

**विज्ञान और प्रौद्योगिकी विभाग  
वित्तीय आवश्यकताओं का सारांश**

| क्र. सं. | विकास परियोजनाओं/कार्यक्रमों/योजनाओं का शीर्ष  | वास्तविक 2002-2003     |              |               | बजट अनुमान 2003-2004 |              |               | संशोधित अनुमान 2003-2004 |              |               | बजट अनुमान 2004-2005 |              |               |
|----------|--|------------------------|--------------|---------------|----------------------|--------------|---------------|--------------------------|--------------|---------------|----------------------|--------------|---------------|
|          |  | योजना                  | गैर-योजना    | कुल           | योजना                | गैर-योजना    | कुल           | योजना                    | गैर-योजना    | कुल           | योजना                | गैर-योजना    | कुल           |
| 1        | 2  | 3                      | 4            | 5             | 6                    | 7            | 8             | 9                        | 10           | 11            | 12                   | 13           | 14            |
|          | विज्ञान और प्रौद्योगिकी विभाग  | <i>(रु. करोड़ में)</i> |              |               |                      |              |               |                          |              |               |                      |              |               |
| 1        | सचिवालय आर्थिक सेवाएं  |                        |              |               |                      |              |               |                          |              |               |                      |              |               |
| 1.1      | सचिवालय, प्रदर्शनी एवं मेले, विदेशों में विज्ञान परामर्शी, अन्तरराष्ट्रीय योगदान, पीएओएस आदि | 0.00                   | 24.55        | 24.55         | 0.00                 | 27.22        | 27.22         | 0.00                     | 27.37        | 27.37         | 0.00                 | 27.87        | 27.87         |
|          | <b>कुल-सचिवालय आर्थिक सेवाएं</b>   | <b>0.00</b>            | <b>24.55</b> | <b>24.55</b>  | <b>0.00</b>          | <b>27.22</b> | <b>27.22</b>  | <b>0.00</b>              | <b>27.37</b> | <b>27.37</b>  | <b>0.00</b>          | <b>27.87</b> | <b>27.87</b>  |
| 2.0      | अनुसंधान एवं विकास सहयोग   |                        |              |               |                      |              |               |                          |              |               |                      |              |               |
| 2.1.1    | विज्ञान एवं इंजीनियरी (एस ई आर सी) में बहु-विषयात्मक अनुसंधान                                |                        |              |               |                      |              |               |                          |              |               |                      |              |               |
| 2.1.2    | अनुसंधान और विकास सहयोग  | 208.78                 | 3.02         | 211.80        | 215.00               | 3.15         | 218.15        | 201.19                   | 3.00         | 204.19        | 241.00               | 3.00         | 244.00        |
|          | <b>कुल-अनुसंधान एवं विकास सहयोग</b>  | <b>208.78</b>          | <b>3.02</b>  | <b>211.80</b> | <b>215.00</b>        | <b>3.15</b>  | <b>218.15</b> | <b>201.19</b>            | <b>3.00</b>  | <b>204.19</b> | <b>241.00</b>        | <b>3.00</b>  | <b>244.00</b> |
| 3        | विशेष प्रौद्योगिकी विकास एवं समन्वयन   |                        |              |               |                      |              |               |                          |              |               |                      |              |               |
| 3.1      | प्रौद्योगिकी विकास कार्यक्रम   | 20.94                  | 0.00         | 20.94         | 23.00                | 0.00         | 23.00         | 23.00                    | 0.00         | 23.00         | 27.00                | 0.00         | 27.00         |
|          | <b>कुल-विशेष प्रौद्योगिकी विकास कार्यक्रम</b>  | <b>20.94</b>           | <b>0.00</b>  | <b>20.94</b>  | <b>23.00</b>         | <b>0.00</b>  | <b>23.00</b>  | <b>23.00</b>             | <b>0.00</b>  | <b>23.00</b>  | <b>27.00</b>         | <b>0.00</b>  | <b>27.00</b>  |
| 4        | मिशन मोड में प्रौद्योगिकी परियोजनाएं   |                        |              |               |                      |              |               |                          |              |               |                      |              |               |
| 4.1      | बांस उत्पादों के लिए प्रौद्योगिकी  | 5.00                   | 0.00         | 5.00          | 43.25                | 0.00         | 43.25         | 13.25                    | 0.00         | 13.25         | 23.00                | 0.00         | 23.00         |
| 4.2      | भूकंप विज्ञान  | 0.00                   | 0.00         | 0.00          | 10.00                | 0.00         | 10.00         | 5.00                     | 0.00         | 5.00          | 25.00                | 0.00         | 25.00         |
|          | <b>कुल-मिशन मोड में प्रौद्योगिकी परियोजनाएं</b>  | <b>5.00</b>            | <b>0.00</b>  | <b>5.00</b>   | <b>53.25</b>         | <b>0.00</b>  | <b>53.25</b>  | <b>18.25</b>             | <b>0.00</b>  | <b>18.25</b>  | <b>48.00</b>         | <b>0.00</b>  | <b>48.00</b>  |
| 5        | सामाजिक-आर्थिक विकास के लिए एस एंड टी कार्यक्रम  |                        |              |               |                      |              |               |                          |              |               |                      |              |               |
| 5.1      | विज्ञान और समाज कार्यक्रम  | 5.49                   | 0.00         | 5.49          | 5.50                 | 0.00         | 5.50          | 5.50                     | 0.00         | 5.50          | 6.00                 | 0.00         | 6.00          |
| 5.2      | अनुसूचित जातियों के विकास के लिए विशेष घटक योजना   | 0.88                   | 0.00         | 0.88          | 2.50                 | 0.00         | 2.50          | 2.50                     | 0.00         | 2.50          | 2.50                 | 0.00         | 2.50          |
| 5.3      | जनजातीय उप योजना   | 1.16                   | 0.00         | 1.16          | 2.50                 | 0.00         | 2.50          | 2.50                     | 0.00         | 2.50          | 2.50                 | 0.00         | 2.50          |

**विज्ञान और प्रौद्योगिकी विभाग  
वित्तीय आवश्यकताओं का सारांश**

| क्र. सं.   | विकास परियोजनाओं/कार्यक्रमों/योजनाओं का शीर्ष                                  | वास्तविक 2002-2003 |               |               | बजट अनुमान 2003-2004 |               |               | संशोधित अनुमान 2003-2004 |               |               | बजट अनुमान 2004-2005 |               |               |
|--|--|--------------------|---------------|---------------|----------------------|---------------|---------------|--------------------------|---------------|---------------|----------------------|---------------|---------------|
|  |  | योजना              | गैर-योजना     | कुल           | योजना                | गैर-योजना     | कुल           | योजना                    | गैर-योजना     | कुल           | योजना                | गैर-योजना     | कुल           |
| 1  | 2  | 3                  | 4             | 5             | 6                    | 7             | 8             | 9                        | 10            | 11            | 12                   | 13            | 14            |
| 5.4  | महिला घटक योजना  | 2.50               | 0.00          | 2.50          | 2.50                 | 0.00          | 2.50          | 2.50                     | 0.00          | 2.50          | 3.00                 | 0.00          | 3.00          |
| 5.5  | विज्ञान और प्रौद्योगिकी उद्यमवृत्ति विकास एवं                                  |                    |               |               |                      |               |               |                          |               |               |                      |               |               |
|  | रोजगार का सृजन   | 14.98              | 0.00          | 14.98         | 14.00                | 0.00          | 14.00         | 14.00                    | 0.00          | 14.00         | 16.00                | 0.00          | 16.00         |
| 5.6  | विज्ञान और प्रौद्योगिकी संचार एवं लोकप्रियकरण                                  | 3.98               | 0.00          | 3.98          | 4.00                 | 0.00          | 4.00          | 16.65                    | 0.00          | 16.65         | 25.00                | 0.00          | 25.00         |
| 5.7  | राज्य विज्ञान एवं प्रौद्योगिकी कार्यक्रम                                       | 8.00               | 0.00          | 8.00          | 10.00                | 0.00          | 10.00         | 10.00                    | 0.00          | 10.00         | 10.00                | 0.00          | 10.00         |
| <b>कुल-सामाजिक-आर्थिक विकास के लिए एस एंड टी कार्यक्रम</b> |  | <b>36.99</b>       | <b>0.00</b>   | <b>36.99</b>  | <b>41.00</b>         | <b>0.00</b>   | <b>41.00</b>  | <b>53.65</b>             | <b>0.00</b>   | <b>53.65</b>  | <b>65.00</b>         | <b>0.00</b>   | <b>65.00</b>  |
| 6.   | अन्तर्राष्ट्रीय सहयोग कार्यक्रम  |                    |               |               |                      |               |               |                          |               |               |                      |               |               |
| 6.1  | उन्नत अनुसंधान संवर्धन के लिए भारत फ्रांसीसी शोध केन्द्र<br>(आई एफ सी पी ए आर) | 6.00               | 0.00          | 6.00          | 6.00                 | 0.00          | 6.00          | 6.00                     | 0.00          | 6.00          | 6.00                 | 0.00          | 6.00          |
| 6.2  | भारत और यू एन डी पी के बीच सहयोग का विकास                                      | 6.82               | 0.00          | 6.82          | 3.74                 | 0.00          | 3.74          | 3.74                     | 0.00          | 3.74          | 0.50                 | 0.00          | 0.50          |
| 6.3  | भारत-यूएस विज्ञान एवं प्रौद्योगिकी फोरम  | 3.36               | 0.00          | 3.36          | 3.50                 | 0.00          | 3.50          | 3.50                     | 0.00          | 3.50          | 4.00                 | 0.00          | 4.00          |
| 6.4  | अन्य देशों के साथ एस एण्ड टी सहयोग   | 6.52               | 0.00          | 6.52          | 10.50                | 0.00          | 10.50         | 10.50                    | 0.00          | 10.50         | 11.00                | 0.00          | 11.00         |
| <b>कुल-अन्तर्राष्ट्रीय सहयोग कार्यक्रम</b>                 |  | <b>22.70</b>       | <b>0.00</b>   | <b>22.70</b>  | <b>23.74</b>         | <b>0.00</b>   | <b>23.74</b>  | <b>23.74</b>             | <b>0.00</b>   | <b>23.74</b>  | <b>21.50</b>         | <b>0.00</b>   | <b>21.50</b>  |
| 7.   | राष्ट्रीय मध्यम अवधि मौसम पूर्वानुमान केन्द्र<br>(एन सी एम आर डब्ल्यू एफ)      | 6.01               | 2.18          | 8.19          | 9.00                 | 2.87          | 11.87         | 11.00                    | 2.87          | 13.87         | 16.00                | 3.00          | 19.00         |
| 8  | प्रौद्योगिकी विकास बोर्ड   | 0.00               | 56.00         | 56.00         | 0.00                 | 55.00         | 55.00         | 0.00                     | 53.65         | 53.65         | 0.00                 | 54.00         | 54.00         |
| <b>कुल-अन्य वैज्ञानिक अनुसंधान</b>                         |  | <b>300.42</b>      | <b>61.20</b>  | <b>361.62</b> | <b>364.99</b>        | <b>61.02</b>  | <b>426.01</b> | <b>330.83</b>            | <b>59.52</b>  | <b>390.35</b> | <b>418.50</b>        | <b>60.00</b>  | <b>478.50</b> |
| 9  | वैज्ञानिक सर्वेक्षण  |                    |               |               |                      |               |               |                          |               |               |                      |               |               |
| 9.1  | भारतीय सर्वेक्षण विभाग   | 5.97               | 147.61        | 153.58        | 12.00                | 151.68        | 163.68        | 16.21                    | 152.28        | 168.49        | 17.00                | 156.60        | 173.60        |
| 9.2  | राष्ट्रीय एटलस एवं थिमैटिक मानचित्रण संगठन                                     | 0.75               | 6.23          | 6.98          | 1.00                 | 6.50          | 7.50          | 1.00                     | 6.50          | 7.50          | 1.50                 | 6.50          | 8.00          |
| <b>कुल-वैज्ञानिक सर्वेक्षण</b>                             |  | <b>6.72</b>        | <b>153.84</b> | <b>160.56</b> | <b>13.00</b>         | <b>158.18</b> | <b>171.18</b> | <b>17.21</b>             | <b>158.78</b> | <b>175.99</b> | <b>18.50</b>         | <b>163.10</b> | <b>181.60</b> |

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| क्र. सं. | विकास परियोजनाओं/कार्यक्रमों/योजनाओं का शीर्ष                  | वास्तविक 2002-2003 |               |               | बजट अनुमान 2003-2004 |               |                | संशोधित अनुमान 2003-2004 |               |               | बजट अनुमान 2004-2005 |               |                |
|----------|--|--------------------|---------------|---------------|----------------------|---------------|----------------|--------------------------|---------------|---------------|----------------------|---------------|----------------|
|          |  | योजना              | गैर-योजना     | कुल           | योजना                | गैर-योजना     | कुल            | योजना                    | गैर-योजना     | कुल           | योजना                | गैर-योजना     | कुल            |
| 1        | 2  | 3                  | 4             | 5             | 6                    | 7             | 8              | 9                        | 10            | 11            | 12                   | 13            | 14             |
| 10       | वैज्ञानिक संस्थान  |                    |               |               |                      |               |                |                          |               |               |                      |               |                |
| 10.1     | स्वायत्तशासी वैज्ञानिक संस्थान                                 | 158.30             | 31.06         | 189.36        | 182.21               | 30.10         | 212.31         | 148.35                   | 29.25         | 177.60        | 212.50               | 30.10         | 242.60         |
| 10.2     | अन्य व्यावसायिक निकायों, संगोष्ठी एवं परिसंवादों को सहायता     | 9.38               | 4.04          | 13.42         | 9.80                 | 4.05          | 13.85          | 9.80                     | 3.83          | 13.63         | 12.50                | 4.05          | 16.55          |
|          | <b>कुल-वैज्ञानिक संस्थान</b>                                   | <b>167.68</b>      | <b>35.10</b>  | <b>202.78</b> | <b>192.01</b>        | <b>34.15</b>  | <b>226.16</b>  | <b>158.15</b>            | <b>33.08</b>  | <b>191.23</b> | <b>225.00</b>        | <b>34.15</b>  | <b>259.15</b>  |
| 11       | भारत मौसम विज्ञान विभाग  | 62.25              | 109.07        | 171.32        | 60.00                | 113.42        | 173.42         | 60.50                    | 113.34        | 173.84        | 85.00                | 115.11        | 200.11         |
|          | <b>कुल</b>   | <b>537.07</b>      | <b>383.76</b> | <b>920.83</b> | <b>630.00</b>        | <b>393.99</b> | <b>1023.99</b> | <b>566.69</b>            | <b>392.09</b> | <b>958.78</b> | <b>747.00</b>        | <b>400.23</b> | <b>1147.23</b> |
| 12       | भेषज अनुसंधान एवं विकास सहायता निधि                            | 0.00               | 0.00          | 0.00          | 150.00               | 0.00          | 150.00         | 25.00                    | 0.00          | 25.00         | 125.00               | 0.00          | 125.00         |
| 13       | सहक्रियात्मक परियोजनाएं (प्रधान वैज्ञानिक सलाहकार का कार्यालय) | 0.00               | 0.00          | 0.00          | 10.00                | 0.00          | 10.00          | 7.31                     | 0.00          | 7.31          | 10.00                | 0.00          | 10.00          |
|          | <b>कुल</b>   | <b>0.00</b>        | <b>0.00</b>   | <b>0.00</b>   | <b>160.00</b>        | <b>0.00</b>   | <b>160.00</b>  | <b>32.31</b>             | <b>0.00</b>   | <b>32.31</b>  | <b>135.00</b>        | <b>0.00</b>   | <b>135.00</b>  |
| 14       | सूचना प्रौद्योगिकी   | 0.00               | 0.00          | 0.00          | 0.00                 | 0.00          | 0.00           | 1.00                     | 0.00          | 1.00          | 8.00                 | 0.00          | 8.00           |
|          | <b>सर्व योग</b>  | <b>537.07</b>      | <b>383.76</b> | <b>920.83</b> | <b>790.00</b>        | <b>393.99</b> | <b>1183.99</b> | <b>600.00</b>            | <b>392.09</b> | <b>992.09</b> | <b>890.00</b>        | <b>400.23</b> | <b>1290.23</b> |

**DEPARTMENT OF SCIENCE AND TECHNOLOGY  
SUMMARY OF FINANCIAL REQUIREMENTS**

| Sl. No. | HEAD OF DEVELOPMENT PROJECTS/<br>PROGRAMMES/SCHEMES          | ACTUALS 2002-2003         |              |               | BE 2003-2004  |              |               | RE 2003-2004  |              |               | BE 2004-2005  |              |               |
|---------|--|---------------------------|--------------|---------------|---------------|--------------|---------------|---------------|--------------|---------------|---------------|--------------|---------------|
|         |  | Plan                      | Non-Plan     | Total         | Plan          | Non-Plan     | Total         | Plan          | Non-Plan     | Total         | Plan          | Non-Plan     | Total         |
| 1       | 2  | 3                         | 4            | 5             | 6             | 7            | 8             | 9             | 10           | 11            | 12            | 13           | 14            |
|         | DEPARTMENT OF SCIENCE AND TECHNOLOGY                         | <i>(Rupees in Crores)</i> |              |               |               |              |               |               |              |               |               |              |               |
| 1       | SECRETARIAT ECONOMIC SERVICES                                |                           |              |               |               |              |               |               |              |               |               |              |               |
| 1.1     | SECRETARIAT, EXHIBITION & FAIRS, SCIENCE COUNSELLORS ABROAD. |                           |              |               |               |              |               |               |              |               |               |              |               |
|         | INTERNATIONAL CONTRIBUTIONS, PAOS, ETC.                      | 0.00                      | 24.55        | 24.55         | 0.00          | 27.22        | 27.22         | 0.00          | 27.37        | 27.37         | 0.00          | 27.87        | 27.87         |
|         | <b>TOTAL-SECRETARIAT ECONOMIC SERVICES</b>                   | <b>0.00</b>               | <b>24.55</b> | <b>24.55</b>  | <b>0.00</b>   | <b>27.22</b> | <b>27.22</b>  | <b>0.00</b>   | <b>27.37</b> | <b>27.37</b>  | <b>0.00</b>   | <b>27.87</b> | <b>27.87</b>  |
| 2.0     | R&D SUPPORT  |                           |              |               |               |              |               |               |              |               |               |              |               |
| 2.1.1   | MULTI-DISCIPLINARY RESEARCH IN SCIENCE & ENGINEERING (SERC)  |                           |              |               |               |              |               |               |              |               |               |              |               |
| 2.1.2   | RESEARCH AND DEVELOPMENT SUPPORT                             | 208.78                    | 3.02         | 211.80        | 215.00        | 3.15         | 218.15        | 201.19        | 3.00         | 204.19        | 241.00        | 3.00         | 244.00        |
|         | <b>TOTAL-R&amp;D SUPPORT</b>                                 | <b>208.78</b>             | <b>3.02</b>  | <b>211.80</b> | <b>215.00</b> | <b>3.15</b>  | <b>218.15</b> | <b>201.19</b> | <b>3.00</b>  | <b>204.19</b> | <b>241.00</b> | <b>3.00</b>  | <b>244.00</b> |
| 3       | SPECIAL TECHNOLOGY DEVELOPMENT AND COORDINATION              |                           |              |               |               |              |               |               |              |               |               |              |               |
| 3.1     | TECHNOLOGY DEVELOPMENT PROGRAMME                             | 20.94                     | 0.00         | 20.94         | 23.00         | 0.00         | 23.00         | 23.00         | 0.00         | 23.00         | 27.00         | 0.00         | 27.00         |
|         | <b>TOTAL-SPL. TECHNOLOGY DEVELOPMENT AND COORDINATION</b>    | <b>20.94</b>              | <b>0.00</b>  | <b>20.94</b>  | <b>23.00</b>  | <b>0.00</b>  | <b>23.00</b>  | <b>23.00</b>  | <b>0.00</b>  | <b>23.00</b>  | <b>27.00</b>  | <b>0.00</b>  | <b>27.00</b>  |
| 4       | TECHNOLOGY PROJECTS IN MISSION MODE                          |                           |              |               |               |              |               |               |              |               |               |              |               |
| 4.1     | TECHNOLOGY FOR BAMBOO PRODUCTS                               | 5.00                      | 0.00         | 5.00          | 43.25         | 0.00         | 43.25         | 13.25         | 0.00         | 13.25         | 23.00         | 0.00         | 23.00         |
| 4.2     | SEISMOLOGY   | 0.00                      | 0.00         | 0.00          | 10.00         | 0.00         | 10.00         | 5.00          | 0.00         | 5.00          | 25.00         | 0.00         | 25.00         |
|         | <b>TOTAL-TECHNOLOGY PROJECTS IN MISSION MODE</b>             | <b>5.00</b>               | <b>0.00</b>  | <b>5.00</b>   | <b>53.25</b>  | <b>0.00</b>  | <b>53.25</b>  | <b>18.25</b>  | <b>0.00</b>  | <b>18.25</b>  | <b>48.00</b>  | <b>0.00</b>  | <b>48.00</b>  |
| 5       | S&T PROGRAMMES FOR SOCIO-ECONOMIC DEVELOPMENT                |                           |              |               |               |              |               |               |              |               |               |              |               |
| 5.1     | SCIENCE AND SOCIETY PROGRAMME                                | 5.49                      | 0.00         | 5.49          | 5.50          | 0.00         | 5.50          | 5.50          | 0.00         | 5.50          | 6.00          | 0.00         | 6.00          |
| 5.2     | SPECIAL COMPONENT PLAN FOR THE DEVELOPMENT OF                |                           |              |               |               |              |               |               |              |               |               |              |               |
|         | SCHEDULED CASTES   | 0.88                      | 0.00         | 0.88          | 2.50          | 0.00         | 2.50          | 2.50          | 0.00         | 2.50          | 2.50          | 0.00         | 2.50          |
| 5.3     | TRIBAL SUB PLAN  | 1.16                      | 0.00         | 1.16          | 2.50          | 0.00         | 2.50          | 2.50          | 0.00         | 2.50          | 2.50          | 0.00         | 2.50          |

**DEPARTMENT OF SCIENCE AND TECHNOLOGY  
SUMMARY OF FINANCIAL REQUIREMENTS**

| Sl. No.  | HEAD OF DEVELOPMENT PROJECTS/<br>PROGRAMMES/SCHEMES                              | ACTUALS 2002-2003 |               |               | BE 2003-2004  |               |               | RE 2003-2004  |               |               | BE 2004-2005  |               |               |
|--|--|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
|  |  | Plan              | Non-Plan      | Total         | Plan          | Non-Plan      | Total         | Plan          | Non-Plan      | Total         | Plan          | Non-Plan      | Total         |
| 1  | 2  | 3                 | 4             | 5             | 6             | 7             | 8             | 9             | 10            | 11            | 12            | 13            | 14            |
| 5.4  | WOMEN COMPONENT PLAN   | 2.50              | 0.00          | 2.50          | 2.50          | 0.00          | 2.50          | 2.50          | 0.00          | 2.50          | 3.00          | 0.00          | 3.00          |
| 5.5  | SCIENCE AND TECHNOLOGY ENTREPRENEURSHIP DEVELOPMENT<br>AND EMPLOYMENT GENERATION | 14.98             | 0.00          | 14.98         | 14.00         | 0.00          | 14.00         | 14.00         | 0.00          | 14.00         | 16.00         | 0.00          | 16.00         |
| 5.6  | SCIENCE AND TECHNOLOGY COMMUNICATION AND POPULARISATION                          | 3.98              | 0.00          | 3.98          | 4.00          | 0.00          | 4.00          | 16.65         | 0.00          | 16.65         | 25.00         | 0.00          | 25.00         |
| 5.7  | STATE SCIENCE AND TECHNOLOGY PROGRAMME   | 8.00              | 0.00          | 8.00          | 10.00         | 0.00          | 10.00         | 10.00         | 0.00          | 10.00         | 10.00         | 0.00          | 10.00         |
| <b>TOTAL-S&amp;T PROGRAMMES FOR SOCIO ECONOMIC DEVELOPMENT</b> |  | <b>36.99</b>      | <b>0.00</b>   | <b>36.99</b>  | <b>41.00</b>  | <b>0.00</b>   | <b>41.00</b>  | <b>53.65</b>  | <b>0.00</b>   | <b>53.65</b>  | <b>65.00</b>  | <b>0.00</b>   | <b>65.00</b>  |
| 6.   | INTERNATIONAL COOPERATION PROGRAMMES   |                   |               |               |               |               |               |               |               |               |               |               |               |
| 6.1  | INDO-FRENCH CENTRE FOR THE PROMOTION OF ADVANCED<br>RESEARCH (IFCPAR)            | 6.00              | 0.00          | 6.00          | 6.00          | 0.00          | 6.00          | 6.00          | 0.00          | 6.00          | 6.00          | 0.00          | 6.00          |
| 6.2  | DEVELOPMENT COOPERATION BETWEEN INDIA & UNDP                                     | 6.82              | 0.00          | 6.82          | 3.74          | 0.00          | 3.74          | 3.74          | 0.00          | 3.74          | 0.50          | 0.00          | 0.50          |
| 6.3  | INDO-US SCIENCE AND TECHNOLOGY FORUM   | 3.36              | 0.00          | 3.36          | 3.50          | 0.00          | 3.50          | 3.50          | 0.00          | 3.50          | 4.00          | 0.00          | 4.00          |
| 6.4  | S&T COOPERATION WITH OTHER COUNTRIES   | 6.52              | 0.00          | 6.52          | 10.50         | 0.00          | 10.50         | 10.50         | 0.00          | 10.50         | 11.00         | 0.00          | 11.00         |
| <b>TOTAL-INTERNATIONAL COOPERATION PROGRAMMES</b>              |  | <b>22.70</b>      | <b>0.00</b>   | <b>22.70</b>  | <b>23.74</b>  | <b>0.00</b>   | <b>23.74</b>  | <b>23.74</b>  | <b>0.00</b>   | <b>23.74</b>  | <b>21.50</b>  | <b>0.00</b>   | <b>21.50</b>  |
| 7.   | NATIONAL CENTRE FOR MEDIUM RANGE WEATHER FORECASTING<br>(NCMRWF)                 | 6.01              | 2.18          | 8.19          | 9.00          | 2.87          | 11.87         | 11.00         | 2.87          | 13.87         | 16.00         | 3.00          | 19.00         |
| 8  | TECHNOLOGY DEVELOPMENT BOARD   | 0.00              | 56.00         | 56.00         | 0.00          | 55.00         | 55.00         | 0.00          | 53.65         | 53.65         | 0.00          | 54.00         | 54.00         |
| <b>TOTAL-OTHER SCIENTIFIC RESEARCH</b>                         |  | <b>300.42</b>     | <b>61.20</b>  | <b>361.62</b> | <b>364.99</b> | <b>61.02</b>  | <b>426.01</b> | <b>330.83</b> | <b>59.52</b>  | <b>390.35</b> | <b>418.50</b> | <b>60.00</b>  | <b>478.50</b> |
| 9  | SCIENTIFIC SURVEYS   |                   |               |               |               |               |               |               |               |               |               |               |               |
| 9.1  | SURVEY OF INDIA  | 5.97              | 147.61        | 153.58        | 12.00         | 151.68        | 163.68        | 16.21         | 152.28        | 168.49        | 17.00         | 156.60        | 173.60        |
| 9.2  | NATIONAL ATLAS AND THEMATIC MAPPING ORGANISATION                                 | 0.75              | 6.23          | 6.98          | 1.00          | 6.50          | 7.50          | 1.00          | 6.50          | 7.50          | 1.50          | 6.50          | 8.00          |
| <b>TOTAL-SCIENTIFIC SURVEYS</b>                                |  | <b>6.72</b>       | <b>153.84</b> | <b>160.56</b> | <b>13.00</b>  | <b>158.18</b> | <b>171.18</b> | <b>17.21</b>  | <b>158.78</b> | <b>175.99</b> | <b>18.50</b>  | <b>163.10</b> | <b>181.60</b> |

**DEPARTMENT OF SCIENCE AND TECHNOLOGY  
SUMMARY OF FINANCIAL REQUIREMENTS**

| Sl. No. | HEAD OF DEVELOPMENT PROJECTS/<br>PROGRAMMES/SCHEMES           | ACTUALS 2002-2003 |               |               | BE 2003-2004  |               |                | RE 2003-2004  |               |               | BE 2004-2005  |               |                |
|---------|---|-------------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|
|         |   | Plan              | Non-Plan      | Total         | Plan          | Non-Plan      | Total          | Plan          | Non-Plan      | Total         | Plan          | Non-Plan      | Total          |
| 1       | 2   | 3                 | 4             | 5             | 6             | 7             | 8              | 9             | 10            | 11            | 12            | 13            | 14             |
| 10      | SCIENTIFIC INSTITUTIONS                                       |                   |               |               |               |               |                |               |               |               |               |               |                |
| 10.1    | AUTONOMOUS SCIENTIFIC INSTITUTIONS                            | 158.30            | 31.06         | 189.36        | 182.21        | 30.10         | 212.31         | 148.35        | 29.25         | 177.60        | 212.50        | 30.10         | 242.60         |
| 10.2    | ASSISTANCE TO OTHER PROFESSIONAL BODIES, SEMINAR AND SYMPOSIA | 9.38              | 4.04          | 13.42         | 9.80          | 4.05          | 13.85          | 9.80          | 3.83          | 13.63         | 12.50         | 4.05          | 16.55          |
|         | <b>TOTAL-SCIENTIFIC INSTITUTIONS</b>                          | <b>167.68</b>     | <b>35.10</b>  | <b>202.78</b> | <b>192.01</b> | <b>34.15</b>  | <b>226.16</b>  | <b>158.15</b> | <b>33.08</b>  | <b>191.23</b> | <b>225.00</b> | <b>34.15</b>  | <b>259.15</b>  |
| 11      | INDIA METEOROLOGICAL DEPARTMENT                               | 62.25             | 109.07        | 171.32        | 60.00         | 113.42        | 173.42         | 60.50         | 113.34        | 173.84        | 85.00         | 115.11        | 200.11         |
|         | <b>TOTAL</b>  | <b>537.07</b>     | <b>383.76</b> | <b>920.83</b> | <b>630.00</b> | <b>393.99</b> | <b>1023.99</b> | <b>566.69</b> | <b>392.09</b> | <b>958.78</b> | <b>747.00</b> | <b>400.23</b> | <b>1147.23</b> |
| 12      | PHARMACEUTICAL RESEARCH & DEVELOPMENT SUPPORT FUND            | 0.00              | 0.00          | 0.00          | 150.00        | 0.00          | 150.00         | 25.00         | 0.00          | 25.00         | 125.00        | 0.00          | 125.00         |
| 13      | SYNERGY PROJECTS (O/o the PRINCIPAL SCIENTIFIC ADVISER)       | 0.00              | 0.00          | 0.00          | 10.00         | 0.00          | 10.00          | 7.31          | 0.00          | 7.31          | 10.00         | 0.00          | 10.00          |
|         | <b>TOTAL</b>  | <b>0.00</b>       | <b>0.00</b>   | <b>0.00</b>   | <b>160.00</b> | <b>0.00</b>   | <b>160.00</b>  | <b>32.31</b>  | <b>0.00</b>   | <b>32.31</b>  | <b>135.00</b> | <b>0.00</b>   | <b>135.00</b>  |
| 14      | INFORMATION TECHNOLOGY  | 0.00              | 0.00          | 0.00          | 0.00          | 0.00          | 0.00           | 1.00          | 0.00          | 1.00          | 8.00          | 0.00          | 8.00           |
|         | <b>GRAND TOTAL</b>  | <b>537.07</b>     | <b>383.76</b> | <b>920.83</b> | <b>790.00</b> | <b>393.99</b> | <b>1183.99</b> | <b>600.00</b> | <b>392.09</b> | <b>992.09</b> | <b>890.00</b> | <b>400.23</b> | <b>1290.23</b> |