

ADIT Library Report

Status of e-library:

As per rules of AICTE, the e-journal packages (nos. 5) are subscribed mandatorily.

The details of packages are as follows:

| Sr no | Publisher | Subjects | E-content | Annual Subscription rate for AICTE |
|-------|-------------------------------------|--|---|------------------------------------|
| 1 | IEEE | Computer engineering + computer science + Electrical & Electronics engineering + Telecommunication & related disciplines | IEEE-all Society periodicals e packages | US\$4980 |
| 2 | ASME | Mechanical engineering | ASME e journals packages | US\$2156 |
| 3 | MC Graw Hill | General engineering & Reference | Access Engineering Library | US\$1969 |
| 4 | ELSEVIER | Engineering + computer science (Electrical + Electronics + Mechanical + Civil & Structural + Aerospace + Biomedical + Industrial & Manufacturing + Ocean Engineering + Computational Mechanical & Safty Risk Reliability & Quality + Computer Network and Communication Artificial Intelligence computer science Etc.... | Science Direct | US\$1969 |
| 5 | ASTM Digital Library Online Version | Online Dictionary of Engineering Science and Technology Electrical & Electronics engineering Mechanical Civil Engineering Metallugical Petroleum instrumentation | ASTM DL | US\$6500 |

- We have fulfilled the vision of e-library facility.
- Faculty members as well as students are actively using the facilities of e-journals.

At present ADIT library, have 21916 nos **UG** books and **727 nos**.PG Books of various subjects like as

1. Books-Journals requirement as per AICTE and available

2.1 [A] Books per course (Tech.) UG:

| Sr no | Course(s) | Books As per AICTE Norms | | Actual at Institute | |
|-------|-------------------|--------------------------|----------------|---------------------|----------------|
| | | No. of Titles | No. of Volumes | No. of Titles | No. of Volumes |
| 1 | IT/CP | 960/960 | 2350/2350 | 1723 | 5180 |
| 2 | ME/AE | 960/840 | 2350/2150 | 1515/138 | 4614 +367 |
| 3 | EC | 960 | 2350 | 1117 | 3931 |
| 4 | EE | 900 | 2250 | 523 | 2989 |
| 5 | FT | 900 | 2250 | 670 | 1739 |
| 6 | Civil | 100 | 500 | 273 | 1464 |
| | Others Maths,L&cs | 960 | 2350 | 837 | 2455 |
| | Total | 7540 | 18900 | 6796 | 22739 |

2.1 [B] Books per course (Tech.) PG:

| Sr. no | Course(s) | Books As per AICTE Norms | | Actual at Institute | |
|--------|--------------|--------------------------|----------------|---------------------|----------------|
| | | No. of Titles | No. of Volumes | No. of Titles | No. of Volumes |
| 1 | EC | 50 | 200 | 80 | 283 |
| 2 | ME | 100 | 400 | 86 | 394 |
| | Total | 150 | 600 | 166 | 677 |

2.2 list of Journals per course:

| Sr. no. | Course(s) | Journals As per AICTE | | Journals Actual at Institute | |
|---------|--------------|-----------------------|---------------|------------------------------|---------------|
| | | National | International | National | International |
| 1 | IT/CP | 12 | 6 | 14 | 23 |
| 2 | ME/AE | 12 | 6 | 14/07 | 04/04 |
| 3 | EC | 6 | 3 | 12 | 06 |
| 4 | EE | 6 | 3 | 07 | 08 |
| 5 | FT | 6 | 3 | 10 | 03 |
| 6 | Civil. | 6 | 3 | 08 | 00 |
| 7 | Others | 6 | 3 | 04 | 00 |
| | Total | 54 | 27 | 76 | 48 |

List of Journals/ Magazines

| Information Technology / Computer Engineering(2011-12) | | | | |
|---|---------------|-------------------------|--------------------|-------|
| SR NO | NAME | National/ International | Magazine / Journal | Total |
| 1 | Chip | N | M | 04 |
| 2 | Pc-Quest | N | M | |
| 3 | Linux for You | N | M | |
| 4 | Digit | N | M | |

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|----|---|---|---|----|
| 5 | Computer Society of India | N | J | 14 |
| 6 | Computer engineering (IEI) | N | J | |
| 7 | Journal of Information & Optimization Science | N | J | |
| 8 | Journal of Discrete Mathematical Sciences & Cryptography | N | J | |
| 9 | Indian jnl of computer sci and information technology | N | J | |
| 10 | International jnl of information system modeling and design tech | N | J | |
| 11 | Indian jnl of applied computational intelligence and soft computing | N | J | |
| 12 | Indian jnl of computational intelligence | N | J | |
| 13 | Indian jnl of networking and computer engineering | N | J | |
| 14 | Indian jnl of advance in software engineering | N | J | |
| 15 | International jnl of advances in information technology | N | J | |
| 16 | Indian jnl of advance networking and computer engineering | N | J | |
| 17 | Indian jnl of computer applications | N | J | |
| 18 | Indian jnl of wireless network and application | N | J | |
| 19 | IEEE Biometric compendium | I | J | |
| 20 | IEEE-Computational Intelligence Society(online) | I | J | |
| 21 | IEEE-computational Intelligence periodical package | I | J | |
| 22 | IEEE Systems Man, Cinematic Society Membership | I | J | |
| 23 | IEEE Transaction on Systems Man, Cybermatics Part-A:Systems And Humans | I | J | |
| 24 | IEEE Transaction on Systems, Man, Cybermatics Part-B: Cybermatics | I | J | |
| 25 | IEEE Transactions on Systems, Man Cybermatics Part-C : Applications Reviews | I | J | |
| 26 | IEEE Transactions on mobile computing | | | |
| 27 | IEEE-Transaction on Pattern Analysis and Machine Intelligence | I | J | |
| 28 | IEEE-Transaction on Knowledge & Data Eng. | I | J | |

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|-----------------------------------|--|---|---|-----------|
| 29 | IEEE-Transaction on computers | | | |
| 30 | IEEE-ACM Trans on Networking | I | J | |
| 31 | IEEE-trans on Parallel and Distributed System | I | J | |
| 32 | IEEE-Trans on Software Engg. | I | J | 21 |
| 33 | IEEE Intellegent systems magazine | I | J | |
| 34 | IEEE Internet Computing Magazine | I | J | |
| 35 | IEEE Network magazine | I | J | |
| 36 | IEEE Wireless Communication | I | J | |
| 37 | IEEE-Computer society membership | I | J | |
| 38 | IEEE-Trans on Dependable & Secure Computing | I | J | |
| 39 | IEEE Computer Society Digital Library Subscription | I | J | |
| Magazines:04 + Journals:35 | | | | 39 |
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Mechanical Engineering (2011-12)

| SR NO | NAME | National/ International | Magazine / Journal | Total |
|-------|--|----------------------------|-----------------------|-------|
| 1 | The Machinist | N | M | 07 |
| 2 | Industrial Product Finder | N | M | |
| 3 | Engineering Advances | N | M | |
| 4 | Industrial Automation | N | M | |
| 5 | Industrial Safety Chronicle | N | M | |
| 6 | Pumps India | N | M | |
| 7 | Valves India | N | M | |
| 8 | Indian Foundry Journal | N | J | 14 |
| 9 | Advances in Vibration Engineering | N | J | |
| 10 | The Innovative ACR-Cool Conduive Environ | N | J | |
| 11 | Op Search | N | J | |
| 12 | Air Condition & Refrigeration Journal | N | J | |
| 13 | Vikalpa | N | J | |
| 14 | Jour of Entrepreneurship | N | J | |
| 15 | Indian Journal of Engg. & Material Science | N | J | |
| 16 | Mechanical Engineering(IEI) | N | J | |
| 17 | Metallurgical & Materials (IEI) | N | J | |
| 18 | Production Engineering(IEI) | N | J | |
| 19 | International jnl of advance in | N | J | |

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|----|--|---|---|-----------|
| | thermal science in engineering | | | |
| 20 | International jnl of advance in machining and forming operations | N | J | |
| 21 | International jnl of design engineering and technology | N | J | |
| 22 | Jour of Mechanical Design | I | J | 04 |
| 23 | Jour of Turbo Machinery | I | J | |
| 24 | Jour of manufacturing Science & Engg | I | J | |
| 25 | ASHRAE Journal | I | J | |
| | Magazines:07 + Journals:18 | | | 25 |

Automobile Engineering (2011-12)

| SR NO | NAME | National/ International | Magazine / Journal | Total |
|-------|---|----------------------------|-----------------------|-----------|
| 1 | Over Drive | N | M | 01 |
| 2 | Auto India | N | J | |
| 3 | Motor India | N | J | 07 |
| 4 | Auto Care Professional | N | J | |
| 5 | Indian Journal of Transport Management | N | J | |
| 6 | Journal of Biofuels | N | J | |
| 7 | Journal of Resources energy and development | N | J | |
| 8 | TERI information Digest on energy & environment | N | J | 04 |
| 9 | Auto & Design | I | J | |
| 10 | Automotive design & Production magazine | I | J | |
| 11 | BBC Top Gear | I | J | |
| 12 | Motor Trend | I | J | |
| | Magazines:01 + Journals:11 | | | 12 |

Electronics & Communication Engineering (2011-12)

| SR NO | NAME | National/ International | Magazine / Journal | Total |
|-------|---|----------------------------|-----------------------|-------|
| 1 | Electronics for You | N | M | 05 |
| 2 | Electronics Maker | N | M | |
| 3 | Electronics Today | N | M | |
| 4 | Tele communications | N | M | |
| 5 | Electronics Bazar | N | M | |
| 6 | IETE Journal of Research | N | J | 12 |
| 7 | IETE technical Review | N | J | |
| 8 | Journal of Scientific & Industrial Research | N | J | |

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|-----------------------------------|--|---|---|-----------|
| 9 | Indian journal of Radio & Space Physics | N | J | |
| 10 | Journal of Indian Society of Remote Sensing | N | J | |
| 11 | Indian institute of Science | N | J | |
| 12 | Electronics & Telecom Engineering(IEI) | N | J | |
| 13 | Technorama(IEI) | N | J | |
| 14 | System society of India | N | J | |
| 15 | International Jnl of Advances VLSI design | N | J | |
| 16 | International Jnl of Advances in circuits and systems | N | J | |
| 17 | International Jnl of electronics engineering | N | J | |
| 18 | IEEE Communication Society | I | J | 06 |
| 19 | IEEE-Signal Processing | I | J | |
| | IEEE-Trans on Signal Processing | I | J | |
| | IEEE-Trans on Image Processing | I | J | |
| | IEEE Transaction on Audio Speech and Language Processing | I | J | |
| 23 | Proceedings of the IEEE (Print/online combination) | I | J | |
| Magazines:05 + Journals:18 | | | | 23 |

Electrical Engineering (2011-12)

| SR NO | NAME | National/ International | Magazine / Journal | Total |
|-------|---|-------------------------|--------------------|-------|
| 1 | Electrical India | N | M | 05 |
| 2 | Electrical Engineering Update | N | M | |
| 3 | The Luminaries (Lighting India) | N | M | |
| 4 | Power Line | N | M | |
| 5 | India Power | N | M | |
| 6 | Electrical Engineering(IEI) | N | J | 07 |
| 7 | IEEMA Journal | N | J | |
| 8 | Indian Jnl of Electrical and computer Engineering | N | J | |
| 9 | Indian Jnl of electrical engineering research | N | J | |
| 10 | International jnl of electric power system research | N | J | |
| 11 | International jnl of power system and power electronics engineering | N | J | |
| 12 | International jnl of power | N | J | |

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|----|---|---|---|-----------|
| | engineering | | | |
| 13 | IEEE-Power and Energy society | I | J | 08 |
| 14 | IEEE Power and energy society digital library | I | J | |
| 15 | IEEE Transaction on power system | I | J | |
| 16 | IEEE industry application magazine | I | J | |
| 17 | IEEE-Power Electronics society | I | J | |
| 18 | IEEE Transaction on Power Delivery | I | J | |
| 19 | IEEE Transaction Power Electronics | I | J | |
| 20 | IEEE Transaction on industry application | I | J | |
| | Magazines:05 + Journals:15 | | | 20 |

Food Processing and Technology (2011-12)

| SR NO | NAME | National/ International | Magazine / Journal | Total | |
|-------|--|----------------------------|-----------------------|-----------|----|
| 1 | Beverage & Food World | N | M | 06 | |
| 2 | Dairy Motel Times | N | M | | |
| 3 | Khadhya Khorak News | N | M | | |
| 4 | Agricultural Situation in India | N | M | | |
| 5 | Food Beverage News | N | M | | |
| 6 | Indian dairyman | N | M | | |
| 7 | Indian Food Industry | N | J | | |
| 8 | Processed food Industry | N | J | | |
| 9 | Packaging India | N | J | | |
| 10 | Indian journal of dairy science | N | J | | |
| 11 | Journal of Food Engineering | N | J | 10 | |
| 11 | Indian Baker | N | J | | |
| 12 | Indian Food Packer | N | J | | |
| 13 | Indian Journal of Dairy Science | N | J | | |
| 14 | Times food Processing Journal | N | J | | |
| 15 | Jour of Food Science & technology | N | J | | |
| 16 | Journal of Food Processing & Preservation | I | J | | 03 |
| 17 | Journal of Food Process Engineering | I | J | | |
| 18 | Food Processing | I | J | | |
| | Magazines:06 + Journals:13 | | | 19 | |

Civil Engineering (2011-12)

| SR NO | NAME | National/ International | Magazine / Journal | Total |
|-------|------|----------------------------|-----------------------|-------|
|-------|------|----------------------------|-----------------------|-------|

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|-----------------------------------|--|---|---|-----------|
| 1 | Civil Engineering construction Review | N | M | 03 |
| 2 | New Building Materials & Construction World | N | M | |
| 3 | Indian highway | N | M | |
| 4 | Journal of Indian water work Association | N | J | 08 |
| 5 | Indian Concrete Journal | N | J | |
| 6 | Indian Geo Technical journal | N | J | |
| 7 | Journal of Structural Engineering | N | J | |
| 8 | NICMAR journal of Construction Mgt. | N | J | |
| 9 | Civil Engineering(IEI) | N | J | |
| 10 | International Jnl of Environment and development | N | J | |
| 11 | International jnl of Advances in civil engineering | N | J | |
| Magazines:03 + Journals:08 | | | | 11 |

OTHERS (2011-12)

| SR NO | NAME | National/ International | Magazine / Journal | Total |
|--------------------------------|---------------------------------------|----------------------------|-----------------------|-----------|
| 1 | IEI News(IEI) | N | J | 04 |
| 2 | Interdisciplinary(IEI) | N | J | |
| 3 | Indian Journal of Technical Education | N | J | |
| 4 | EDU Tech | N | J | |
| 5 | Business India | N | M | 17 |
| 6 | Yojana | N | M | |
| 7 | Economics and Political Weekly | N | M | |
| 8 | Employment News | N | M | |
| 9 | Swaminarayan Bliss | N | M | |
| 10 | Swaminarayan Prakashan | N | M | |
| 11 | Premvati | N | M | |
| 12 | Insight | N | M | |
| 13 | Down To Earth | N | M | |
| 14 | Reader's Digest | N | M | |
| 15 | V-Vidhyanagar | N | M | |
| 16 | Invention Intelligence | N | M | |
| 17 | Safari Magazine | N | M | |
| 18 | Parab | N | M | |
| 19 | Immigration Times | N | M | |
| 20 | Frontline | N | M | |
| 21 | Competition Success Review (CSR) | N | M | |
| Journal:04 +Magazine:17 | | | | 21 |

NEWS PAPERS

| Sr no | News Papers Name |
|-------|------------------|
| 1 | Gujarat Samachar |
| 2 | Sandesh |
| 3 | Times of India |
| 4 | Economics Times |
| 5 | Indian Express |
| 6 | Naya Padkar |
| 7 | Divya Bhashkar |
| 8 | Mega Gujarat |
| 9 | Kheda Vartman |
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Details of Library

| A | Details of Books(course wise) | Degree Engineering |
|--------|--|---|
| (i) | No. of Titles | |
| | <p><u>UG Books:</u> Information Technology/Computer Engg.:1723 Mechanical Engineering:1515 Automobile Engineering:194 Electronics & Communication Engg.:1118 Electrical Engineering:685 Food Processing & Technology:777 Civil Engineering: 344 Other: 966</p> <p><u>PG Books:</u> Electronics & Communication Engg.:72 Mechanical Engineering:88</p> | <p>7482 (7322 UG+160 PG)</p> |
| (ii) | No. of Volumes | |
| | <p><u>UG Books:</u> Information Technology/Computer Engg.:5180 Mechanical Engineering:4614 Automobile Engineering:367 Electronics & Communication Engg.:3931 Electrical Engineering:2989 Food Processing & Technology:1739 Civil Engineering: 1464 Other: 2455</p> <p><u>PG Books:</u> Electronics & Communication Engg.:283 Mechanical Engineering: 394</p> | <p>(22739 UG +677 PG)</p> |
| (iii) | Total No of Books: UG:22739 + PG: 677 | 23416 |
| (iv) | No. of Journals/Foreign Journals | 76/48 |
| (v) | Total cost of Technical books | Rs.77,30,686 |
| (vi) | Number of title of other books : | 966nos. |
| (vii) | Number of books other then technical: | 2139nos. |
| (viii) | <p>List of Technical journals & magazines: 172 Magazines: National : 48 Journal : National : 76 + International : 48 = 124 e-journal : As per rules of AICTE, the e-journal packages (nos. 5) are subscribed mandatorily. The details of packages are as follows:</p> <ol style="list-style-type: none"> 1. IEEE-all Society periodicals e packages 2. ASME e journals packages 3. Access Engineering Library 4. Science Direct 5. ASTM DL 6. ASCE 7. J-Gate 8. Springer(Electrical & Electronics and Computer Sci.) | |
| | <p>Magazines: National : 48 + International : 00 = 48 Journal : National : 76 + International : 48 = 124</p> | <p>Journal :124 Mag : 48</p> |