CHAPTER 4

PROFILES OF ENGINEERING COLLEGE LIBRARIES AFFILATED TO VISVESVARAYA TECHNOLOGICAL UNIVERSITY: BELGAUM.
4.0 Introduction

4.1 SJCE (Sri Jayachamarajendra College of Engineering), Mysore

4.2 BMS (Bhusanayana Mukundadas Sreenivasaiah) Institute of Technology, Bangalore

4.3 R.N. Shetty Institute of Technology (RNSIT), Bangalore

4.4 The National Institute of Engineering (NIE), Mysore

4.5 M S Ramaiah Institute of Technology (MSRIT), Bangalore

4.6 Rashtriya Vidyalaya College of Engineering (RVCE), Bangalore

4.7 Bangalore College of Engineering and Technology (BIT), Bangalore

4.8 Nitte Mahalinga Adyanthaya Memorial Institute of Technology (NMAMIT), Nitte

4.9 East Point of College of Engineering and Technology (EPCET), Bangalore

4.10 Don Bosco Institute of Technology, Bangalore

4.11 KLE Society's College of Engineering & Technology, Belgaum

4.12 Acharya Institute of, Technology, Bangalore

4.13 P.E.S. Institute of Technology, Bangalore Cambridge Institute of Technology, Bangalore

4.14 Cambridge Institute of Technology, Bangalore.

4.15 Bapuji Institute of Engineering & Technology, Davangere

4.16 UBDT Engineering College (Constituent College of VTU), Davangere

4.17 Nitte Meenakshi Institute of Technology (NMIT), Bangalore

4.18 Siddaganga Institute of Technology (SIT), Tumkur

4.19 Sri. Dharmasthala Manjunatheshwara College of Engineering and Technology (SDMCET), Dharwad.

4.20 Malnad College of Engineering (MCE), Hasan

4.21 Poojya Dodappa Appa (P.D.A.) College of Engineering, Gulbarga

4.22 Dayananda Sagar College of Engineering (DSCE), Bangalore

4.23 M V Jayaraman (MVJ) College of Engineering, Bangalore

4.24 St. Joseph Engineering College, Mangalore

4.25 A.C. Shanmugam (ACS College of Engineering), Bangalore

4.26 Basaveshwar Engineering College, Bagalkot

4.27 Gogate Institute of Technology (GIT), Belgaum

4.28 Chikka Muniappa Reddy (CMR) Institute of Technology, Bangalore

4.29 Bahubali College of Engineering, Shravanabelagola.

4.30 East West Institute of Technology, Bangalore.

4.31 Conclusion

References
Fig.1 Visvesvaraya Technological University (VTU), Belgaum
Fig. 2 Visvesvaraya Technological University (VTU) Library, Belgaum
4.0 Introduction:

There are 194 Engineering colleges affiliated to Visvesvaraya Technological University. Based on the year of establishment and reputation following engineering college profiles and its library profile have been listed below.

4.1 SJCE Mysore

Sri Jayachamarajendra College of Engineering in Mysore was established in the year 1963 under the aegis of JSS Mahavidyapeetha. It has carved a niche for itself as a premier centre for Technical Education. Well equipped and sophisticated laboratories, Library, and highly qualified and experienced faculty and staff members, well-designed college campus are the reason for their success.

![Fig-3](image_url)

The College is Autonomous Institution under V.T.U Belgaum and Governed by the Grant-in-Aid rules of the Government of Karnataka

It is approved by All India Council for Technical Education and accredited by National Board of Accreditation. It is selected as lead institute for assistance by World Bank under TEQIP Scheme of Government of India

UG Courses

1. Civil Engineering
2. Mechanical Engineering
3. Industrial and Production Engineering
4. Electrical and Electronics Engineering
5. Electronics and Communication Engineering
6. Instrumentation Technology
7. Computer Science and Engineering
8. Environmental Engineering
9. Polymer Science and Technology
10. Information Science and Engineering
11. Biotechnology
12. Construction Technology and Management

Evening Courses for Employed Diploma Holders.

1. Mechanical Engineering.
2. Electrical and Electronics Engineering.

P G Courses

1. M.Tech in Industrial Electronics
2. M.Tech in Industrial Structures
3. M.Tech in Network & Internet Engineering
4. M.Tech in Environmental Engineering
5. M.Tech in Maintenance Engineering
6. M.Tech in Computer Engineering
7. M.Tech in Software Engineering
11. M.Tech in Health Science & Water Engineering
12. M.Tech in Polymer Science
13. Master of Business Administration
14. Master of Computer Applications

Recognized Research Programmes by V.T.U Belgaum are:

1. M.Sc. [Engg] by research – All Engineering Departments
2. Ph.D. Programmes – All Departments
Library Information Centre: The institute has excellent library facilities to cater to the needs of Curriculum, research, consulting and general reading. The building is spacious with large reading halls. Digital library established to support CD/DVD resources and e-books. It has access to online journals through ASCE Online, IEL Online, Springer link, Open-j-Gate, DELNET.

Library, being one of the very important organs of the system, is the centre of all activities on the Campus. The centre is equipped with over 60,326 volumes covering all branches of Science and engineering, encyclopaedias, dictionaries, hand Books, data Books etc. It has adopted open access system and maintains author, title, subject and series catalogues to provide multiple access to the stack. It also has a fairly good collection of ISI specifications, Project Reports and Dissertations, Doctoral Thesis and Proceedings of Conferences and Monographs.

The centre is catering to the needs of the students, faculty and research scholars. Further library provides audio visual facilities, photo copying facilities, book bank facilities etc.

4.2 BMS (Bhusanayana Mukundadas Sreenivasaiah) Institute of Technology, Bangalore, a institution started by BMS educational trust in the year 2002 situated at Doddaballapura main road, 5 km from Yelahanka, 19 km from Vidhanasoudha and 12 km from international airport. Keeping pace with BMS Educational Trust continued efforts to the advancement of knowledge, training of specialist man power and service to the community. In general the Managing Body is started making this new institution a premier institute of technology and management in the noble tradition of dedicated services which are characterized the activities of the BMS Education Trust since its inception.

Departments available in BMS Engineering College

- Mechanical Engineering
- Computer Science Engineering
- Electronics Engineering
- Telecommunication Engineering
- Electrical Engineering
- Master of Computer Applications
- Physics
- Chemistry
- Mathematics
- Department of Civics
Mission of the Library:

The mission of BMSCE library is to seek, create, communicate and preserve knowledge and understanding and carryout the mission in a unified community known as College. The library, in support of the educational and research mission of the college, is the local repository and the principal gateway to current information and the scholarly record. As such, it is simultaneously collection and connection for the current and future students and faculty of the college.

Vision

It is an information hub of academic community and a centre of unbridled intellectual inquiry. A place where the past converges with the present and the road to the future is littered with every imaginable tried ideas and tested theory.

Objective

The primary objective of the library is to offer a fully integrated and dynamic environment suited for academic pursuits, study and research for the students and staff, by augmenting traditional print and electronic resources both local and global technologies.

Statistics

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Branch-</th>
<th>Vols-</th>
<th>Titles</th>
</tr>
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<td>01.</td>
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<td>19967</td>
<td>7067</td>
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<td>02.</td>
<td>Mechanical Engineering</td>
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<td>03.</td>
<td>Electrical Engineering</td>
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<td>05.</td>
<td>Computer Science</td>
<td>10881</td>
<td>5071</td>
</tr>
<tr>
<td>06.</td>
<td>Telecommunication</td>
<td>2923</td>
<td>1057</td>
</tr>
<tr>
<td>07.</td>
<td>Architecture</td>
<td>4009</td>
<td>3450</td>
</tr>
<tr>
<td>08.</td>
<td>IEM</td>
<td>6505</td>
<td>3062</td>
</tr>
<tr>
<td>09.</td>
<td>Information Science</td>
<td>3577</td>
<td>1628</td>
</tr>
<tr>
<td>10.</td>
<td>Instrumentation</td>
<td>1494</td>
<td>582</td>
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<td>11.</td>
<td>Chemical</td>
<td>1900</td>
<td>654</td>
</tr>
<tr>
<td>12.</td>
<td>Medical Electronics</td>
<td>1476</td>
<td>485</td>
</tr>
<tr>
<td>13.</td>
<td>Biotechnology</td>
<td>1597</td>
<td>314</td>
</tr>
</tbody>
</table>
14. Physics 1423 522
15. Chemistry 3588 1011
16. Mathematics 4678 1127
17. Others 1965 1181
18. PG Studies 17173
total- 1,10,806 39,783

Types of Resources
6. Dictionaries: 133.
10. Back Volumes: 2323

News Papers: 14
Library Staff: 23

Library Services
• Lending
• Reference
• Referral
• Reprographic
• Career Information
• Internet Services
• Access to e-Journals
• Access to Free Books & Journals
• Online Public Access Catalogue (OPAC)
• Inter Library Loan
• Book Exhibition
• Seminars/Workshops

Location:
The library is aesthetically located in a central place near the main entrance of the college and is very prominently housed in a big and spacious building with a floor area of 2625.67 Sq. m.
Layout:

The main library building has two floors & annex has five floors with lift facility. The ground floor of the library houses the reading room, CIC (career information centre), a full-fledged furnished seminar hall and the annex has the Evening college library in it. First floor consists of the stack section and reading space capacity for 40 students in the annex.

The librarian’s chamber, Server room, Circulation counters and reprographic room are also located here.

Second floor annex is strictly meant for Undergraduate Reference and has a seating capacity of 60 students.

Third floor annex is reserved for Postgraduate reference and Periodical section and can house 60 students. Fourth floor is proposed to house a State-of-the-art digital library.

The Internet Browsing Centre:

The digital library is planned with a small conference hall, CD-ROM workstation and Internet facility is being provided to access the online library collection, E-Journals and anything related to the users’ area of study and research. As a result of the tie-up with INDEST Consortium, access to IEL online resources is available.

Document Resources:

Library to date has a total collection of 110806 volumes of books, The library is presently subscribing to 144 National and 21 International Technical Journals.

Arrangement of Collections:

Open access is provided to the Library holdings and the books are organized subject-wise for easy access and quick retrieval.

Classification:

Books are classified according to DDC and catalogued as per AACR2 format. New Books before sending to shelves are first displayed in the “new arrivals” section for 15-20 days and processed afterwards for the usage by students and staff.
Journals:

Library receives 165 numbers of technical journals and arranged area wise in the periodicals section. Library also has access to IEEE, ASCE, ASME, ACM Digital Library, Springer Link, and Science Direct periodicals in Digital form through INDEST Consortium, IIT Delhi.

Catalogues:

Latest catalogues received from various reputed publishers and new release of books and other information is displayed on the notice boards for information of users and to indicate the requirements / additions.

Newspapers:

Library receives 8 English and 6 Kannada Newspapers and 44 magazines, which are displayed in the Reading room.

Library Automation:

The library is automating its services and activities through “LIBSYS” package, which gives search facility, reservation facility among other things for the users. Bar coding of the documents is done and the books will be issued on digital identity card through computer.

4.3 R.N. Shetty Institute of Technology (RNSIT) established in the year 2001, located in Channasandra, Bangalore. It is the brain-child of the Group Chairman, Dr. R.N. Shetty.

The Murudeshwar Group of Companies headed by Sri. R. N. Shetty is a leading player in many industries viz construction, manufacturing, hotel, automobile, power & IT services and education.

The group has contributed significantly to the field of education. A number of educational institutions are run by the R.N.Shetty Trust, with RNSIT one amongst them.

With a continuous desire to provide quality education to the society, the group has established RNSIT, an institution to nourish and produce the best of engineering talents in the country.
Engineering Departments

➢ Computer Science & Engg
➢ Electronics & Communication Engg.
➢ Electrical & Electronics Engg.
➢ Information Science & Engg
➢ Instrumentation Technology

POST GRADUATION COURSES

➢ Master of Business Administration
➢ Master of Computer Applications

Research & Development

➢ Ph. D & M. Sc. (Engg) by Research in:
➢ Instrumentation Technology
➢ Chemistry
➢ Computer Science & Engineering
➢ Master of Business Administration
➢ Electronics & Communication Engineering

RNSIT Library was established during the year 2001 with a collection of 2000 volumes of books. Within a span of 10 years it has grown with a collection of over 21,000 volumes, 80 Journals, 18 Magazines and 13 News papers. RNSIT Library is an automated Library. Books are Bar Coded and students are issued an identity card to transact with the library facilities. Each student will be issued 3 books during regular time and 4 Books are issued during their exams. Journals and Magazines are available to support and enhance their specialization. Both Indian and foreign journals are being subscribed. Our library has been subscribed to the IEEE – IEL Online through INDEST – AICTE consortium by paying Rs. 4 lakhs to support library users project works, technical reports, and R & D works.

4.4 The National Institute of Engineering (NIE), Mysore

The National Institute of Engineering (NIE) was started in the year 1946 with admission only to a diploma course in Civil Engineering. The first batch of 86 students answered their attendance call sitting in a rustic room with thatched roof in Laxmipuram. later, the classes were held in a temporary shed in the Sharada Vilas High School campus. However, the untiring efforts of the retired senior engineer trio, Sri.S.Ramaswamy, Sri.D.V.Narasimha Rao and Sri.T.Rama Rao, the NIE founders, gave fruition when the
NIE was securely established by 1950 with its own class rooms and workshops on a sprawling 6-acre land in Mysore South.

The students, who were preparing for AMIE in Civil Engineering (NIE had started AMIE also in 1948 for intermediate passed students), were permitted to change over to the regular degree course leading to B.E. Degree in Civil Engineering of the Mysore University. Thus, NIE became the second Engineering College in the state and the first in Mysore. In 1958-59, NIE got private-aided institution status under grant-in-aid code of Karnataka Government.

The NIE is being managed by a committee of President, Vice-President, Hon.Secretary and Hon.Treasurer besides six Directors. As per the statute of the AICTE, the Governing Council, which assists the NIE administration, has five NIE Directors, Principal and five nominated

Departments:

- Civil Engg.
- Mechanical Engg.
- Electrical & Electronics Engg.
- Electronics & Communication Engg.
- Industrial & Production Engg.
- Computer Science & Engg.
- PGSCEA(MTech & MCA)
- Information Science & Engg.

Centers of Excellence:

- Center for Renewable Energy and Sustainable Technology
- Center for Material Research
- Center for Energy Management & Test Systems for Electrical Apparatus
- Center for Artificial Intelligence Application to Power Systems
- Building Fire Research Center
- Center for Research and Consultancy

Library and Information Centre

Library and Information Centre, NIE is one of the best engineering college libraries in the state. It started its function with a vision to server the information needs of its users and it mainly holds books related to engineering and allied subjects.
The National Institute of Engineering established its library in 1946, the library collection is about 76000 volumes. The library amazingly rich collection contains Abstracts, Directories, Yearbooks, Biographical sources, Textbooks, Thesis, Dissertations, Encyclopedias and General books including Kannada novels. The library is also subscribing for 57+ technical journals, 30 general magazines and library subscribed full text online database like IEEE, Science direct, ASCE comprising of more than 1000 journals, N-LIST E-resources (Through INFLIBNET), NPTEL facility (National Programme on Technology Enhanced Learning) to access video lectures and Membership of DELNET (Inter library loan) for resource sharing. Digital library with 20 systems to access the E-Journals, E-books, CD/DVD's are available in library.

Library and Information Centre provides uncompromising information and intellectual requirements to its students and faculty with an user-friendly approach. It offers a fully integrated and dynamic environment for conducting academic study. Multiple copies ensure that the resources are easily available in Reference Section and Stock section as well. Besides this, it provides Lending of books and journal back volumes, reservation of books, photocopying, CD/DVD and Internet services, etc.

4.5 M S Ramaiah Institute of Technology (MSRIT), Bangalore has been consistently successful in delivering high quality professional education. To further enhance the level of sustained quality of services rendered, MSRIT decided to develop, institute, implement and monitor Quality Management System (QMS) across the entire organization and accordingly actions were initiated in the year 1999. By 2000 MSRIT was successful in getting its QMS certified for compliance to ISO 9002:1994. With the upward revision of the international standard, MSRIT also upgraded its QMS in the year 2003 and this QMS was certified by BVQI for compliance to the standard ISO 9001:2000.

Fig. 4 Electrical Science Block at MSRIT
In 2009 the QMS was further upgraded and this QMS is now certified by Bureau Veritas for compliance to the new standard ISO 9001:2008

UG Courses

- Architecture
- Biotechnology
- Chemical Engineering
- Civil Engineering
- Computer Science & Engineering
- Electrical and Electronics Engineering
- Electronics & Communication Engineering
- Telecommunications Engineering

Industrial Engineering & Management
Information Science & Engineering
Instrumentation Technology
Mechanical Engineering
Medical Electronics

Post Graduate Courses

- Master of Business Administration
- Master of Computer Applications

Library and Information Centre:

The Library began its existence in 1962. With its modern collection, knowledge resources and innovative information services fills an essential role for Students, faculty and the surrounding community in their intellectual pursuits. It is a Centralized Air Conditioned hybrid library with the state of the art technological applications. It holds knowledge resources predominantly related to Engineering, Technology, Management and allied subjects. The Library collection comprises of 83210 Volumes of Books, 293 National & International printed journals and subscribes to 991 (Full Text) major E-resources through INDEST-AICTE Consortium, New Delhi and nearly 24000 Databases (J-GATE & MATHSCI.NET) through M/s Informatics (India) Pvt. Ltd, Bangalore. In addition there are 2277 Bound volumes of journals.

4.6 Rashtriya Vidyalaya College of Engineering (RVCE), Bangalore was established in 1963 with three engineering branches namely Civil, Mechanical and Electrical, today RVCE offers 12 Under Graduate Engineering programmes, 16 Master Degree
programmes and Doctoral Studies. Located 13 km from the heart of Bangalore City – the Silicon Valley of India, on Mysore Road. Sprawling campus spread over an area of 52 acres set in sylvan surroundings. Provides an ideal ambience to stimulate the teaching-learning process, helping in bringing out skilled and disciplined Engineers. Rated one amongst the top ten self-financing Engineering Institutions in the country. It is located in R.V.Vidyanikethan Post, Mysore Road, Bangalore, Karnataka, India.

Departments

- Architecture
- Biotechnology
- Chemical Engineering
- Civil Engineering
- Computer Science Engineering
- Electrical and Electronics Engineering
- Telecommunication Engineering
- Electronics & Communication Engineering
- Industrial Engineering & Management
- Information Science & Engineering
- Instrumentation Technology
- Mechanical Engineering

Departments of Basic Sciences

- Department of Chemistry
- Department of Mathematics
- Department of Physics

RVCE Library:

The RVCE library consists of a Central library and 12 departmental libraries which collectively support the teaching, research and extension programmes of the institute. All students, faculty members of the institute are entitled to make use of the library facilities on taking library membership. The library, besides having a huge collection of books on engineering, science and humanities offers library services through its various divisions.

The library uses Smart Campus software package which is an integrated multi-user library management system that supports all in-house operations of the library. The Smart Campus consists of modules on acquisition, cataloguing, circulation, serials, article
indexing and OPAC. Retrospective conversion of bibliographic records has been completed and more than 63058 bibliographic records of books available in the library can now be accessed through the Smart Campus OPAC. The database of books available in the library is being updated on day to day basis with details of recently acquired books. The editing and updating activities are in progress.

The Idenizen Smart Campus package has been successfully implemented.

**Bar Code-based Circulation System**

The Smart Campus package has been successfully implemented for the circulation activities, by using the barcode. All the books of library are bar-coded.

<table>
<thead>
<tr>
<th>Resources</th>
<th>Numbers</th>
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<tr>
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<td>72975</td>
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<tr>
<td>Bound Volumes of Journals</td>
<td>2305</td>
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<tr>
<td>Reports/Conference Proceedings</td>
<td>519</td>
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<td><strong>Total Collection</strong></td>
<td><strong>75799</strong></td>
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<tr>
<td>Cd’s</td>
<td>1950</td>
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<tr>
<td>e-books</td>
<td>379</td>
</tr>
<tr>
<td>Current subscription of journals</td>
<td>3492</td>
</tr>
</tbody>
</table>

**4.7 Bangalore College of Engineering and Technology (BIT), Bangalore**

Bangalore College of Engineering & Technology is run by Bangalore Educational Trust, Bangalore, a public charitable trust established this Institution in 2000-2001 at Chandapura, Anekal Taulk, Bangalore with the object of providing education to all in the field of engineering & technology, arts & science, medical and paramedical courses in economically and educationally backward areas.
Courses

B.E Courses

- Computer Science and Engineering
- Electronic and Communication Engineering
- Information Science and Engineering
- Electrical and Electronics Engineering
- Mechanical Engineering
- Civil Engineering

Library and Information Centre: The College has well stocked library to maintain a high standard of academic excellence. The library is having modern furnitures. Foreign and Indian journals and magazines are available in library.

Library Statistics

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Branch</th>
<th>Volumes</th>
<th>Titles</th>
</tr>
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<tbody>
<tr>
<td>1.</td>
<td>Computer Science &amp; Information</td>
<td>5782</td>
<td>657</td>
</tr>
<tr>
<td>2.</td>
<td>Electronics</td>
<td>3020</td>
<td>457</td>
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<tr>
<td>3.</td>
<td>Mechanical</td>
<td>3162</td>
<td>605</td>
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<td>4.</td>
<td>Electrical</td>
<td>2881</td>
<td>350</td>
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<td>5.</td>
<td>Civil</td>
<td>2500</td>
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<td>6.</td>
<td>Maths</td>
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<td>7.</td>
<td>Physics</td>
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<td>8.</td>
<td>Chemistry</td>
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</tr>
<tr>
<td>9.</td>
<td>General</td>
<td>693</td>
<td>180</td>
</tr>
</tbody>
</table>

4.8 Nitte Mahalinga Adyanthaya Memorial Institute of Technology (NMAMIT), Nitte.

NMAM Institute of Technology was established in 1986. The college is affiliated to the Visvesvaraya Technological University, Belgaum and is recognised by the All India Council for Technical Education, New Delhi. It is accredited by the National Board for Accreditation and is certified by the ISO 9001-2000 standards for quality education by KEMA, Netherlands. The institution has been granted Academic Autonomy under the Visvesvaraya Technological University from 2007-08.
The institute offers graduate programs in 7 branches of Engineering – Electronics & Communication Engineering, Computer Science & Engineering, Civil Engineering, Electrical & Electronics Engineering, Information Science & Engineering, Biotechnology and Mechanical Engineering. The college also offers postgraduate programs like, Master of Technology, Master of Computer Applications and Master of Business Administration. Besides these, students can also pursue their doctoral programs at the institute.

Library

The central library of the college has over 52,000 volumes and subscribes to over 250 general and technical journals (both Indian & foreign). The library offers digitised services with CD-ROM stations. The library is equipped with digital library facilities with a subscription to large number of e-journals through INDSET and DELNET and offers online services. Students have access to the e-resources of the library anywhere on the campus over the campus wide network facility.

4.9 East Point College of Engineering and Technology (EPCET), Bangalore

EPCET is a leading institution in Bangalore providing quality education in Engineering and Management. Over 2200 students are in the rolls at various levels of different degree programs like Electronics & Communication Engineering, Computer Science & Engineering, Information Science & Engineering, Mechanical Engineering, Civil Engineering, Electrical and Electronics Engineering and MBA.

Salient Features of EPCET are,

- NBA Accredited Institute.
- 5 R&D Centre in E&C, CS, Mechanical, Mathematics & Chemistry.
- Highly experienced doctorate faculties from IIT, IIM, IISc with wide teaching experience.
- Secured 6th rank in Computer Science Engineering.
- State-of-Art Laboratory
- MOU with Infosys & Wipro to train & place the students.
- Placement in all disciplines.
- Value Added Learning with 5 national companies.
- Excellent in campus hostel facilities for Boys & Girls.
UG Courses

• Electronics and Communication
• Electrical and Electronics
• Computer Science
• Information Science
• Mechanical
• Civil

PG Courses

• Computer Science
• Computer Science (Software Engineering)
• Electronics and Communication (VLSI Design & Embedded Systems)
• Mechanical Engineering (Product Design & Manufacturing)
• MBA - Master of Business Administration.

Library details: Institute has one of the best-equipped resource centres designed to provide support to Engineering, Management, Pharmacy, Nursing and Higher Education departments. The technical library has over 60000 volumes related to all branches of science, engineering and management. International and national journals are available for the students. Handbooks, standard manuals, encyclopedia, technical reports, conference proceedings, etc. are also provided. The most advanced digital library in the campus provides text image and other online collections to scholars and learners. The center libraries are also tied up with consortiums like HELINET, INDEST-AICTE, EDUSAT to fulfill the needs of the teaching faculty, students and research scholars.

4.10 Don Bosco Institute of Technology, Bangalore

Don Bosco Institute of Technology (DBIT) has evolved and encompassed a unique sense of pride in providing excellence in technological and scientific education system in India. Today, institution is proudly recognized as one among the top Ranked Engineering Colleges in Bangalore. The institute has an atmosphere attributing to new research and development areas in pursuit of technological excellence in a highly competitive environment. Established in 2001, Don Bosco provides high level of teaching, research and extension activities in the field of Civil, Mechanical, Technical and Management education, located on a sprawling 36 acres campus in the sylvan South West
suburb of the city of Bangalore in the Kumbalagodu extension on the Bangalore-Mysore highway.

Being one of Bangalore’s best ranked Engineering Colleges, DBIT has excellent infrastructure, imposing buildings with spacious class rooms, and Laboratories with state of the art technology. A vast range of cultural, educational, sports and social activities are available to the students, faculty and its staff. Most importantly, getting involved in campus life is the quickest way to become a part of the College community, and to create one's own DBIT experience. Campus life activities are built around the concepts of encouraging each member to express his or her talents and to respect all members of our society.

DBIT Offers Graduate Degrees in Five Disciplines, Viz

- Computer Science
- Information Science
- Electronics and Communication
- Electrical and Electronics
- Mechanical
- Telecommunication

These are 4 year programs and follow the curriculum offered by Visweshwaraya Technological University (VTU) and is affiliated to All India Council for Technical Education (AICTE). Three of the programs viz B.E. in Computer Science, Information Science and Mechanical are accredited by National Board of Accreditation (NBA).

Library and Information Center:

The DBIT library is named as Dr. Raja Ramanna center for knowledge resources. It offers an excellent collection of books in Engineering and Management studies. The library has more than 17,000 volumes of books of various subjects relevant for upgradation of knowledge in science and technology. The book, journal and reference edition are cataloged for easy access. The library also has internet facility to enable the students to access e-books and e-journal. The library has good collection of CDs.

The library caters to the needs of students and to faculty as well. The library, at present, works between 8 AM to 10 PM on all working days and between 8 AM to 8 PM on Sundays and other holidays.

The library is meticulously developed with recommended books, encyclopedias, dictionaries, handbooks, data books, project reports, and directories, proceedings of
seminars, symposia and monographs. Back volumes of important Indian & International journals are also available to the students.

### 4.11 KLE Society's College of Engineering & Technology, Belgaum

K. L. E. Society's College of Engineering and Technology was established in the year 1979. The college is located in an ideal, congenial and industrial environment on the outskirts of Belgaum city adjoining the Belgaum-Panjim national highway. The campus has an area of 17 acres.

<table>
<thead>
<tr>
<th>Under Graduate Courses</th>
<th>Intake</th>
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<td>Bio-Medical Engineering</td>
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</tr>
<tr>
<td>Bio-Technology Engineering</td>
<td>30</td>
</tr>
<tr>
<td>Chemical Engineering</td>
<td>30</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>120</td>
</tr>
<tr>
<td>Computer Science &amp; Engineering</td>
<td>90</td>
</tr>
<tr>
<td>Electrical &amp; Electronics Engineering</td>
<td>45</td>
</tr>
<tr>
<td>Electronics &amp; Communication Engineering</td>
<td>90</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>120</td>
</tr>
<tr>
<td>Telecommunication Engineering</td>
<td>40</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td><strong>595</strong></td>
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<table>
<thead>
<tr>
<th>Post Graduate Courses (M. Tech.)</th>
<th>Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>Structural Engineering (Civil)</td>
<td>26</td>
</tr>
<tr>
<td>Environment Engineering (Civil)</td>
<td>18</td>
</tr>
<tr>
<td>Design Engineering (Mechanical)</td>
<td>25</td>
</tr>
<tr>
<td>VLSI (E&amp;C)</td>
<td>18</td>
</tr>
<tr>
<td>BioInformatics Engineering (BioTech)</td>
<td>18</td>
</tr>
<tr>
<td><strong>Total:</strong></td>
<td><strong>105</strong></td>
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</table>

<table>
<thead>
<tr>
<th>Post Graduate Courses (MCA)</th>
<th>Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>Master of Computer Applications</td>
<td>60</td>
</tr>
<tr>
<td>Master of Business Administration</td>
<td>60</td>
</tr>
</tbody>
</table>

86
Research Courses
M.Sc. (Engg)
Ph. D. (Civil, E&C, Mech., Maths)

Library and Information Centre:

Library is automated by using EASYLIB-Library management software. It is a multi-user package for effective management of a library from all aspects. Online catalogue of the library and the e-resources can be accessed on the campus network.

The library subscribes to nearly 200 technical periodicals of which about 95 are international; it has also a collection of nearly 3000 back volumes of periodicals.

Online catalogue facility is available to users through intranet. By clicking this link (http://libserver/EPAC/MainPage.aspx) search page is opened for search a library resources.

In addition to this, every department has a separate library provided to student, staff & faculty members for updating their knowledge and supporting the research, teaching and learning activities. The library functions from 8:00 AM to 12:00 PM and during examination time it will open till 04:00 AM.

The library is a member of the INDEST-AICTE Consortium for accessing e-journals. The library is a member of the DELNET, for exchange of books, journals articles for the mutual benefit of the users.

The library offers a variety of services such as:

- Open Access System
- New arrivals list
- Student lending facility
- Book Bank Facility
- Digital Library
- Inter library loan of books
- Reprographic service
- ON-LINE public access catalogue
- CD-ROM data base access
- Multimedia, Video/Audio service
Special Facilities:

1. Air-conditioned digital library facility is available for accessing the online resources of the library.

2. The library offers online catalogue facility to the users through intranet for search of library resources.

3. Old question paper bank facility is available for the reference use.

4. Audio-visual and multimedia facility is available to its users. One section specially designed meant for accessing reference databases, CD’s with books, CD’s with magazines etc. A rich collection of CD’s, Audio, Video cassettes, floppies etc. is arranged subject wise which can be found very easily.

5. The library provides a sufficient and separate room for reading purpose to the faculty members.


7. Photo copying, spiral binding, lamination etc facilities are available.

4.12 Acharya Institute of Technology, Bangalore

The institute was established in 1990. It has 120 acre-Wi-Fi campus the institution is awarded 'Technical campus' status by AICTE. It is non-autonomous institution.

UG Courses

<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Course</th>
<th>Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mechanical Engineering</td>
<td>90</td>
</tr>
<tr>
<td>2</td>
<td>Electrical &amp; Electronics Engineering</td>
<td>60</td>
</tr>
<tr>
<td>3</td>
<td>Electronics &amp; Comm Engineering</td>
<td>90</td>
</tr>
<tr>
<td>4</td>
<td>Computer Science &amp; Engineering</td>
<td>90</td>
</tr>
<tr>
<td>5</td>
<td>Information Science &amp; Engineering</td>
<td>90</td>
</tr>
<tr>
<td>6</td>
<td>Bio-technology</td>
<td>30</td>
</tr>
<tr>
<td>7</td>
<td>Civil Engineering</td>
<td>60</td>
</tr>
<tr>
<td>8</td>
<td>Mechatronics Engineering</td>
<td>90</td>
</tr>
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</table>
PG Courses

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Course</th>
<th>Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MBA</td>
<td>60</td>
</tr>
<tr>
<td>2</td>
<td>MCA</td>
<td>60</td>
</tr>
<tr>
<td>3</td>
<td>Biotech</td>
<td>18</td>
</tr>
<tr>
<td>4</td>
<td>Digital Electronics &amp; Communication</td>
<td>18</td>
</tr>
</tbody>
</table>

Departments Recognised as Research Center are,

- Mathematics
- Mechanical Engg.
- Bio-Technology
- E & C

Central Library:

The college has a central library with EDUSAT programmes, E-learning facilities and Online Public Access Catalog (OPAC) gateway. The central library has more than 65000 collection of books. E-resources are also subscribed and many national and international journals are also subscribed.

The institution has various collaborations with Multinational Corporations and has established various learning facilities like Vasundhara Industrial Automation Learning Center, IBM Software Center of Excellence, Microsoft IT Academy, and Novell Centre of Excellence.

4.13 P.E.S. Institute of Technology, Bangalore:

The institute is Private-Autonomous Institution.

UG Courses

<table>
<thead>
<tr>
<th>Sl.No</th>
<th>Course</th>
<th>Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mechanical Engg.</td>
<td>120</td>
</tr>
<tr>
<td>2</td>
<td>Electronics &amp; Comm. Engg.</td>
<td>120</td>
</tr>
<tr>
<td>3</td>
<td>Computer Science &amp; Engg.</td>
<td>120</td>
</tr>
<tr>
<td>4</td>
<td>Information Science &amp; Engg.</td>
<td>120</td>
</tr>
<tr>
<td>5</td>
<td>Telecommunication Engg.</td>
<td>120</td>
</tr>
<tr>
<td>6</td>
<td>Bio-Technology</td>
<td>120</td>
</tr>
<tr>
<td>7</td>
<td>Electrical &amp; Electronics Engg.</td>
<td>120</td>
</tr>
</tbody>
</table>
PG Courses

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Course</th>
<th>Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Computer Science &amp; Engineering</td>
<td>19</td>
</tr>
<tr>
<td>2</td>
<td>Manufacturing Science &amp; Engg.</td>
<td>18</td>
</tr>
<tr>
<td>3</td>
<td>VLSI Design &amp; Embedded System</td>
<td>18</td>
</tr>
<tr>
<td>4</td>
<td>Automotive Engineering</td>
<td>18</td>
</tr>
<tr>
<td>5</td>
<td>Digital Elct. &amp; Comm. Systems</td>
<td>18</td>
</tr>
<tr>
<td>6</td>
<td>MCA</td>
<td>120</td>
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<tr>
<td>7</td>
<td>MBA</td>
<td>180</td>
</tr>
<tr>
<td>8</td>
<td>BIOINFORMATICS</td>
<td>18</td>
</tr>
<tr>
<td></td>
<td>SOFTWARE ENG</td>
<td></td>
</tr>
</tbody>
</table>

Research Center Departments

- Mechanical Engineering
- MBA
- Electronics & Comm. Eng
- Telecommunication Engg.
- Computer Science & Engg.
- Information Science & Engg.
- Bio-Technology
- Chemistry
- Physics
- MCA

Library and Information Centre

The libraries at PES occupy over 40,000 square feet and provide students with access to a vast repository of resources, including books and periodicals. These peaceful, sunlit areas provide ideal study spaces. The libraries remain open until midnight on all days. During the examinations, they are open 24 hours. Completely automated library management systems make it possible to borrow books at any time of the day or night, as well as make reservations online. Multiple copies ensure that resources are easily available for reference in the library. Trained staff is always at hand to assist students. In addition to these resources, faculty members dynamically upload all their lecture and research notes on the PES Intranet. These are available to the students with the simple keying in of a password.
General Information

Collection

❖ Books
❖ Video Cassettes
❖ Digital Library
❖ Periodicals
❖ Project Reports
❖ Audio Cassettes
❖ Virtual Library
❖ CD Rom’s
❖ Floppies

Systems Used

❖ Classification – Dewy Decimal Classification (DDC)
❖ Cataloguing – Anglo American Cataloguing Rules (AACR 2)
❖ Provision of Web OPAC Information management – Libsoft Circulation Management - Bar coded user cards

Digital Library

The available e-material in the PES digital library can be accessed by logging into the digital library and selecting material category digital library. E-resources pertaining to engineering education are available.

4.14 Cambridge Institute of Technology, Bangalore. It is a Private-Non autonomous institution.

Course Information (UG – B.E / B.Tech / B.Arch)

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Course</th>
<th>Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Electrical &amp; Electronics Engineering</td>
<td>60</td>
</tr>
<tr>
<td>2</td>
<td>Electronics &amp; Comm Engineering</td>
<td>120</td>
</tr>
<tr>
<td>3</td>
<td>Computer Science &amp; Engineering</td>
<td>120</td>
</tr>
<tr>
<td>4</td>
<td>Information Science &amp; Engineering</td>
<td>60</td>
</tr>
<tr>
<td>5</td>
<td>Mechanical Engineering</td>
<td>60</td>
</tr>
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</table>

PG: M.E/M.Tech/M.Arch / MBA / MCA

<table>
<thead>
<tr>
<th>Sl.No.</th>
<th>Course</th>
<th>Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MBA</td>
<td>60</td>
</tr>
<tr>
<td>2</td>
<td>MCA</td>
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### Library Details

<table>
<thead>
<tr>
<th></th>
<th>Library working hours</th>
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</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Library working hours</td>
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</tr>
<tr>
<td></td>
<td>Working Days</td>
<td>8.00 am – 8.00 pm</td>
</tr>
<tr>
<td></td>
<td>Saturdays, Sundays and holidays</td>
<td>8.30 am – 4.30 pm</td>
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<tr>
<td>2</td>
<td>Library Carpet Area</td>
<td>450 + 2800=3250 Sqmts.</td>
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<td>3</td>
<td>Total Seating Capacity</td>
<td>100 Seats</td>
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<td>4</td>
<td>Total No. of Volumes</td>
<td>9131</td>
</tr>
<tr>
<td>5</td>
<td>Total No. of Titles</td>
<td>2543</td>
</tr>
<tr>
<td>6</td>
<td>Total No. of Journals</td>
<td>114</td>
</tr>
<tr>
<td>7</td>
<td>Total No. of National Journals</td>
<td>64</td>
</tr>
<tr>
<td>8</td>
<td>Total No. of International Journals</td>
<td>50</td>
</tr>
<tr>
<td>9</td>
<td>Total No. of E-Journals</td>
<td>47</td>
</tr>
<tr>
<td>10</td>
<td>Total No. of E-Journals in Engineering</td>
<td>32</td>
</tr>
<tr>
<td>11</td>
<td>Total No. of E-Journals in Management</td>
<td>12</td>
</tr>
<tr>
<td>12</td>
<td>Total No. of E-Journals in MCA</td>
<td>03</td>
</tr>
<tr>
<td>13</td>
<td>Total No. of Compact Disks</td>
<td>833</td>
</tr>
<tr>
<td>14</td>
<td>Library Automation Software</td>
<td>Lyceum (All books are bar-coded)</td>
</tr>
<tr>
<td>15</td>
<td>Digital Library</td>
<td>Digital Library has 10 computers with 2MBPS internet connection and Library users can browse the net from morning 8.30 to evening 8.00.</td>
</tr>
<tr>
<td>16</td>
<td>Digital Library Software</td>
<td>DSpace (Open-Source Software)</td>
</tr>
<tr>
<td>17</td>
<td>Resources Available at Digital Library</td>
<td>Previous Year Question Papers, e-Books, related to Engineering, Management, Personality Development, Biographies, Novels, etc</td>
</tr>
</tbody>
</table>

### 4.15 Bapuji Institute of Engineering & Technology, Davangere

Bapuji Institute of Engineering & Technology, Davangere was established during the academic year 1979-1980 with the initiative and foresight of members of Bapuji Educational Association, on approval from Govt. of Karnataka and is duly affiliated to Visvesvaraya Technological University, Belgaum.
BIET has many undergraduate, Post graduate and Research Departments. There are twelve undergraduate courses available. Most of the UG courses have already got accreditation from AICTE, New Delhi, and new departments like Biotechnology, Biomedical, Information Science etc., are going for accreditation now.

BIET has got following post graduate courses.

1. MCA  2. M Tech  3. MBA

The following departments in BIET have been recognised as research centers

- Computer Science and Engineering.
- Mechanical/IP Engineering.
- Textiles Technology.
- Mathematics.
- Environmental Science.

Library and Information Center

The library & information centre is housed in the administrative block of BIET & having two floors including ground floor with a two mezzanine floors, measuring an area of 2850 Sq.m. The library has separate borrowing & reference sections. There are 17 staff members including Librarian are working in the library.

To cater the needs of the staff and students and to have easy access to the library, the books have been classified using Dewey decimal classification system and catalogued on the basis of Anglo American Cataloguing Rules.

Holdings:

Presently library is equipped with 37782 volumes of books, covering all branches of engineering, basic science & general readings. It has adopted open access system and maintains, author, title catalogue to provide multiple access to the stack. It caters to the needs of students, faculty, research scholars etc.

The library provides following services

- Reprographic Services
- OPAC
- News paper clipping service.
- Reference services
- Internet facilities
- CD Rom searching facility
- Member of DEL NET.
- Digital Library facilities
Number of news papers and general magazines are being subscribing to the library. To cope with the power crises the library has a power generator. The library has been renovated in the year 1997.

4.16 UBDT Engineering College Davanagere (Constituent College of VTU)

- Started in the year 1951: College is one of the oldest in the state [64 years old].
- Runs 7 UG and 8 PG Courses.
- Four disciplines are accredited by NBA.
- Identified as a Networking Institution under TEQIP project of WORLD BANK.
- Recognised as Research Center by Kuvempu University.
- Has a Science & Technology Enterpreneur's Park set up by Govt. of Karnataka.
- Intake of students is according to merit and reservation policies of the State Govt. through CET

Library:

The College library has about 45,00 volumes comprising of text books, Data Books and Code Books of I.S.I. Standard. Around 7,000 Books are placed in the students reference section.

4.17 NITTE Meenakshi Institute of Technology (NMIT), Bangalore

Nitte Meenakshi Institute of Technology (NMIT) is an autonomous institution affiliated to the Visvesvaraya Technological University (VTU), with the concurrence of VTU / Govt. of Karnataka / UGC and Accredited by AICTE, Govt. of India. NMIT is the youngest Engineering College to be conferred the prestigious Autonomous status by VTU / State of Karnataka/UGC. NMIT is the only unaided private engineering college in Karnataka state selected by Govt. of India for world bank funding under TEQIP (Technical Education Quality Improvement Program)

The institute runs following courses.

**Bachelor of Engineering (BE) Courses**

- Electronics and Communication Engineering [120]
- Computer Sciences and Engineering [120]
- Electronics and Electrical Engineering [60]
- Mechanical Engineering [120]
- Information Science and Engineering [60]
- Civil Engineering [60]
- Aeronautical engineering [60]

**Master of Technology (M.Tech) Courses**

- VLSI and Embedded Systems
- Computer Science and Engineering

**Master of Computer Application (MCA)**

**Library and Information Center:**

The college has a library and information center comprising of central library along with departmental libraries which collectively support teaching, research and extension activities of the institute. Central library has a comprehensive collection of books, journals, predominantly related to engineering, basic sciences, management, allied and general subjects to cater to user’s needs.

Library & information centre has a collection of variety books, periodicals, audio / video CD-ROMs. The library book collection exceeds 30,000 volumes consisting of 11000 titles and subscribes to more than 529 national & international journals. Library activities are completely automated and all transactions take place through bar-coded technology. The library is kept open from 8.30AM to 8.30 PM during working days and 10AM to 2PM on Sundays & holidays. The library area covers more than 1000 Sq. Mtrs and has a seating capacity for more than 250 readers/users at a time.

**Special Features:**

- Classification System- Dewey Decimal Classification (DDC)
- Computerized Library Management- Easylib Software
- Circulation Management – Bar coded user cards & Books
- OPAC Search facility for readers.
- Reprographic services.
- Inter-Library Loan (ILL) facility with IISc, NAL and British Council Library, Bangalore.
• Users can access E-learning courseware such as video lectures, lecture notes of Evidya and INTEL-Tidal data technology enabled, open courseware (OCW) of MIT, Berkely, Stanford Universities and NPTEL (National Programme for Technology Enhanced Learning), are also enabled.

Collections

<table>
<thead>
<tr>
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<th>Numbers</th>
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<td>2)</td>
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<tr>
<td>4)</td>
<td>International Journals</td>
<td>312</td>
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<tr>
<td>5)</td>
<td>Technical Magazines</td>
<td>14</td>
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<tr>
<td>6)</td>
<td>Back Volumes</td>
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<tr>
<td>7)</td>
<td>Conference Proceedings</td>
<td>100</td>
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<tr>
<td>8)</td>
<td>CD-ROMs</td>
<td>1500</td>
</tr>
<tr>
<td>9)</td>
<td>E-Learning course materials</td>
<td>1000</td>
</tr>
</tbody>
</table>

Digital library

IEL Online:

The IEEE/IEE Electronic Library (IEL) covers 219 Current Journals, primarily in Electrical, Electronic, Computer Science fields. In addition it also provides access to back numbers of all these titles which dates back to 1980s. The number of articles in this range of Journals would be more than a Million. It also covers all conference proceedings and more than 1600 IEEE Standards. More than 25,000 pages are added every month. The IEL Online also provides special services like the advanced Table of Contention selected topics Customized to user subject profiles. www.ieeexplore.ieee.org

NPTEL:

National Programme on Technology Enhanced Learning is a joint initiative of IITs and IISc which is a curriculum based video and web courses for Engineering Education and made freely available on web. nptel.iitm.ac.in
Online Journals:

The following sites deal with all subjects and branches giving Free access to Full text articles.

- Highwire.stanford.edu/lists /freeart.dtl
- Free Full Text Journals
- J-GATE
- Online SAGE Journals
- DOAJ (Directory of Open Access Journals)
- NISCAIR Online Periodicals
- Indian Academy of Science

4.18 Siddaganga Institute of Technology (SIT), Tumkur

The Siddaganga Institute of Technology (SIT), Tumkur, is one among the 130+ educational institutions run by the Sri Siddaganga Educational Society. It was established in the year 1963 starting with three courses leading to Bachelor of Engineering in Civil, Mechanical and Electrical Engineering, and is now offering undergraduate degree courses in 12 disciplines. In addition it also runs post-graduates programmes in 7 disciplines, including MBA and MCA Courses. It has nearly 4000 students pursuing the above courses with faculty strength of about 273. The institute is affiliated to Visveswaraya Technological University, Belgaum and has granted permanent affiliation to SIT.

Fourteen Engineering Colleges come under the Technical Education Quality Improvement Programme (TEQIP) of World Bank Project. This institute is one of them. As per the TEQIP these institutions administered by the Government of Karnataka and are granted Academic Autonomy from the Year 2007-08. From the academic year 2007-08 the 1st Semester is run under the autonomous status. Its undergraduate courses are accredited by the National Board of Accreditation (NBA), an Autonomous body of the All India Council of Technical Education (AICTE), New Delhi.

The Institute is spread over 65 Acres with greenery all over and has a sprawling play ground for indoor and outdoor games such as Football, Hockey, Cricket and Basketball. It has 8 Hostels that accommodate nearly 2000 students.

The Sri Siddaganga Educational Society (SSES), Tumkur, the parent body of the SIT, is also running more than 130 Educational Institutions in overall Karnataka and revered His Holiness Dr. Sree Sree Sivakumara Swamiji of Sree Siddaganga Mutt, is its
President and Sree Sree Siddalinga Swamiji, is the Vice President of SESS and the Junior Swamiji of the Mutt.

The Institute has seventeen teaching departments, offering twelve under-graduate and seven post-graduate programmes, including the dept. of placement and training, the dept. of library and the dept. of physical education and the SIT Group of Hostels, offer other supporting services and facilities.

**Library and Information Centre**

The library, centrally located in the campus, is housed in two independent 3-storeyed buildings having a plinth area of 1500 Sq Mts. The library building was built by a donation from Sri T.N. Kempahonnaiah, a philanthropist of Tumkur. The library is having a collection of 70,000 volumes that includes 25,000 volumes under the Book Bank and about 7600 volumes under SC/ST Book Bank. The collection includes reference works such as Dictionaries, Encyclopedias, Hand Books and Standards. Nearly 3500 student project dissertations are also housed in separately in the library. The library has a stock of 1000 CDs, DVDs and Floppy Disks of books and Technical Periodicals and other Audio Visual resources.

The library subscribes to nearly 200 Technical Periodicals of which about 90 are international; it has also a collection of nearly 3000 back volumes of periodicals.

The library is also subscribing to full text electronic journals through INDEST-AICTE Consortium. Library is also member of IEEE, ACM, ASME, ASCE, ISA and other Electronic versions of Journals. Library has also subscribed to BITES - E- brary which consists of over 23,000 electronic books. The library has membership with reputed libraries in Bangalore, like British Library, NAL Library, IIMB Library and CMTI Library by which students and faculty can avail the reference services offered by the above libraries.

The seating capacity of the library is 450 users at a time and also two separate AC reading halls of a capacity of 150 users. The library is computerised with WEB-enabled library software which facilitates within and outside campus accessed to library catalogue. The software has a facility for barcoding for inventory and circulation control.
4.19 Sri. Dharmasthala Manjunatheshwara College of Engineering and Technology (SDMCET), Dharwad

SDM College of Engineering & Technology, Dharwad of Karnataka is totally managed by Sri. Dharmasthala Manjunatheshwara Educational Society, Ujire (D.K) registered under the leadership of revered Dr. D. Veerendra Heggade, Dharmadhikari of Shrikshetra, Dharmasthala, as its President. Over the years, the society has created in excess of fifty different establishments and organisations devoted to service of mankind in several parts of Karnataka and continue to engage and grow in this noble activity. This College was established in December 1979 with only 3 under graduate programs such as Civi Engineering, Mechanical Engineering and Electrical & Electronics Engineering has today 11 academic departments to its credit. The college has obtained accreditation by the National Board of Accreditation [NBA] New Delhi, for all its 7 B.E Programs operated today. The institution which has grown in stature to one of the nationally acclaimed premier institutions for technical education in India has also been running four Post Graduate Programs such as M. Tech. (Digital Electronics), M.Tech (Engineering Analysis & Design), M.Tech. (Computer Aided Design of Structures). Since four years, a QIP masters program in Computer Science and Engineering (sponsored by VTU,Belgaum) is also operated from the college. Very recently, the college has taken an attractive and inspiring ambience due to several college developmental works inclusive of modernization of its main administrative block.

Central Library

The Knowledge & Learning Resource Centre acts a resource hub of the college and renders information services to its users. The state of art facility of the centre gives a good ambience for self learning. The centre is building resources in Sciences and Engineering as a core area, in different formats to tune with institutional Information needs.

The total collection of the centre is over 60000 plus printed volumes and an extensive range of high quality electronic resources. The totally automated services are accessible on the Campus wide network (24x7) through centers web pages. The web page of the centre provides comprehensive information about library resources and services. The links to electronic resources that library subscribe are provided for the benefit of staff and students. The centre is member of INDEST. The centre is constantly involved in
selecting and giving links to web resources available freely on the web, which enables users, to get updated with latest information. The role of the centre is to provide access to the information resources required by members of the college for research, learning and teaching.

There is a wealth of material to support learning and research. EPAC (e-catalogue) helps to guide the members to access to these resources available in the centre. Digital Library helps to access all digital content and e-resources of the centre accessible on the campus wide network. It also supports e-learning to the students. The virtual reference desk will help the users for any queries and enquiries. Student plus database is institute repository which can be accessible in the campus. Guidance and assistance is available from any member of library staff.

4.20 Malnad College of Engineering (MCE), Hasan

Malnad College of Engineering (MCE) is an engineering college located in Hassan. It was established in 1960, during the second 5 year plan of India, as a joint venture between the Government of India, Government of Karnataka and the Malnad Technical Education Society, Hassan. The institution is affiliated with the Viswesvaraya Technological University Belgaum.

The college is built on a campus of about 44 acres and is a technical education center. The college has earned the ISTE award as one of the best engineering colleges in the country, in 2007.

Academic units and programs

MCE offers undergraduate Bachelor of Engineering (B.E) programmes in nine disciplines, namely:

- Automobile Engineering
- Civil Engineering
- Computer Science and Engineering
- Electrical and Electronics Engineering.
- Electronics and Communication Engineering
- Industrial and Production Engineering
- Instrumentation Technology
- Information Science and Engineering.
- Mechanical Engineering
PG Courses

- Digital Electronics and Communication Systems (DECS)
- Computer Applications in Industrial Drives (CAID)
- Computer Aided Design of Structures (CADS)
- Electrical Energy Systems (EES)
- Industrial Automation and Robotics (IAR) and
- MCA (Master of Computer Applications)

Library

The college has a library with 65,000 volumes. An issue section and a reference section form the main components of the library. The library subscribes to national and international journals in print and on-line versions. All engineering departments have their own libraries. The library has a computer centre to provide access to the internet and online journals. It is a member of INDEST consortium, IEEE AMD ASME.

4.21 Poojya Dodappa Appa (P.D.A.) College of Engineering, Gulbarga

The PDA College of Engineering or Poojya Dodappa Appa College of Engineering is located at Gulbarga in the state of Karnataka. The college was established in 1958 by the Hyderabad Karnataka Education Society. The college offers courses in ceramic and cement technology, one of the few in India. The Under-Graduate course in Electronics and communications engineering was started in the year 1967, the first to be started in the entire Karnataka State. Now institute has 11 UG and 8 PG courses.
The College offers the following graduate and postgraduate courses.

Courses

Bachelor of Engineering (aided)
- Civil
- Mechanical
- Electrical
- Electronics and Communications
- Industrial and Production Engineering

Bachelor of Engineering (non-aided)
- Computer Science
- Information Science and Engineering
- Automobile
- Instrumentation
- Cement and Ceramic
- Architecture

Master in Engineering
- Power Electronics
- Thermal Power
- Environmental
- Structural
- Production
- Computer Science
- Communication Systems
- Bio Medical Instrumentation

Library

The mission of the central library is to provide information service and access to bibliographic in order to support the institute march towards its vision. It strives to provide information to faculty and students so as to meet their expectations. It has barcode reading facility and well equipped with modern facilities such as Micro Film Reader, Audio Visual Video Cassettes. A separate facility for access of E-Journals is also available in the library. Under INDEST consortia, the faculty and students are able to access about 250 online journals. Through DELNET the students can access the Library facilities of many reputed organizations. It has 80000 collections of books.

The new library building is built with funds provided under TEQIP, which also includes a digital library. It is completely automated and has the right environment for the students to read and gain information.
4.22 Dayananda Sagar College of Engineering (DSCE), Bangalore

It is started in 1979, was founded by Sri R Dayananda Sagar. It is located on 32 acres of land in Bangalore South. Research programmes sponsored by AICTE, AR&DB, KSCST are undertaken. The college organizes seminars, workshops, teaching talks, sports and extracurricular activities.

The College offers the following graduate and postgraduate courses.

**Undergraduate Courses:**
- Civil Engineering
- Mechanical Engineering
- Electrical & Electronic Engineering
- Electronics & Communication Engineering
- Chemical Engineering
- Instrumentation Technology
- Industrial Engineering and Management
- Computer Science
- Telecommunication Engineering
- Information Science
- Medical Electronics
- Architecture (5 years)

**New Programs**
- Bio Engineering
- Automobile Engineering

**PG Courses**
- Civil Structural Engineering (M.Tech)
- Mechanical Design Engineering (M.Tech)
- Electronics
  1. VLSI Design (MTech)
  2. Digital Electronic Communication (MTech)

**Doctoral Programs**
- Ph.D / M.Sc by Research

**Central Library**

Serves all the reference and study needs of students in the campus. 40,000 volumes in this library represent a good and well-researched collection of top quality...
books. Technical journals representing a wide range and from all parts of the world are well stocked with early back reference indexing facility. The library annex is more modern and ensures new features adding more space and gives an added ambience. Computers with hi-speed internet facilities and photocopying facilities make up for good add on features in the library complex that is manned by professionally qualified librarians.

4.23 M V Jayaraman (MVJ) College of Engineering, Bangalore

It is located in white field, Bangalore. Established in 1982, the MVJ College of Engineering, the flagship of Venkatesha Education Society, imparts education beyond engineering and management. Situated on a 15-acre campus in Whitefield, Bangalore, MVJCE has state-of-the-art infrastructure, creating an environment for progressive learning and development.

The College offers the following graduate and postgraduate courses.

UG Courses

- Aeronautical Engineering
- Biotechnology
- Civil Engineering
- Chemical Engineering
- Computer Science & Engineering
- Electronics & Comm. Engineering
- Electrical & Electronics Engineering
- Information Science & Engineering
- Industrial Engineering & Management
- Mechanical Engineering
- Medical Electronics
- Telecommunication Engineering
PG Courses

- Aeronautical Engineering.
- Thermal Power Engineering
- Digital Electronics and Communication
- Computer Science and Engineering
- MBA
- MCA

Central Library

Spread over 17,000 sq ft, the Central Library houses over 50,000 books and subscriptions to over 120 national and international journals. The Library also subscribes to more than 200 e-Journals through the INDEST-AICTE Consortium – IEL. Support systems include full automation of library, a conference hall, media centre, and sections for stocks, reference materials, and an issuing section with advanced computers and other peripherals.

4.24 St. Joseph Engineering College, Mangalore

Being a unit of the Catholic Diocese of Mangalore, it is the only Catholic engineering institute in Karnataka. SJEC is affiliated to Visveswaraiah Technological University Belgaum and approved by the AICTE, New Delhi and Karnataka State Government in 2002. It offers undergraduate and postgraduate courses in Engineering, Masters in Business Administration and Masters in Computer Application.

The College offers the following graduate and postgraduate courses.

B.E. Degree courses:

- Mechanical Engineering.
- Electronics and Communication Engineering.
- Electrical and Electronics Engineering.
- Computer Science and Engineering.
- Information Science and Engineering.

Postgraduate level:

- Masters in Business Administration.
- Masters in Computer Application.
- Masters in Technology in Mechanical Engineering.
Central Library

Central library is one of the central support services of SJEC, Mangalore. The library is an essential component of the Institute's outstanding technical education and research. It is a most lively place on the campus providing a safe, comfortable and pleasant environment that enables learning and advancement of knowledge and promotes discovery and scholarship. The mission of the library is to serve as a user friendly resource centre by incorporating latest technology.

The Library has a collection of over 30000 publications which include books, bound volumes of journals, reports and Government publications, covering a wide variety of subjects. It has a rich collection of about 158 technical journals. It has a collection of 2500 CD-ROMS on books and journals. It has access to over 453 journals in full text, in e-form from INDEST-AICTE Consortium. Library is also an active member of DELNET.

E-Resources

IEL

The IEEE/IEE Electronic Library (IEL) covers almost one third of the world’s current electrical engineering and computer science literature, providing unparalleled access to publications from the Institute of Electrical and Electronics Engineers (IEEE) and the Institution of Electrical Engineers (IEE). The resource covers more than 950,000 documents from over 12,000 publications, including 219 journals, transactions, magazines, conference proceedings and IEEE Standards. More than 25,000 new pages are added per month. It provides access to more than two million full-page PDF images, including all original charts, graphs, diagrams, photographs and illustrative material. http://www.ieeexplore.ieee.org

ASME

The American Society of Mechanical Engineers (ASME) is a nonprofit educational and technical organization serving worldwide community of mechanical engineers. The ASME conducts one of the world’s largest technical publishing
operations. The society holds more than 30 technical conferences and 200 professional
development courses each year. The ASME promotes and enhances the technical
competency and professional well-being through quality programs and activities in
mechanical engineering better enable its practitioners to contribute to the well-being of
humankind through its publications that include more than 20 journals. The ASME
subscription through INDEST Consortium also covers Applied Mechanics Review.
http://www.asme.org

EMERALD

• More than 3,000 university libraries worldwide subscribe to Emerald journal
collections.

• Emerald journals and collections are bought by many of the world’s leading
corporations, governments and public bodies.

• Offices in Beijing, Delhi, Tokyo, Boston and Kuala Lumpur.

• Encouraging research excellence in management through the Outstanding
Doctoral Research Awards, in collaboration with the European Foundation for
Management Development (EFMD).

• Encouraging global scholarship through partnerships and research awards with
CLADEA (Latin America), IAABD (Africa), CEEMAN (Central and Eastern
Europe), BMDA (Baltic region), AACS (Americas) and the Global Foundation
for Management Education (GFME).

• 98 of the world’s top 100 business schools (listed by the 2006 Financial Times
MBA school rankings – FT 100) subscribe to Emerald titles.

• All of Emerald research journals are peer-reviewed to ensure the highest quality.

• Publishing with Emerald gives the widest dissemination of any scholarly publisher
in our field, with nearly 2 million average monthly downloads (2007 figures).
http://www.emeraldinsight.com
DELNET

DELNET was started at the India International Centre Library in January 1988 and was registered as a society in 1992. It was initially supported by the National Information System for Science and Technology (NISSAT), Department of Scientific and Industrial Research, Government of India. It was subsequently supported by the National Informatics Centre, Department of Information Technology, Ministry of Communications and Information Technology, Government of India and The Ministry of Culture, Government of India.

DELNET has been established with the prime objective of promoting resource sharing among the libraries through the development of a network of libraries. It aims to collect, store and disseminate information besides offering computerized services to users, to coordinate efforts for suitable collection development and also to reduce unnecessary duplication wherever possible. Central library is the active member of DELNET. http://www.delnet.nic.in/

EPAC

EPAC is a web-enabled search engine that can be accessed on Intranet, as well as on Internet. EPAC can be used to browse/search for an item (book/non-book), along with its details and the availability, in a particular library.

EPAC Provides:

- Search for catalogue of books, journals and non book materials by Author, Title, Subject, Keyword, Publisher and Accession No. Call No. wise for members on a network environment.
- Provides list of new arrivals to the library.
- Provides information on items borrowed/reserved by the members.
- Provides facility to submit request for a new item

Link to EPAC is given in the intranet of the institute which is accessible throughout the campus.
Moogambigai Charitable and Educational Trust was established in the year 1992 with the sole objective for starting institutions of higher education of exemplary stature in the state of Karnataka. Moogambigai Charitable and Educational Trust, was established in the year 1992 by respected Chairman Sri A.C. Shanmugam, with the sole objective for starting institutions of higher education for exemplary stature to serve the people of Karnataka.

The College offers the following graduate and postgraduate courses.

UG Courses

- Computer Science & Engg.
- Mechanical Engineering
- Bio Medical Engineering
- Civil Engineering
- Aeronautical Engineering
- Electronics & Communication Engineering

Central Library

The College Library has excellent collection of 2312 Volumes on its shelves costing over Rs 9.2 lakhs. It subscribes online e-Journals through INDEST-AICTE Consortium ASCE, ASME and IEL. The college has a separate library block, it covers 650 sq.meters in 3 section with separate lending, reading, reference section along with Multimedia and browsing section. Library is equipped with 11 Nos. of Pentium–IV computers and one dedicated server; all networked with NEWZENLIB software, internet facility is 24 X 7 hrs with the type of connectivity leased line of capacity 6 Mbps, firewall protected and permitted only to browse websites like e-resources.
### Library Statistics

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Branch-wise Break-up</th>
<th>Titles</th>
<th>Volumes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Under - Graduate</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1.</td>
<td>Civil Engineering</td>
<td>177</td>
<td>1200</td>
</tr>
<tr>
<td>2.</td>
<td>Mechanical Engineering</td>
<td>390</td>
<td>1770</td>
</tr>
<tr>
<td>3.</td>
<td>Electronics &amp; Communication Engineering</td>
<td>435</td>
<td>1652</td>
</tr>
<tr>
<td>4.</td>
<td>Computer Science &amp; Engineering</td>
<td>388</td>
<td>1462</td>
</tr>
<tr>
<td>5.</td>
<td>Aeronautical Engineering</td>
<td>69</td>
<td>244</td>
</tr>
<tr>
<td>6.</td>
<td>Bio Medical Engineering</td>
<td>56</td>
<td>149</td>
</tr>
<tr>
<td>7.</td>
<td>Science Humanities</td>
<td>258</td>
<td>1771</td>
</tr>
<tr>
<td>8.</td>
<td>General Books</td>
<td>42</td>
<td>204</td>
</tr>
<tr>
<td>9.</td>
<td>Electrical &amp; Electronics Engineering</td>
<td>156</td>
<td>706</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>1971</strong></td>
<td><strong>9161</strong></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Science and Humanities</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics</td>
<td>49</td>
<td>333</td>
</tr>
<tr>
<td>Chemistry</td>
<td>96</td>
<td>497</td>
</tr>
<tr>
<td>Mathematics</td>
<td>113</td>
<td>941</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>258</strong></td>
<td><strong>1771</strong></td>
</tr>
</tbody>
</table>

### 4.26 Basaveshwar Engineering College, Bagalkot

The **Basaveshwar Engineering College** was started in the year 1963 offering bachelor degrees in Civil, Mechanical and Electrical Engineering affiliated to Karnataka University, Dharwad. At present it offers the degree programs in ten disciplines and five post graduate programs. The College is a Government aided institution affiliated to Visveswaraiah Technological University, Belgaum in Karnataka and approved by All India Council for Technical Education, New Delhi. College campus is well laid on an elevated stretch of land of over 100 hectares on the outskirts of the city and is adjoining to New Bagalkot town. The college has an administrative block, Lecture hall complex, various departmental buildings, Library, hostels, staff quarters, cafeteria, etc. An auditorium and a conference hall with seating capacities of 350 and 100 respectively are
on the campus green and cheerful. Human Resource in the college comprises of qualified and dedicated staff.

**UG Courses Offered.**

- Civil Engineering
- Mechanical Engineering
- Electrical & Electronics Engineering
- Computer Science & Engineering
- Industrial & Production Engineering
- Biotechnology
- Electronics & Communication Engg.
- Automobile Engineering
- Instrumentation Technology
- Information Science & Engineering

**PG COURSES:**

- Structural Engineering
- Environmental Engineering
- Geotechnical Engineering
- Production Technology
- Energy Systems
- MCA, MBA
- Machine Design
- Digital Communication
- Computer Science & Engineering
- Power & Energy

**Library**

The library is housed in a spacious building of plinth area of 1300 sp meters. At present, it has a collection of over 52,000 volumes related to all the branches of Science and Engineering. A large number of National (74) and International (106) journals and magazines are subscribed. Special volumes like Handbooks, Standard books, Manuals, Encyclopedias, Technical reports, ISTE Learning Materials, Project Reports, Non-Book materials and Conference Proceedings are also available to the students and teachers. The centre provides services to the users through separate section like circulation, Reference, Journal Section and Book-Bank for SC/ST students. The Library and Information Center has computerized its activities and provides the services like lending, over night issue and OPAC facility through touch screen monitor. Digital library services are also provided.
The Karnatak Law Society's Gogte Institute of Technology (GIT) was established in the year 1979 with a liberal financial donation by the Late Shri Raosaheb B. M. Gogte, a noted Industrialist and philanthropist.

The Institute started with undergraduate courses in three Engineering disciplines with a total intake of 180 and total staff strength of 16. Now, it offers under graduate courses in eight disciplines, postgraduate studies in five disciplines, Research and Ph.D. programmes in 8 discipline, Master’s course in Computer Applications and Master of Business Administration. The institute has seen a phenomenal growth in students strength from meagre 180 in 1979 to 3500 plus in the academic year 2011-12. The total staff strength has grown manifold from 16 in 1979 to 400 plus today.

**Academic Departments**

- Architecture
- Civil Engineering
- Mechanical Engineering
- Electrical & Electronics Engineering
- Electronics and Communication Engineering
- Industrial and Production Engineering
- Computer Science and Engineering
- Information Science and Engineering
- Master of Computer Applications
- Master of Business Administration
- Department of Chemistry
- Mathematics
- Department of Physics
Central Library

The college has an excellent Library which is housed in a specious building with all modern facilities. It contains a well classified and extensive collection of books. It has 70,116 volumes and 19,590 titles on its shelves fulfilling the curricular needs of the undergraduate and postgraduate students. The Library is completely automated. All the books are bar coded.

The Library receives 234 national and international journals and periodicals on various branches of engineering and allied subjects. It also subscribes online journals from AICTE INDEST Consortium. The Library is complemented by the IEEE Students' Chapter Library which subscribes to all the IEEE Journals and

Library Facilities

❖ Separate Library Building with all modern facilities.
❖ Reading Hall is kept open for 24 Hours.
❖ Digital Library where Staff and Students can access On-Line Books and Periodicals.
❖ On-Line Journals from AICTE INDEST Consortium.
❖ DELNET On-Line Journal Facility.
❖ E-books facility hosted by BITES accessible to Staff and Students.
❖ Reprography Facility.

4.2 Chikka Muniappa Reddy (CMR) Institute of Technology, Bangalore

CMR Group of Institutions is a tribute to Sri Chikka Muniappa Reddy, a Visionary with a practical mission. Sri Reddy’s Commitment to the society will only find a rare parallel. He believed that education is a catalyst to the growth and development of
any society; and the quality education must be an integral to everybody. It is this vision that led to the birth of CMR Jnanadhara Trust and through it a number of institutions ranging from montessori to post graduate courses, engineering, education, law and paramedical courses are running.

**UG Courses**

- Computer Science
- Information Science
- Electronics & Communication
- Telecommunication
- Civil Engineering

**PG Courses**

- Computer Applications
- Business Administration
- Digital Electronics
- VLSI
- Digital communication and Engg
- Computer Science & Engg
- Computer Networks and Engg

**Library**

The CMRIT Library is a fast developing center of information. Apart from a number of Text Books and Reference Books, it provides students with National and International Journals. Videos and CD-ROMs. Library has set up IEEE Student Branch in the Academic Year 2004-2005. At present 4 Faculty Members and 30 Students have joined IEEE. Library has also subscribed 38 International Journals from IEEE. Library has Institutional Membership of Delnet, which provides on line access to the various Databases to facilitate the students and staff members for their research and other knowledge management. Resource centre has Digital Library Facilities, where the students and staff members can access information through Intranet and Internet. Library has developed an exclusive Interface to access digital library information. The center developed the digital collection through Greenstone Digital Library Software. CMRIT Library is completely automated with "Libsoft", a Bangalore based software. All the books and Membership cards have been barcoded. The Library Collection is as follows:
• MBA Books
  No of titles: 616 and No of Volume: 3070

• MCA Books
  No of titles: 437 and No of Volume: 2007
  MCA Journals- National: 8 International: 4

• Engineering Books:
  No. of titles – 2464 and No of Volumes – 9216
  No of Technical + IEEE Journals 97
  No. of Compact Discs - 799

• Seating capacity of the Library - 325

4.29 Bahubali College of Engineering Shravanabelagola, Channarayapattana (Tq), Hassan District, Karnataka

The College:

The Institution Bahubali College of Engineering (BCE) was established during 1997 by His Holiness Jagadguru Karmayogi Swasthisree Charukeerti Bhattarakaswamiji, the Chairman of the S.S.D.J. Jnana Prasaraka Sangha which is running Educational Institutes from Primary education to Graduate level in various disciplines /
fields of study. It has gained experience and endeavors to produce bright young men and women for the millennium with excellence in technical knowledge. The BCE-Shravanabelagola has been recognized by the Government of Karnataka and approved by the All India Council for Technical Education (AICTE) New Delhi and it is affiliated to the Visvesvaraya Technological University (VTU), Belgaum. The institute has been conferred a Jain Religious Minority Status. It is an unaided institution

UG Courses.

<table>
<thead>
<tr>
<th>Branches</th>
<th>Intake</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Science and Engineering</td>
<td>60</td>
</tr>
<tr>
<td>Electronics and Communication Engineering</td>
<td>60</td>
</tr>
<tr>
<td>Mechanical Engineering</td>
<td>60</td>
</tr>
<tr>
<td>Information Science and Engineering</td>
<td>60</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>60</td>
</tr>
</tbody>
</table>

Library:

Serves all the reference and study needs of students in the campus. 54,000 volumes in this library represent a good and well-researched collection of top quality books. Technical journals representing a wide range and from all parts of the world are well stocked with early back reference indexing facility. The library annex is more modern and ensures new features adding more space and gives an added ambience.

4.30 East West Institute of Technology, Bangalore

East West Institute of Technology (EWIT), the fairly young and yet the proud limb of EWGI, which took birth in the year 2001, snatches the limelight as a marvel for its reputation in the realm of technological education. Following courses are offered in the institute.
**UG Courses**

- Computer Science and Engineering
- Electronics and Communication Engineering
- Information Science and Engineering
- Mechanical Engineering
- Civil Engineering
- Civil Engineering
- Geotechnical Engineering

**PG COURSES**

- Digital Electronics
- Computer Science
- Machine Design
- Civil Engineering
- Geotechnical Engineering

**Library**

On the tastefully arranged racks of the spacious library, with state of the art furniture, are required number of text books, reference books, reputed journals-both national and international, and CD ROMS. There are over 13,000 text/reference books and over 4000 e-journals accessible to staff & students.

**4.31 Conclusion:**

The library and information services should aim at promoting learning and teaching process, research and to certain extent help widen the dissemination of information content of their libraries. For this purpose they should do the following:

- Acquisition of relevant scientific, technical and socioeconomic literature, cataloguing and classification;
- Maintenance of an up to date catalogue;
- Preparation of current awareness lists. Brief description of documents;
- Compilation of retrospective bibliographies;
- Procurement and maintenances of microfilms, patents information, reprints, trade catalogues etc. industrially important products and service relevant to the region;
- Providing reprography services.
- Maintenance of good project files in their respective project sites as well as in library.
7. Liaison with other professional colleges and institutions for exchange of technical documents.

8. Organization of seminars and symposia to promote recently acquired literature and resurgence of old literature.

9. Identify national information transfer centers for exchange of information in different branches of engineering, whose function is to.

Information services have to overcome several obstacles with regard to flow of information. Professionals in the construction field often show a lack of interest in technical studies, documentary research, and economic analysis because they are absorbed in day to day problems or the lack of the necessary time. Furthermore, data processing tools and data-dissemination and micro editing equipment have not reached full efficiency. Sometimes data collection and information flow procedures tend to become end in themselves, although they are only the means to get deluged in the confusion of presentation in listings. Finally, we may say that engineering information has its own special components. They are yet to be handled in greater dexterity by the information science experts. Drawings and audiovisual aids and others to be promoted for efficient and effective transfer of information.

In conclusion, we may say new concepts and techniques in the many fields that contribute to the improvement of engineering of all types – Civil, Mechanism, Military and Social – are rapidly growing. The Engineering Education cannot be stagnant. It has to absorb the changes in an exhilarating manner. They are the vanguards of human development and better standards of living. The library and information center can only act as a catalyst of such growth. In this process of development of human resources, in the words of Dr. S. R. Ranganathan, “Education is not equal to memory training; but is equal to training for use of externalized memory, which requires library work at the school and college. Education is not equal to: Mass lecturing, absorbing the same field of knowledge; and learning by all at uniform speed; but is equal to: individual instruction, varying the field of knowledge for study with the individual and learning by each at his own speed which requires library work at school. Education is not equal to: Passive, partial, transitive, inhibiting antisocial process; but is equal to: Active global, experimental, creative but socializing process, which requires library work at school and college”.

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References:

1. Brad Field (V J) librarians or academics? (Aslib proceedings 29; 1977; 133-42)


4. Wilson (T D) on user studies and information needs, (journal of documentation 37; 1981; 3-15)
