, Santos**
- 6. PNG SOEs**