

## قومی ترانہ

پاک سرزمین شاد باد! کشورِ حسین شاد باد!  
تو نشانِ عزمِ عالی شان ارضِ پاکستان  
مرکزِ یقین شاد باد  
پاک سرزمین کا نظام قوتِ اخوتِ عوام  
قوم، ملک، سلطنت پائندہ تابندہ باد!  
شاد باد! منزلِ مراد  
پرچم ستارہ و ہلال رہبرِ ترقی و کمال  
ترجمانِ ماضی شانِ حال جانِ استقبال  
سایہٴ خدائے ذوالجلال



**NATIONAL BOOK FOUNDATION  
ISLAMABAD**

Islamabad, Rawalpindi, Wazirabad, Wah Cantt, Faisalabad, Multan,  
Peshawar, Abbottabad, Dera Ismail Khan, Karachi, Sukkur, Rohri, Hyderabad,  
Larkana, Jacobabad, Khairpur, Quetta



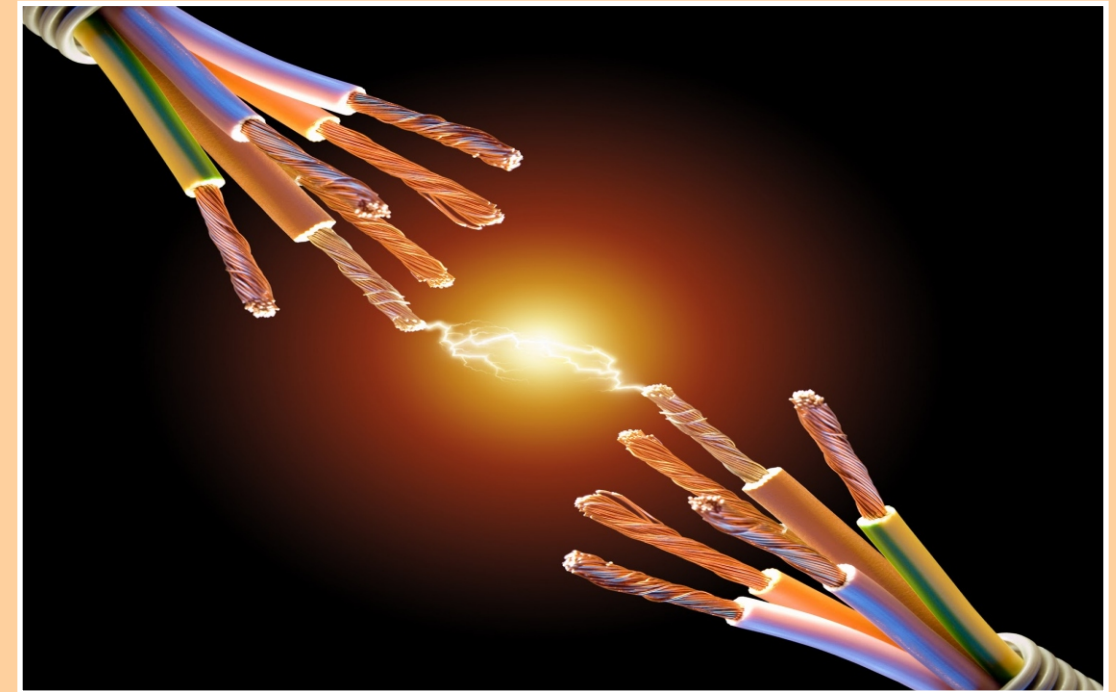
TEXTBOOK OF  
**WORKSHOP PRACTICE** ET-146



# TEXTBOOK OF **WORKSHOP PRACTICE**

**ET-146**

**Diploma of Associate Engineer  
According to New Course 2014**



**TECHNICAL EDUCATION & VOCATIONAL TRAINING AUTHORITY  
PUNJAB**

Textbook of  
**WORKSHOP PRACTICE**

**ET-146**

**Diploma of Associate Engineer  
According to New Course 2014**



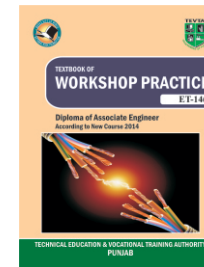
**TECHNICAL EDUCATION & VOCATIONAL TRAINING AUTHORITY  
PUNJAB**



**NATIONAL BOOK FOUNDATION  
ISLAMABAD**

© 2014 National Book Foundation, Islamabad. All rights reserved. This volume may not be reproduced in whole or in part in any form without prior written permission from the publisher.

**Textbook of  
Workshop Practice  
ET-146**



Cover designed by: Hafiz Rafiuddin, Shahzad Ahmed

First Edition:

Qty: 10000  
Code: STE-534  
Price: 170/-  
ISBN: 978-969-37-0719-9  
Printer: .....

For information about other National Book Foundation Publications, visit our  
Web site <http://www.nbf.org.pk> or call 92-51-9261125  
or Email us at: [books@nbf.org.pk](mailto:books@nbf.org.pk)