

<b>Project Title</b>	<b>Purification of graphite of Sri Lanka as a high value addition</b>
<b>Description</b>	<p><u>NSF FUNDED PROJECT NO: FP/135</u></p> <p>The project was initiated in 2021/12/15 for 02 years</p> <p>Purification of graphite up to high level adds values to state own graphite. Multiple times foreign revenue can be gained than exportation of raw graphite. In 2017, ITI has successfully completed research project for purification of natural graphite up to 99.99 % using physical, chemical and thermal methods by using ITI treasury funds and NSF funds (RG/2014/EB/01).The research outputs of former project can be used to upgrade the method from laboratory scale to industrial scale and transfer the technology to industry. Therefore present work initiated as proposed by NSF (RG-GAPF-2021-EB-01) who funded the project for further development towards commercialization. The project focuses on continuation of physical and chemical purification of Sri Lankan vein graphite for mass scale industrial production.</p>
<b>Research Team</b>	<ol style="list-style-type: none"> <li>1. Dr.I R M Kottegoda (Principal Investigator)</li> <li>2. Dr.R C L De Silva</li> <li>3. Eng H C D P Colombage</li> <li>4. Mr A M K L Abeykoon</li> </ol>
<b>Duration</b>	3 years
<b>Funding agency</b>	NSF
<b>Budget</b>	Rs. 925,000