

# Contents

	Page
<b>INTRODUCTION</b>	1
<b>I. PHYSICAL SCIENCES</b>	2
<b>ATOMIC ENERGY CENTRE, DHAKA</b>	2
Accelerator Facilities Division	2
Chemistry Division	5
Electronics Division	21
Experimental Physics Division	28
Health Physics Division	31
Materials Science Division	45
Medical Physics Division	61
Non-Destructive Testing Division	64
Plasma Physics Division	70
<b>ATOMIC ENERGY RESEARCH ESTABLISHMENT, SAVAR</b>	71
<b>CENTRE FOR RESEARCH REACTOR</b>	71
<b>INSTITUTE OF NUCLEAR SCIENCE AND TECHNOLOGY</b>	74
Radioisotope Production Division	74
Nuclear and Radiation Chemistry Division	76
Health Physics and Radioactive Waste Management Unit	80
Reactor Physics and Engineering Division	83
Tandem Accelerator Facilities Division	85
Isotope Hydrology Division	85
Reactor and Neutron Physics Division	88
<b>INSTITUTE OF ELECTRONICS</b>	91
General Electronics Division	91
Nuclear Electronics Division	93
Production Division	94
Repair and Maintenance Division	95
Robotics Instrumentation & Control Division	95
VLSI Technology Division	96
Solar Cell Fabrication and Research Division	96

INSTITUTE OF COMPUTER SCIENCE	97
Computer Training and Services Division	97
Computer Software and Development Division	99
Computer System Division	101
INSTITUTE OF ENERGY SCIENCE	103
INSTITUTE OF RADIATION AND POLYMER TECHNOLOGY	103
INSTITUTE OF NUCLEAR MINERALS	106
BEACH SAND MINERALS EXPLOITATION CENTRE, COX'S BAZAR	108
ATOMIC ENERGY CENTRE, CHITTAGONG	109
RADIOACTIVITY TESTING & MONITORING LABORATORY, MONGLA, BAGERHAT	111
<b>II. BIO-SCIENCES</b>	112
<b>INSTITUTE OF FOOD AND RADIATION BIOLOGY, AERE, SAVAR</b>	112
Agrochemical and Environmental Research Division	112
Food Technology Division	113
Gamma Source Division	116
Insect Biotechnology Division	116
Microbiology and Industrial Irradiation Division	119
Radiation Entomology and Acarology Division	122
Veterinary Drug Residue Analysis Division	123
Plant Biotechnology and Genetic Engineering Division	124
<b>INSTITUTE OF TISSUE BANKING AND BIOMATERIAL RESEARCH, AERE, SAVAR</b>	126
<b>NUCLEAR MEDICINE</b>	130
National Institute of Nuclear Medicine & Allied Sciences, Shahbag	130
Institute of Nuclear Medicine & Allied Sciences, Dhaka	137
Institute of Nuclear Medicine & Allied Sciences, Mitford	138
Institute of Nuclear Medicine & Allied Sciences, Chittagong	139
Institute of Nuclear Medicine & Allied Sciences, Mymensingh	140
Institute of Nuclear Medicine & Allied Sciences, Sylhet	141
Institute of Nuclear Medicine & Allied Sciences, Rajshahi	142
Institute of Nuclear Medicine & Allied Sciences, Dinajpur	143
Institute of Nuclear Medicine & Allied Sciences, Rangpur	144
Institute of Nuclear Medicine & Allied Sciences, Khulna	145
Institute of Nuclear Medicine & Allied Sciences, Barishal	146
Institute of Nuclear Medicine & Allied Sciences, Faridpur	147

Institute of Nuclear Medicine & Allied Sciences, Bogra	148
Institute of Nuclear Medicine & Allied Sciences, Comilla	148
Institute of Nuclear Medicine & Allied Sciences, Cox's Bazar	149
<b>III. ENGINEERING AND GENERAL SERVICES</b>	150
ENGINEERING DIVISION, HQ, BAEC	150
ENGINEERING AND GENERAL SERVICES DIVISION, AECD	154
CENTRAL ENGINEERING FACILITIES, AERE, SAVAR	155
<b>IV. INTERNATIONAL AFFAIRS DIVISION, HQ, BAEC</b>	158
<b>V. NUCLEAR POWER AND ENERGY DIVISION, HQ, BAEC</b>	160
<b>VI. NUCLEAR SAFETY, SECURITY AND SAFEGUARDS DIVISION, HQ, BAEC</b>	161
<b>VII. PLANNING AND DEVELOPMENT DIVISION, HQ, BAEC</b>	163
<b>VIII. QUALITY MANAGEMENT DIVISION, HQ, BAEC</b>	165
<b>IX. HUMAN RESOURCES DIVISION, HQ, BAEC</b>	168
<b>X. SCIENTIFIC INFORMATION DIVISION, HQ, BAEC</b>	170
<b>XI. SCIENTIFIC INFORMATION UNIT, AERE, SAVAR</b>	172
<b>XII. TRAINING INSTITUTE, AERE, SAVAR</b>	173
<b>XIII. FINANCE AND ACCOUNTS DIVISION, HQ, BAEC</b>	174
<b>XIV. SUPERVISION OF THESIS</b>	176
<b>XV. NATIONAL/INTERNATIONAL PUBLICATIONS</b>	185
<b>XVI. PAPER PRESENTED IN SEMINAR/SYMPORIUM/CONFERENCE/ WORKSHOP</b>	204