

Position Vacant Graduate engineer/scientist

An exciting opportunity has arisen for a graduate engineer/scientist. SDO is an emerging technology company that specializes in optical fibre sensing for the electricity transmission and distribution industry. An opportunity to work on a R&D project aimed at improving and enhancing SDO's optical fibre current sensor technology has arisen. SDO is looking to recruit a graduate mechanical/electronic or mechatronic engineer/scientist. The initial appointment is for 1 year with very strong prospects for advancing both skills and career prospects.

The applicant must be highly motivated by working in a technically challenging environment and be willing and interested in diversifying their skills. The project is multidisciplinary and significant opportunities to work at the cutting edge of high speed digital signal processing and/or mechanical design exist. It is anticipated that the successful applicant may possess skills in one or more of the following areas with a strong desire to diversify into other areas on the following list.

Opportunities exist to work in the following areas.

1. Mechanical design and packaging design using CAD. Packaging of optical fibres and components with a focus on environmental, vibration and manufacturing issues.
2. High speed digital signal processing design. Board architecture and layout design using Protel.
3. Programing opportunitites for Texas Instruments DSPs, FPGAs, C++ and labview.

There will be opportunities to gain knowledge and experience in photonics and optical fibre technology. It is also anticipated that the successful applicant will be involved in field trials and promotion and some travel is expected.

Other details/benefits-

1. Salary : \$45k PA + super. (Negotiable)
2. Flexible working environment
3. High level of interaction with the core technical staff of SDO.

Contact

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