

## Person applying for Fellowship

Full name:

Current job title and employer:

## Your details

Full name:

Phone (daytime):

Mobile:

Email:

Current job title and employer:

Current IPENZ membership class:

IPENZ membership number:

Year you became a Fellow/Distinguished Fellow (if relevant):

## Relationship to the applicant

How long have you known the applicant?

In what capacity do you know the applicant?

## Character statement

In 300 words or less, please describe how the applicant's standing within the engineering profession is at the level deserving of an award of Fellowship:





Criteria number: \_\_\_\_\_ Do you agree with what the applicant has written?

If you have answered NO, please provide reasons why:

## Privacy of personal information

All personal information collected in this form is regarded as confidential and will only be shared with the Fellowship Panel, the IPENZ Board and the Panel's secretariat.

## Declaration

I have read and understand the privacy statement.

I confirm that the information given in this form to sponsor the application for this Fellow is complete and correct to the best of my knowledge.

Printed name: \_\_\_\_\_

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

## Application criteria for Fellows

Fellowship is IPENZ’s highest membership class. It carries substantial prestige and is reserved for the engineering profession’s highest achievers. Fellowships are awarded to members (Fellows and Distinguished Fellows) and others (Honorary Fellows) who:

- demonstrate the highest standards of professional and ethical behaviour, and
- meet the high levels of contribution expected of a Fellow to industry, the engineering profession and to the wider community.

Applicants for Fellowship demonstrate the above by providing evidence for between two and four of the criteria set out in Table 1 that reflect their greatest strengths. The criteria are in no particular order or ranking.

The criteria are aligned with the following key attributes of a Fellow of IPENZ: leadership; technical expertise; research; innovation; commercial expertise; education; influence; and service (including community impact).

The criteria are used to evaluate applications by a panel of assessors.

**Table 1: Assessment criteria and evidence applicants are expected to provide**

<b>1: Organisational management</b>		
<b>Descriptor</b>	<b>Criteria</b>	<b>Evidence</b>
Relevant to: <ul style="list-style-type: none"> <li>• academic</li> <li>• consultant</li> <li>• contractor</li> <li>• commercial business</li> <li>• government/councils</li> <li>• research institutes</li> <li>• military.</li> </ul>	Have demonstrated organisational responsibility for the performance of a portfolio of engineering projects, programmes, or activities (including process management, use of systems and processes for benchmarking and continuous quality improvement, and/or financial performance).	<ul style="list-style-type: none"> <li>• Level and position within organisation (including an organisation chart).</li> <li>• Number, type and professional status of staff reporting.</li> <li>• Responsibility - including budget (influence and size) and number and type of staff reporting (direct and indirect).</li> <li>• Size and scale of engineering projects or objectives delivered (physical value/fees).</li> </ul>
<b>2: Governance</b>		
<b>Descriptor</b>	<b>Criteria</b>	<b>Evidence</b>
Relevant to: <ul style="list-style-type: none"> <li>• academic</li> <li>• consultant</li> <li>• contractor</li> <li>• commercial business</li> <li>• government/councils</li> <li>• research institutes</li> <li>• military.</li> </ul>	Have demonstrated responsibility for the creation and implementation of corporate vision and objectives, and the development of management organisational structure in the field of engineering.	<ul style="list-style-type: none"> <li>• Role and sphere of influence within the organisation.</li> <li>• People leadership.</li> <li>• Customer and supplier management.</li> <li>• Responsibilities .</li> <li>• Delivery and outcomes achieved.</li> </ul>

### 3: Business management

Descriptor	Criteria	Evidence
Relevant to: <ul style="list-style-type: none"> <li>• consultant</li> <li>• contractor</li> <li>• commercial business (including small companies).</li> </ul>	Have demonstrated commercial responsibility for pricing, bidding and managing the profitability of work either for major projects or a significant portfolio of smaller works, in the field of engineering.	<ul style="list-style-type: none"> <li>• Size and scale of project/s.</li> <li>• Role and responsibility within the business.</li> <li>• Turnover/profit.</li> <li>• Services and products.</li> <li>• Markets and clients.</li> <li>• Funding sources.</li> </ul>

### 4. Technical expertise

Descriptor	Criteria	Evidence
Relevant to: <ul style="list-style-type: none"> <li>• academic</li> <li>• consultant</li> <li>• contractor</li> <li>• research institutes.</li> </ul>	Have demonstrated specialist engineering expertise in a technical subject area and achieved recognition at a national or international level.	<ul style="list-style-type: none"> <li>• Publications as a principal author and citations/use by others.</li> <li>• Invited speaker/Chair of a session for international conferences.</li> <li>• Chairmanship/membership of organising committees for (international) conferences.</li> <li>• Editorship/associate editorship of (international) journals.</li> <li>• Expert evidence.</li> <li>• Advisor to clients/government.</li> <li>• Contributions to the national and/or international standards.</li> <li>• Awards/Fellowships.</li> <li>• Other public outputs.</li> </ul>

### 5. Innovation

Descriptor	Criteria	Evidence
Relevant to: <ul style="list-style-type: none"> <li>• academic</li> <li>• consultant</li> <li>• contractor</li> <li>• research institutes.</li> </ul>	Have played a leading role in the conception and development of new systems, techniques, or products that have advanced the theory or practise of engineering.	<ul style="list-style-type: none"> <li>• Outputs and significance of new system/technique/product.</li> <li>• Patents.</li> <li>• Prizes/awards.</li> <li>• Publications and citations/use by others.</li> </ul>

### 6. Design and construction

Descriptor	Criteria	Evidence
Relevant to: <ul style="list-style-type: none"> <li>• consultant</li> <li>• contractor.</li> </ul>	Have made a major contribution to the design or construction of technically complex and innovative engineering works.	<ul style="list-style-type: none"> <li>• Scale, size and significance to public.</li> <li>• Complexity and innovation involved.</li> <li>• Successful solutions.</li> <li>• Publications and citations/use by others.</li> <li>• Peer recognition - National and International Awards received.</li> </ul>

## 7. Research

Descriptor	Criteria	Evidence
Relevant to: <ul style="list-style-type: none"> <li>academic</li> <li>research institutes.</li> </ul>	Have undertaken fundamental or applied research that has advanced the body of engineering knowledge.	<ul style="list-style-type: none"> <li>Patents.</li> <li>Publications as a principal author/citations/use by others.</li> <li>Chairmanship/membership of organising committees for (international) conferences.</li> <li>Editorship/associate editorship of (international) journals.</li> <li>Invited speaker/Chair of a session for an international conference</li> <li>Contributions to the national and/or international standards.</li> <li>Technical awards.</li> <li>Other public outputs.</li> </ul>

## 8. Engineering education

Descriptor	Criteria	Evidence
Relevant to: <ul style="list-style-type: none"> <li>academic</li> <li>research institutes.</li> </ul>	Have achieved national or international recognition for the development or delivery of engineering education and training.	<ul style="list-style-type: none"> <li>New courses/teaching methods or techniques developed.</li> <li>Teaching Fellowship/Awards.</li> <li>Teaching evaluations.</li> </ul>

## 9. Leadership

Descriptor	Criteria	Evidence
Relevant to: <ul style="list-style-type: none"> <li>academic</li> <li>consultant</li> <li>contractor</li> <li>commercial business</li> <li>government/councils</li> <li>research institutes</li> <li>military.</li> </ul>	Have demonstrated exceptional leadership skills in being able to select, motivate and inspire people in their organisation to maximise engineering performance, and through excellent communication skills have achieved recognition from business associates, clients, the media and the public.	<ul style="list-style-type: none"> <li>Mentoring and role modelling.</li> <li>Inspirational leader within and outside the organisation - a voice of the profession.</li> <li>Participation in debates of national interest.</li> <li>Peer recognition including awards.</li> </ul>

## 10. Service

Descriptor	Criteria	Evidence
Relevant to: <ul style="list-style-type: none"> <li>academic</li> <li>consultant</li> <li>contractor</li> <li>commercial business</li> <li>government/councils</li> <li>research institutes</li> <li>military.</li> </ul>	Have made a major contribution to the promotion, management or administration of the engineering profession either through IPENZ, technical societies, voluntary bodies, or through community engagement and service.	<ul style="list-style-type: none"> <li>Role, responsibility and time scale of engagement.</li> <li>Output achieved.</li> <li>Significance and contribution.</li> <li>Engagement with community, including Māori and/or Pasifika.</li> </ul>