

## Statement - E

### Expenditure on Research and Development in CPSEs

| S. No. | CPSEs                                               | R&D Expenditure (₹ in Crores) |         |         | R&D as % of Sales |         |         |
|--------|-----------------------------------------------------|-------------------------------|---------|---------|-------------------|---------|---------|
|        |                                                     | 2024-25                       | 2023-24 | 2022-23 | 2024-25           | 2023-24 | 2022-23 |
| 1      | Advanced Weapons and Equipment India Limited        | 37.73                         | 35.25   | 14.93   | 1.49              | 1.73    | 0.77    |
| 2      | Armoured Vehicles Nigam Limited                     | 66.33                         | 13.09   | 6.83    | 1.33              | 0.28    | 0.14    |
| 3      | Artificial Limbs Manufacturing Corporation of India | 3.76                          | 3.02    | 1.76    | 0.53              | 0.5     | 0.38    |
| 4      | Balmer Lawrie & Co. Ltd.                            | 9.01                          | 8.36    | 7.84    | 0.36              | 0.36    | 0.34    |
| 5      | BEL Optronics Devices Ltd.                          | 1.51                          | 1.03    | 0.22    | 0.77              | 0.74    | 0.28    |
| 6      | BEML Ltd.                                           | 100.69                        | 86.71   | 74.54   | 2.5               | 2.14    | 1.91    |
| 7      | Bengal Chemicals & Pharmaceuticals Ltd.             | 0                             | 0.08    | 0.25    | 0                 | 0.07    | 0.25    |
| 8      | Bharat Dynamics Ltd.                                | 222.92                        | 90.79   | 152.03  | 6.66              | 3.83    | 6.11    |
| 9      | Bharat Electronics Ltd.                             | 1472.4                        | 0       | 0       | 6.22              | 0       | 0       |
| 10     | Bharat Heavy Electricals Ltd.                       | 662                           | 697.6   | 690.85  | 2.34              | 2.92    | 2.96    |
| 11     | Bharat Petroleum Corporation Ltd.                   | 220.99                        | 189.97  | 168.6   | 0.05              | 0.04    | 0.04    |
| 12     | Braithwaite & Co. Ltd.                              | 1.64                          | 1.15    | 3.29    | 0.13              | 0.1     | 0.32    |
| 13     | Bridge & Roof Co.(India) Ltd.                       | 4.9                           | 3.04    | 3.97    | 0.11              | 0.08    | 0.12    |
| 14     | Central Electronics Ltd.                            | 0.24                          | 0.65    | 0       | 0.06              | 0.19    | 0       |
| 15     | Central Warehousing Corporation                     | 20.18                         | 13.38   | 21.52   | 0.76              | 0.62    | 1.09    |
| 16     | Coal India Ltd.                                     | 218.17                        | 0       | 127.72  | 13.69             | 0       | 6.55    |
| 17     | Cochin Shipyard Ltd.                                | 22.73                         | 20.77   | 8.64    | 0.5               | 0.57    | 0.37    |
| 18     | Container Corporation of India Ltd.                 | 76.73                         | 71.43   | 67.95   | 0.87              | 0.83    | 0.84    |
| 19     | Electronics Corporation of India Ltd.               | 38.19                         | 15.44   | 14.64   | 1.64              | 0.5     | 0.61    |
| 20     | Engineers India Ltd.                                | 26.79                         | 29.12   | 30.1    | 0.88              | 0.9     | 0.92    |
| 21     | FCI Aravali Gypsum & Minerals (India) Ltd.          | 0                             | 0       | 0.64    | 0                 | 0       | 1.14    |

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|--------|----------------------------------------------|-------------------------------|---------|---------|-------------------|---------|---------|
|        |                                              | 2024-25                       | 2023-24 | 2022-23 | 2024-25           | 2023-24 | 2022-23 |
| 22     | Fertilizers & Chemicals (Travancore) Ltd.    | 0.57                          | 0.58    | 0.36    | 0.01              | 0.01    | 0.01    |
| 23     | GAIL (India) Ltd.                            | 375.52                        | 250.2   | 180.71  | 0.27              | 0.19    | 0.13    |
| 24     | Garden Reach Shipbuilders & Engineers Ltd.   | 29.39                         | 23.95   | 13.65   | 0.58              | 0.67    | 0.53    |
| 25     | Gliders India Limited                        | 5.85                          | 2.7     | 0       | 3.11              | 1.53    | 0       |
| 26     | Goa Shipyard Ltd.                            | 18.52                         | 15.47   | 10      | 0.65              | 0.88    | 1.15    |
| 27     | Grid Controller of India Ltd.                | 2.59                          | 2.22    | 0.68    | 0.58              | 0.52    | 0.18    |
| 28     | HIL (India) Ltd.                             | 0                             | 0       | 0.18    | 0                 | 0       | 0.09    |
| 29     | Hindustan Aeronautics Ltd.                   | 2482.3                        | 2826.2  | 2494.33 | 8.01              | 9.3     | 9.26    |
| 30     | Hindustan Antibiotics Ltd.                   | 0.53                          | 0.73    | 0       | 0.22              | 0.42    | 0       |
| 31     | Hindustan Copper Ltd.                        | 14.61                         | 8.04    | 6.03    | 0.71              | 0.47    | 0.36    |
| 32     | Hindustan Petroleum Corporation Ltd.         | 390.52                        | 352.48  | 319.22  | 0.09              | 0.08    | 0.07    |
| 33     | Hindustan Shipyard Ltd.                      | 0.24                          | 0.48    | 0       | 0.02              | 0.03    | 0       |
| 34     | Hindustan Steelworks Consturction Ltd.       | 0.78                          | 0.61    | 0       | 0.08              | 0.08    | 0       |
| 35     | HLL Lifecare Ltd.                            | 5.38                          | 5.37    | 0       | 0.12              | 0.14    | 0       |
| 36     | HMT Machine Tools Ltd.                       | 0.19                          | 0.19    | 1.49    | 0.17              | 0.19    | 1.05    |
| 37     | HSCC (India) Ltd.                            | 2.08                          | 1.11    | 0       | 0.1               | 0.08    | 0       |
| 38     | India Optel Limited                          | 28.66                         | 19.07   | 4.82    | 1.86              | 1.38    | 0.45    |
| 39     | Indian Oil Corporation Ltd.                  | 812.41                        | 946.14  | 698.21  | 0.11              | 0.12    | 0.08    |
| 40     | IREL (India) Ltd.                            | 36.32                         | 37.41   | 32.19   | 1.97              | 1.78    | 1.7     |
| 41     | ITI Ltd.                                     | 12.83                         | 20.44   | 17.46   | 0.35              | 1.62    | 1.25    |
| 42     | Karnataka Antibiotics & Pharmaceuticals Ltd. | 0                             | 0.63    | 0       | 0                 | 0.14    | 0       |
| 43     | KIOCL Ltd.                                   | 0                             | 0.35    | 0.76    | 0                 | 0.02    | 0.05    |
| 44     | Mahanadi Coalfields Ltd.                     | 0                             | 0.05    | 0       | 0                 | 0       | 0       |

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|           |                                               | 2024-25                       | 2023-24 | 2022-23 | 2024-25           | 2023-24 | 2022-23 |
| 45        | Mangalore Refinery & Petrochemicals Ltd.      | 40.18                         | 5.11    | 0.59    | 0.04              | 0.01    | 0       |
| 46        | Mazagon Dock Shipbuilders Ltd.                | 117.54                        | 97.08   | 96.52   | 1.03              | 1.03    | 1.23    |
| 47        | MECON Ltd.                                    | 1.65                          | 1.93    | 0.93    | 0.14              | 0.19    | 0.1     |
| 48        | Mineral Exploration And Consultancy Ltd.      | 0                             | 0.02    | 0       | 0                 | 0.01    | 0       |
| 49        | Mishra Dhatu Nigam Ltd.                       | 24.18                         | 18.36   | 20.27   | 2.25              | 1.71    | 2.32    |
| 50        | MOIL Ltd.                                     | 24.91                         | 27.26   | 11.46   | 1.57              | 1.88    | 0.85    |
| 51        | Munitions India Ltd.                          | 60.28                         | 73      | 0       | 0.73              | 1.01    | 0       |
| 52        | National Aluminium Company Ltd.               | 43.23                         | 106.36  | 161.59  | 0.26              | 0.81    | 1.13    |
| 53        | National Small Industries Corporation Ltd.    | 4.57                          | 3.22    | 3.48    | 0.13              | 0.1     | 0.13    |
| 54        | NBCC (India) Ltd.                             | 14.95                         | 9.62    | 1.09    | 0.17              | 0.12    | 0.02    |
| 55        | NBCC Services Ltd.                            | 0.65                          | 0.6     | 0       | 0.22              | 0.22    | 0       |
| 56        | NHPC Ltd.                                     | 22.64                         | 11.55   | 11.3    | 0.25              | 0.14    | 0.12    |
| 57        | NLC India Ltd.                                | 42.2                          | 43.37   | 26.98   | 0.41              | 0.41    | 0.21    |
| 58        | NMDC Ltd.                                     | 30.74                         | 24.49   | 164.21  | 0.13              | 0.12    | 0.93    |
| 59        | North Eastern Electric Power Corporation Ltd. | 0.19                          | 0.03    | 0.6     | 0                 | 0       | 0.01    |
| 60        | Northern Coalfields Ltd.                      | 2.69                          | 8.58    | 3.9     | 0.01              | 0.03    | 0.02    |
| 61        | NTPC Ltd.                                     | 484.44                        | 300.01  | 280.15  | 0.28              | 0.19    | 0.17    |
| 62        | Nuclear Power Corporation of India Ltd.       | 20                            | 20.57   | 27.84   | 0.1               | 0.11    | 0.19    |
| 63        | Numaligarh Refinery Ltd.                      | 27.69                         | 3.08    | 1.29    | 0.12              | 0.01    | 0       |
| 64        | Oil & Natural Gas Corporation Ltd.            | 611.94                        | 617.16  | 542.43  | 0.46              | 0.45    | 0.35    |
| 65        | Oil India Ltd.                                | 0                             | 0       | 185.34  | 0                 | 0       | 0.87    |
| 66        | ONGC Videsh Ltd.                              | 14.83                         | 10.42   | 0       | 0.28              | 0.19    | 0       |

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|---------|--------------------------------------------|-------------------|---------|---------|---------|---------|---------|
|         |                                            | 2024-25           | 2023-24 | 2022-23 | 2024-25 | 2023-24 | 2022-23 |
| 67      | Powergrid Corporation of India Ltd.        | 311.85            | 218.07  | 28.61   | 0.75    | 0.51    | 0.07    |
| 68      | Railtel Corporation India Ltd.             | 9.42              | 0       | 0       | 0.27    | 0       | 0       |
| 69      | Rajasthan Electronics and Instruments Ltd. | 2.28              | 3.36    | 4.17    | 1.45    | 1.81    | 3.47    |
| 70      | Rashtriya Chemicals and Fertilizers Ltd.   | 36.58             | 43.14   | 48.38   | 0.22    | 0.25    | 0.23    |
| 71      | Rashtriya Ispat Nigam Ltd.                 | 5.78              | 13.85   | 16.13   | 0.03    | 0.06    | 0.07    |
| 72      | ITES Ltd.                                  | 0.99              | 0       | 0       | 0.05    | 0       | 0       |
| 73      | Sambhar Salts Ltd.                         | 0.11              | 0       | 0       | 0.24    | 0       | 0       |
| 74      | SJVN Ltd.                                  | 2.58              | 1.54    | 0       | 0.09    | 0.06    | 0       |
| 75      | Solar Energy Corporation of India          | 22.54             | 0       | 0       | 0.15    | 0       | 0       |
| 76      | Steel Authority of India Ltd.              | 239.53            | 239.47  | 397.6   | 0.23    | 0.23    | 0.38    |
| 77      | THDC India Ltd.                            | 16.23             | 5.97    | 2.7     | 0.6     | 0.3     | 0.14    |
| 78      | Uranium Corporation of India Ltd.          | 12.68             | 12.35   | 11.72   | 0.58    | 0.53    | 0.53    |
| 79      | Yantra India Limited                       | 15.03             | 0       | 7.36    | 0.48    | 0       | 0.31    |
| TOTAL : |                                            | 9691.4            | 7714.9  | 7233.05 |         |         |         |