



Anil.G M.Tech
Technical Expert

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Er. **G Anil** is one of the Managing Partners of TEC CET Consultants LLP, a consultancy organization in the Engineering field in general and Renewable Energy in particular.

Earlier he was Senior Consultant to Energy Management Centre (EMC) & was the former Joint Director & head of the Small Hydro Power Division of Energy Management Centre – Kerala, actively involved in the consultancy assignments related to small hydro power field. He was also a member of the Small Hydro Promotion Cell under Power Dept. Govt. of Kerala for promoting the opening up of Hydro Electric Schemes for implementation through private participation, formulating investor friendly guidelines for wind generation and is a consultant of the UNIDO Regional Centre for Small Hydro Power.

- He is a Mechanical Engineering graduate (College of Engineering, Trivandrum) with post graduate qualification in Industrial Engineering & Management (JNTU, Hyderabad). He has more than 38 years of industrial experience in the field of Rotating Machinery, Hydro Electric Power Projects & related Consultancy assignments.
- Was working as the Head of the Small Hydro Power Division of EMC. In addition, he was a member of the Small Hydro Power Cell under the Power Department, Govt. of Kerala and Project Engineer to UNIDO Regional Centre. Visited countries like Japan, Tanzania, Uganda, Nigeria and China on UNIDO Small Hydro Power assignments/ Energy Conservation assignments in addition to visiting other countries like USA, Switzerland, Germany, Sri Lanka, Nepal, Netherlands, Belgium, France etc. (1999 – 2020)

- Worked as Chief of Technical Cooperation among Developing Countries (TCDC) - Division at the International Centre for Small Hydro Power (UNIDO - INSHP) at Hangzhou, P R China during 2004.
- Had more than ten years of engineering & project management experience in various activities related to design, production & turnkey Hydro Electric Power Projects with Power Engineering Division of KOESSLER-SILK, India (1989-1998)
- Had industrial experience in the design & manufacture of rotating machinery & material-handling equipment like wire drawing, cable making at the Machinery Division of The Aluminium Industries Ltd (ALIND-MIYAZAKI), Hyderabad, India. (1981-1988).

Major SHP assignments including implementation

Feasibility studies and preparation of project reports of Small Hydro Power Projects & Project management & implementation of following turnkey small hydropower projects.

- 3 MW - Peppara SHEP (KSEB)
- 3 MW - Urgam SHEP (UPLJYN – now in Uttaranchal, Himalayas)
- 1.2 MW - Jumagad SHEP (UPLJYN – now in Uttaranchal, Himalayas)
- 1.95 MW - Thirumurthy SHEP (TNEB)
- 10.50 MW - Malankara SHEP (KSEB)

& Micro Hydro projects like:

- 10 kW - Sugandhagiri (ANERT)
- 10 kW - Pookkot (ANERT)
- 20 kW - Pugaloor (TNPL)
- 3 x 30 kW - Arunachal Pradesh (SPML)
- 2 x 50 kW - Arunachal Pradesh (SPML) &
- 110kW – Mankulam, Kerala
- 50kW – Kallar, Kerala
- More than 120 sets of pico hydro turbine implementations in Kerala
- Coordination with collaborator Koessler Ges.mbh. of Austria, other manufactures in India and PR China.
- 20kW (4x5kW) Kinetic turbines (zero head/velocity) at Thermal Power Station II at NLCI Ltd, Neyveli TN as a consultancy cum implementation assignment.

Other major consultancy assignments

- 21 MW Barapole SHP –TCC Ltd
- 4.5MW Arippara SHP for CIAL Infrastructures Ltd
- 2.5 MW Thoniyar SHP for CIAL Infrastructures Ltd
- 2MW Kokkamullu SHP for CIAL Infrastructures Ltd
- 2MW Thuval SHP for CIAL Infrastructures Ltd
- 2.5MW Urumbini SHP for CIAL Infrastructures Ltd

- 21 MW Kakkadampoil SHP for CIAL Infrastructures Ltd
- 16 MW Poru Low Head SHP for CIAL Infrastructures Ltd

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Trivandrum
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