

**राष्ट्रीय प्रौद्योगिकी संस्थान राउरकेला**  
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|       |  |            |
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|       |   |            |
|-------|---|------------|
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| 73276 | "   | On Display |
| 73277 | "   | On Display |
| 73278 | "   | On Display |
| 73279 | "   | On Display |
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|       |  |            |
|-------|--|------------|
| 73298 | "  | On Display |
| 73299 | "  | On Display |
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| 73318 | "  | On Display |
| 73319 | "  | On Display |
| 73320 | "  | On Display |
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| 73322 | "  | On Display |

|       |   |            |
|-------|---|------------|
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| 73338 | "   | On Display |
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| 73342 | "   | On Display |
| 73343 | "   | On Display |
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| 73347  | "   | On Display |
| 73348  | "   | On Display |
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| 73351  | "   | On Display |
| 73352  | "   | On Display |
| 73353  | "   | On Display |
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| 73357  | "   | On Display |
| 73358  | "   | On Display |
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| 73365  | "   | On Display |
| 73366  | "   | On Display |
| 73367  | "   | On Display |
| 73368  | Wireless Sensor Networks: technology, protocols, and<br>applications / Sohraby, Kazem. : Wiley, 1991<br>681.2 SOH/W                   | On Display |
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|       |  |            |
|-------|--|------------|
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| 73373 | "  | On Display |
| 73374 | "  | On Display |
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|-------|--|------------|
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53(3); Mar,2015 13/08/2015  
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53(1); Jan,2015 13/08/2015
  
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53(5); 1 May-31 May,2015 13/08/2015  
53(4); 1 Apr-30 Apr,2015 13/08/2015  
53(3); 1 Mar-31 Mar,2015 13/08/2015  
53(2); 1 Feb-28 Feb,2015 13/08/2015  
53(1); 1 Jan-31 Jan,2015 13/08/2015
  
18. Indian Science Abstract / NISCAIR,CSRI.  
51(8); 16 Apr-30 Apr,2015 13/08/2015  
51(7); 1 Apr-15 Apr,2015 13/08/2015  
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51(5); 1 Mar-15 Mar,2015 13/08/2015  
51(4); 16 Feb-28 Feb,2015 13/08/2015  
51(3); 1 Feb-15 Feb,2015 13/08/2015  
51(2); 16 Jan,2015 13/08/2015  
51(1); 1 Jan,2015 13/08/2015
  
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20(3); May,2015 13/08/2015  
20(2); Mar,2015 13/08/2015  
20(1); Jan,2015 13/08/2015

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74(7); Jul-31 Jul,2015 13/08/2015  
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74(5); May-31 May,2015 13/08/2015  
74(4); Apr-30 Apr,2015 13/08/2015  
74(3); Mar-31 Mar,2015 13/08/2015  
74(2); Feb-28 Feb,2015 13/08/2015  
74(1); Jan-31 Jan,2015 13/08/2015
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Mechanical Engg; Production Engg: Aerospace Engg: Marine  
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Engineering / The Institution of Engineers (India).
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Engineers (India) & Springer.
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/ Indian Academy of Sciences and Springer.  
40(3); 1 May-30 Jun,2015 13/08/2015
29. University News / Association of Indian Universities.  
[53(30)] 27 Jul-2 Aug,2015 13/08/2015  
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