

Library Automation Software

High Values

Profile Dossier

Prepared for

Swamy Vivekanandha Medical College Hospital & Research Institute, Tiruchengode

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Designed, Developed, Licensed, Implemented, Serviced & Supported by

M/s Subiksham Software Solutions Pvt Ltd

Website: http://impreserp.co.in, impreserp.blogspot.in

E - Mail: info@impreserp.co.in subikshamss@gmail.com

Phone: 0422 - 4216181 **Mobile:** 9360599999, 94430 82678

Head office: No.1, Third Street, KRG Nagar, Ganapathy, Coimbatore - 641 006

City Office: 15-A, Thiruvalluvar Street, Kilkattalai, Chennai - 600 117

Coimbatore Chennai Salem Mumbai

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1. Introduction

We are one of the leading software developers based at **Coimbatore** catering to the requirement and modernization of educational institutions through software. We are pioneers in this area of automation and we have 140 institutions wherein the administration, transaction and digitization areas of library are computerized to our credit. Our product, **Lips I**Net 7.0 (Library Information Processing System – Web Application), gives all the solutions and facilities required for convenient administration of the library in all spheres of activity. The concept and its present shape are the culmination of expertise gained through a systematic study of library administration by our team of technically qualified personnel. Our idea is to bring out world class software which has met with success and our present endeavour is to get associated with the prestigious *Vivekanandha Group of Institutions, Tiruchengode*.

We have a complete College Automation Software by name, IMPRES ERP which covers 30 modules integrated with centralized database, of which the Library is a part. The ERP starts with *Student Admission* and passes through *Attendance, Internal Test & University marks, Billing, Stock & Inventory, Accounts, Payroll, MIS, My Performance* and finally lands up with *Placement & Alumni Modules*.

2. About Us

Subiksham Software Solutions Pvt. Ltd., An ISO 9001 – 2015 Certified IT Firm, established by a team of professionals, was started with the sole aim of developing software packages for educational institutions. At present it stands way ahead of all its counterparts in the educational sector of the software industry. *Dolphin Software Solutions is an exclusive package development house of M/s Subiksham Software Solutions Pvt. Ltd.* Dolphin has gained a reputation of setting standards in institutional automation. The dedication and service of its professionals over the years have yielded long lasting support of the management and students. We keep bringing new and innovative ideas from the drawing board to the software.

Our motto - "NO COMPROMISE ON QUALITY"

System work.... People follow.....

Our Infrastructure

The Subiksham Software Solutions Pvt. Ltd development cell and office is located on the Coimbatore – Mysore National Highways (NH 209), just three kilometres from the Railway Station. It has a spacious and well equipped state-of-the-art technology available in the IT industry with good quality testing facility. The committed and professional manpower is our strength. The personnel are highly motivated, dedicated, knowledgeable, dynamic and resourceful. The company gives an open mind to all modern and creative ideas of the employees, which helps us in maintaining a very healthy working atmosphere.

3. Vision of the Software

a. Aim & Objective of the Library Automation Software

- To provide a simple and complete solution for effective and objective functioning of institutional libraries.
- To store all the data that is required for the purposes of good administrative work for a longer period of time.
- Retrieval of the same for using them judiciously and effectively.
- In replacing the usual and conventional paper work without compromising on the essential requirements.
- In optimizing the manpower for other developmental activities of the institution.
- Decision making is made available effectively by avoiding the usual bottlenecks caused in the communication channels.
- To provide transparent medium for the flow of information to its logical conclusion.

b. The Advantages of Library Software

- The software can be transformed into a virtual information center for self development and refinement of the users.
- The optimum utilization of budget allocation for the library can be made by getting reports such as most frequently circulated books and books not used at all.

- The librarian based on such reports can streamline the purchases and arrange the books.
- The OPAC module has various advanced provisions for viewing and gathering information.
- The software can be integrated with barcode/RFID/Smartcard technology which helps in easy stock taking and transactions.
- Keeping track of the subscription's renewal, failed issues and other related details.
- The general requirements such as title wise, author wise, publisher wise and / or Boolean search facilities are available.

d. Constituents of Complete Resources in the Library

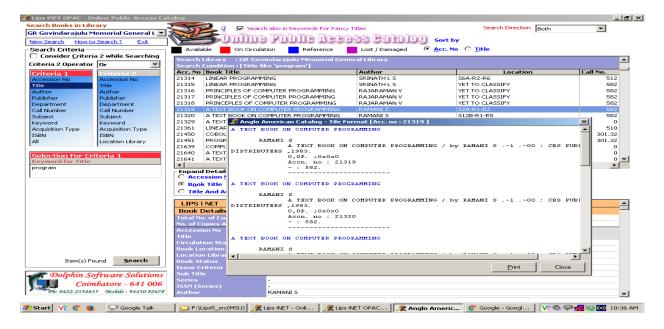
S. No	Resource Name	Items	Description			
1.	Books	Issuable	Users can use the resources for a specific time			
		Reference	Users can refer at the library itself			
		Overnight	Users can return in one day			
2.	Non - Books	Compact Disc	All items available in the library except			
		Floppy Disc	books and serials shall be treated as Non -			
		Audio Cassettes	Books. These may be available individually			
		Video Cassettes	or along with books. Project reports			
		Project Reports	submitted by Research Scholars are			
		Thesis	valuable Institutional Repositories. These can be digitized and made available in the			
		Question Bank				
		Xerox Books	form of pdf for users in OPAC.			
3.	Serials /	Magazines	All Serials / Periodicals shall be categorized			
	Periodicals	Journals	based on the periodicity i.e., Daily, Weekly,			
		Special	Fortnightly, Monthly, Bi-monthly,			
		Bullettins	Quarterly, Half-yearly, annually, Bi-			
		Others	annually, etc.			
4.	Back Volumes	All expired	The bound copies of outdated serials can be			
		serials	catalogued and made available for users.			

4. LIBRARY MANAGEMENT SYSTEM

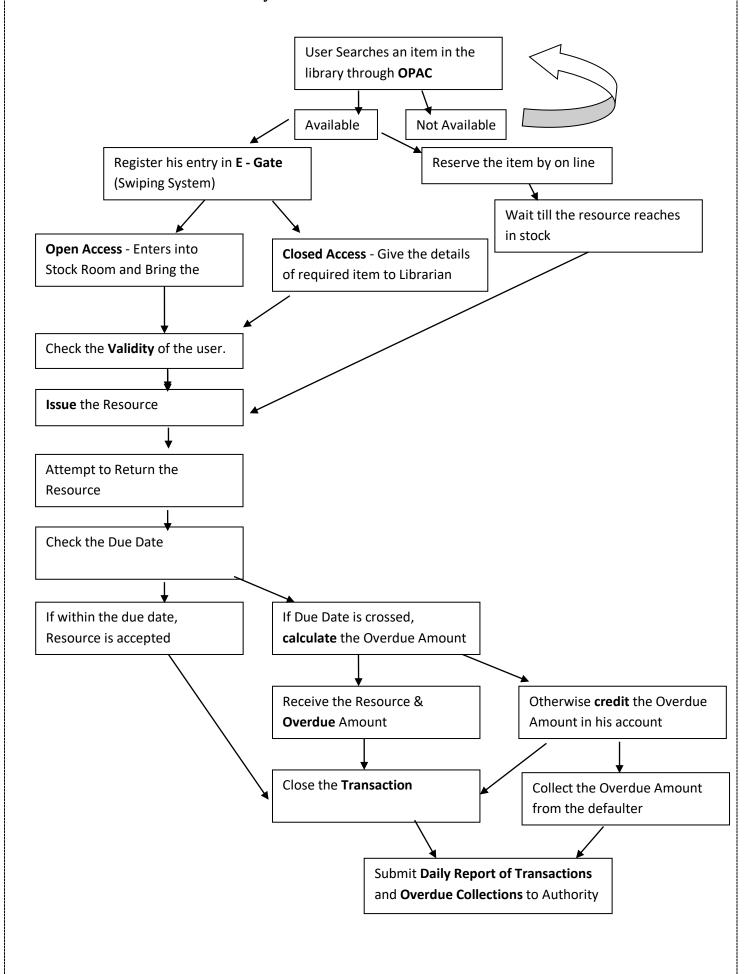
Library Information Processing System

a. Cataloguing of Book: Anglo-American Catalogue Format 2

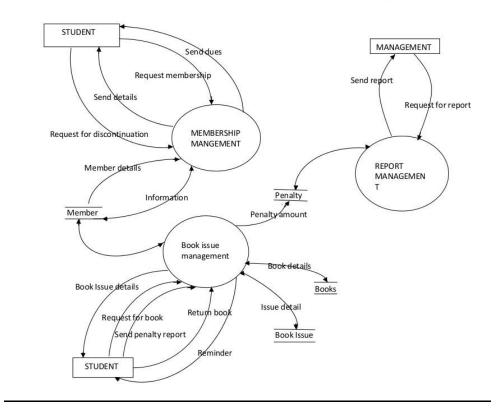
- 1. Title Catalogue
- 2. Author Catalogue
- 3. Subject Catalogue



b. How a user avail the Library Resources:



C. CONTEXT LOGICAL DIAGRAM

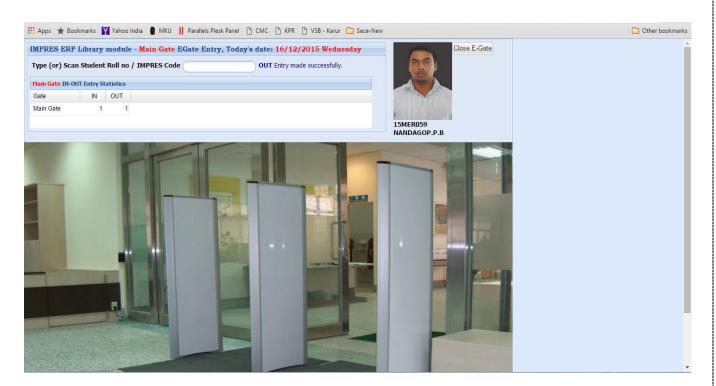


- Standard search title, author, acc. No, publisher, department, call no, subject, keyword, acquisition type, ISBN, all books with Boolean search.
- Members reserving & un-reserving book
- Periodical search, non book and back volume search.
- Viewing digital images and exporting facilities
- Display of contents and scanned images of Books, Non-Books, Periodicals & Back volumes
- Members due list and intend submission
- Member download photo
- Member change password
- Member mail message
- Web Library Key search and direct surf in the Net.

i. E-GATE

Automatic swiping system shall be placed in Multiple locations like

- 1. Main Entrance
- 2. Reference Section
- 3. Periodical Section
- 4. Back Volume Section
- 5. Stock Area, etc.

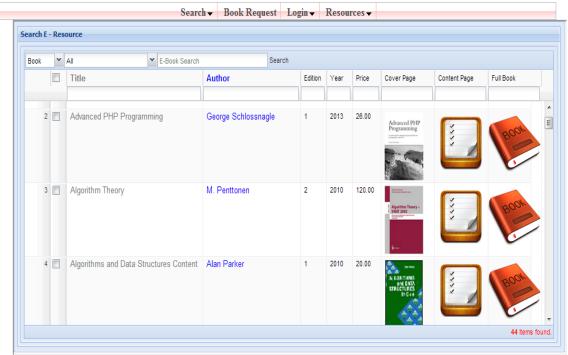


- Member entry through barcode/RFID/smartcard system
- Member time in and time out details
- Current Member time in with display of photo
- Members visit details in date to date format
- Members visit details selection through department, individual member or all members
- Members visit details report statistics and details in 5 formats
- Visitors (other than library members) details in date to date format
- Visitors details through name, organisation and date search









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Features in Digital Library Software (Proposal to be given separately)

Subiksham Software Solutions Pvt Ltd., provides Digital Library Software for Institutional Libraries as an annexure of the existing Library Management Software. With this you can make your library a potentially rich virtual Electronic Media Formats and accessible via computers to the users. Information stored in the Server electronic format is made available for the user to cater his requirement in a most orderly and perfect way of presentation. The details of accommodating information in the digital library are as follow:

- **1. E Books.** The books available in the net or collections of E books in the form of PDF can be uploaded through the software. The Librarian can catalogue them with *Title, Author, Publisher* with *Content Page, Cover Page and Full Book* and ensure them the records uploaded are useful and present them in a perfect way. Provision for edit / update facilities available and the authority can do whenever they are necessary.
- **2. E Journals.** The journals you have downloaded from the valid gateway can be reprocessed and stored in the Digital Library Software and the same is available in *search*. *Articles and clippings* can be recorded.

- **3. Images**. Any function / event that photographed / video covered shall be stored properly in the path and this is made available for the users to view and get information / download audio / video clippings. With keywords, the information with clippings shall be retrieved
- **4. Scrolling News.** Librarian can give instructions to the user by scrolling it in the Digital Library Software / OPAC. After some time, the news can be deleted from scrolling / fresh news can be displayed.
- **5. Web Search**. Librarian can *create pages / URL with subject, department and remarks* in the software and the same will be available for students. When they need it just by click, they can access the details and view the site.
- **6. E Books for Existing Database**. Librarian by logging in to the screen, can upload files in the form of JPEG, PDF of a selected book available in the Library by typing the *Accession Number / Title*. Multiple selection of books with single upload is also possible. You can customize the format of the document to your needs before update. The software will guide you whether the selected book is a *Reference one / Damaged / Lost, etc.*
- **7. Book Abstract in Existing Database**. Similarly the Abstract of the book can be copied from MS Word and pasted in the box provided. This shall be viewable by the user in the OPAC. Provision for editing is available.
- **8. Individual Upload.** The selected document can be catalogued at the time of upload by feeding the details of the book *like title, author, publisher, price, department, subject and keyword search*. The *content page, cover page and full book* can also be uploaded simultaneously.
- **9. Bulk Upload.** Multiple files with heavy sized files can be uploaded at a faster rate without cataloguing. Later we can call the files one by one and catalogue them in the prescribed screen and made available for the users. The multiple files may be of *audio*, *video*, *pdf*, *word document*, *excel file or anything other than executables*. The maximum size for upload for individual book is *1 GB*. Progress Indicator will highlight you the percentage of upload of each file. This facility is available not only for *Books but also Non Books*, *Periodicals and Back Volumes*. The uploaded files are properly stored in the designated area in a different name in order to maintain the uniqueness so that the retrieval will be fast.
- **10. News Articles.** Any article relevant to the student is found, the librarian can make a hard / soft copy of the same and upload in the Software. The latest news can be made available for the users.

- 11. Non Book Contents. *Like books, the Non Book items like Compact Disc, Floppy Disc, Audio Cassettes, Video Cassettes, Question Bank, Thesis, Projects,* etc shall also be recorded in the form of electronic content in the software. *Abstract and Clippings of Non Books* can be recorded and made available to the users.
- **12. Back Volumes.** The expired *journals and magazines* can also be made as digital content and store in the software. With *keyword search*, the user can get the relevant information.
- **13. Multi point upload from any client.** It is one of the best features available in the Software for the convenience of the user. Wherever the file uploaded from the client is duly stored in the *Server*.

Proposal will be given separately based on your requirement.

8. The Service

The most vital part of any software implementation is the service that is offered by the company. The service offered by Dolphin is matched with the quality of its product. The product is lead by technically sound customer service executives who ensure prompt and instant service / solutions to the practical issues and specific requirements of institutions. Training and service are imparted systematically for the modules implemented at the clients convenient. Periodic visits to monitor the progress of implementation and its usage. Rectification of errors is done at any time during the warranty period. Web enabled solutions are provided in which case the physical presence of the service personnel are avoided and precious time is saved. Free updates are made with the release of new versions during the warranty period.

<u>Value Added Services:</u>SSL Certificates: We provide SSL 128/256 bit certificates beginning with 1 year validity as a value added offer, billed along with IMPRES ERP. You can feel absolutely free from any attacks by site hackers / crackers / hijackers, brutal dictionary attack etc.

Additional note: Your firewall & router provide a different kind of security to server and data, while SSL Certificate(s) protect to your data while in transit among your LAN/internet across PC(s)/ Laptop(s) / device(s).

9. System Requirements for Library

a. Hardware Specifications:

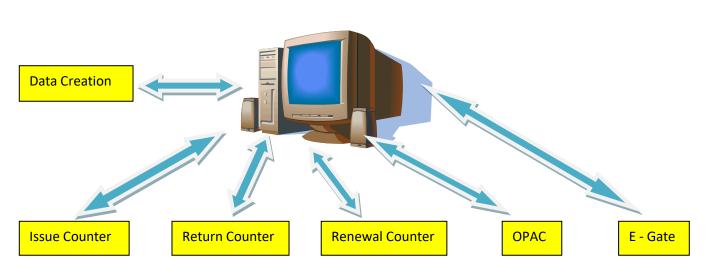
Components	Minimum	Recommended
Hard disk	1 TB	10 TB
Memory (RAM)	32 GB	64 GB
RAM Type & Frequency	DDR2 / 633 MHz	DDR3 / 1333 MHz
Processor	Core-2-Duo / Xeon	Quad Core

Note: i3, i5 series processor and their mother boards do not support major essential components and drivers (e.g. LAN, Video etc) for Win2003 server. So kindly use hardware & software components "COMPATIBLE" with each other. The same fact is verified and confirmed by forums and certified service center.

b. Software Requirements at Server:

Components	Status	Minimum	Recommended	Notes
Windows Server	Essential	2014	2019	
Service pack	Essential	1	N/a	
IIS	Essential	7.0	8.0	
Windows Installer	Essential	3.1	4.5	
.Net Framework	Essential	3.5	4.5.1	
Framework service	Recommended	1	N/a	
pack				
Crystal Reports	Essential	Version 11	Version 11	
Basics				
Flash player	Recommended	9	>= 11	
Shockwave player	Recommended	8.5	>= 8.5	
MVC Installer	Optional	2.0	4.5	
SQL Server Version	Essential	2008	2012 Standard	Any version
and Edition		Standard	/ Professional /	with auto
		Professional		backup

Server - Clients Flow - Chart



- A high configuration **Server** shall be within the premises to store the data or the database may be in the **cloud** as per the decision of the authorities.
- Depends upon the necessity, the **transactions** can be done in a single counter or separately for **Issue**, **Return** and **Renewal of Resources**.
- As this software is web based, user can search the resources through OPAC anywhere else.
- **E Gate**, normally placed at the entry point, where the user's time-in and time-out are recorded. The software supports **Multi E Gate** option. Accordingly, users activities can be monitored by keeping systems in **Reference Section**, **Periodical Section**, **Back Volume Section**, **Reading Section**, etc.
- **Server Stability Overview:** The recommended Operating System is Windows 2012Server. The software when hosted would enjoy concurrent user limit of 65,536
- **Request & Response Process:** Whenever a user opens the homepage, a request is placed by the browser to the server wherein the software is hosted. The IIS then receives the request and prepares the response object, which might be a simple HTML file request or image request or a database request.

1. Commercials & General Terms

1. Name of the Product : Lips I Net 7.0 Web Application

2. Front & Back end Tools : ASP.Net & MS SQL Server 2019

3. Installation & Training schedule : 2 days

4. Price Per Installation

a. Library Automation Software : Rs.2,25,000/= + GST@18%

b. Cloud Charges : Rs.10,000/= +GST@18% per month.

5. Warranty : One Year from the date of installation

6. AMC : 15% + GST as applicable

7. Services

a. We import all the master data from old Library Software to Web Application Library Software.

- b. The database & Application Files will be kept in AWS (Amazon Web Services). Periodical backup will be given to you. We provide one year AWS service at free of cost.
- c. We provide Mobile App.
- 8. Subiksham Software Solutions Pvt. Ltd assures you in general confidentiality of information received while providing the above services:
 - a. Subiksham Software Solutions Pvt. Ltd shall take all due care to ensure that the staff at all levels will respect the confidentiality of information obtained in the rendering of services.
 - b. All information maintained by Subiksham Software Solutions Pvt. Ltd relating to the client shall be kept secure at all times and shall not be made available to any person within the organization other than the staff assigned for the work.
- 9. This proposal contains the full understanding of the parties and supersedes all other understandings, agreements or conditions, written or oral, regarding this subject matter. The parties acknowledge that they are not relying upon any representations or statements except as specifically set forth in this proposal.
- 10. This licensing only for the single institution
- **11.** All payments shall be made only as Cheque/DD/NEFT/RTGS payment modes. Cash transaction is NOT entertained at license acquisition level.

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Our Clients list...

S. No	Name of the Institution
1	Madurai Kamaraj University, Madurai
2	Vysya College, Salem
3	Bannari Amman Institute of Technology, Sathyamangalam
4	Madurai Kamaraj University DDE, Madurai
5	KMCH Institute of Health Sciences, Coimbatore
6	Dr. NGP Arts & Science College, Coimbatore
7	Dr. SNS Rajalakshmi College of Arts & Science, Coimbatore
8	SNS College of Technology, Coimbatore
9	CBM College, Coimbatore
10	Cherraan's College of Arts & Science, Kangeyam
11	Vinayaka Missions Engg. College, Salem
12	M. Kumarasamy College of Engg. & Technology, Karur
13	MAM College of Engineering, Trichy
14	Trichy Engineering College, Trichy
15	Mookambika College of Engg. & Technology, Trichy
16	JJ College of Arts & Science, Pudukkottai
17	Sri Kaliswari College, Sivakasi
18	Sree Sowdambika College of Engg, Aruppukkottai
19	Hindusthan College of Engg. & Technology, Coimbatore
0	Sankara College of Science and Commerce, Coimbatore
21	Navarasam Arts & Science College, Erode Dist
22	Sankara Institute of Technology, Coimbatore
23	Jairam Arts & Science College, Salem
24	Bharath Polytechnic, Tiruchengode
25	Murugesan Institute of Technology, Salem
26	Institute of Co-operative Management, Madurai
27	Srivilliputhur Bar Association PAC Ramasamy Raja Memorial Library,

	Srivilliputhur
28	Kings International Mat. School, Valliyoor
29	Sasurie College of Engg, Vijayamangalam
30	Latha Madhavan College of Engineering. Madurai
31	Ranganthan Engineering College, Coimbatore
32	SNS College of Engineering, Coimbatore
33	Hindusthan Institute of Engineering & Tech, Coimbatore
34	Hindusthan College of Arts & Science, Coimbatore
35	Sasurie Academy of Engineering, Coimbatore
36	Gnanamani College of Technology, Namakkal
37	Srinivasa Polytechnic College, Pudukkottai .
38	Selvam College of Technology, Namakkal
39	Govt. Arts College, Melur
40	School of Mathematics, MKU
41	Saradha College, Salem
42	Sri Vijayeswari Textiles Limited, Coimbatore
43	Adithya Institute of Technology, Coimbatore
44	Sri Parasakthi College for Women, Courtallam
45	Narasus Sarathy Institute of Technology, Salem
46	SSK Collelge of Engg. & Technology, Coimbatore
47	AVS Arts College, Salem
48	AVS Engineering College, Salem
49	Shri Sakthi kailassh Women's College, Salem
50	Sri Ravavendra Polytechnic College, Komarapalayam
51	Sri Ramakrishna Inst. Of Paramedical Sciences, Coimbatore
52	KV Institute of Management & Information Studies, Coimbatore
53	Raja Colleage of Engg. & Tech, Madurai
54	KPR Institute of Engg. & Technology, Coimbatore
55	KPR School of Business, Coimbatore
56	CMS College of Science & Commerce, Coimbatore

57	CMS College of Engg. & Technology, Coimbatore
58	Sri Ranganathar Institute of Polytechnic College, Coimbatore
59	Sri Eshwar Engineering College, Coimbatore
60	Madurai Institute of Engg. & Technology, Madurai
61	Wisdom School of Management, Udumalpet
62	K. Ramakrishnan College of Engineering, Samayapuram
63	K. Ramakrishnan College of Technology, Samayapuram
64	Govt College of Education for Women, Coimbatore
65	Arignar Anna Government Arts College, Namakkal
66	Namakkal Kavignar Ramalingam Govt. Arts Collelge for Women, Namakkal
67	Periyar Government Arts College, Cuddalore
68	Government Arts College, Ariyalur
69	Latha Mathavan Polytechnic College, Madurai
70	C.L.Baid College of Pharmacy, Chennai
71	Dhaanish Ahmed College of Engineering, Chennai
72	Queen Mary's College, Chennai
73	Quid-e-Millet Government Womens College, Chennai
74	Sasurie College of Arts & Science, Vijayamangalam
75	Arulmurugan Polytechnic College, Thennilai, Karur
76	M.N.M Jain Engineering College, Chennai .
77	V.S.B Engineering College, Karur
78	V.S.B College of Engineering, Technical Campus, Coimbatore .
79	JayaLakshmi Institute of Technology, Thoppur, Dharmapuri .
80	SIVET College, Chennai
81	Alim Mohammed Saligh College of Engg, Chennai
82	SCAD Institute of Technology, Palladam
83	AVS Technical Campus, Salem
84	Arulmurugan Technical Campus, Thennilai
85	Vivekanandha College, Sholavandhan
86	Arulanandar College of Arts & Science, Madurai

87	Pasumpon Muthuramalinga Thevar Arts & Science College, Usilampatti
88	Fathima Micheal College of Engg. & Technology, Madurai
89	ES College of Engg. & Technology, Villupuram
90	Madurai Institute of Engg & Technology, Madurai
91	Vysya Institute of Management, Salem
92	Vysya College of Education, Salem
93	Vysya School of Management, Salem
94	Jairam Public School, Salem
95	Dhaanish Institute of Technology, Coimbatore
96	College AVS of Education, Salem.
97	Coimbatore Marine College, Coimbatore
98	Mangalore Marine College, Mangalore
99	Bharani Matriculation Hr. Sec. School, Karur
100	M. Kumarasamy College of Education, Karur
101	Selvam Arts & Science, Namakkal
102	Hindusthan College of Education, Coimbatore
103	Institute of Advanced Study in Education, Chennai
104	Bharathi Womens College (Autonomous) Chennai
105	Government Arts College for women (Autonomous) Kumbakonam
106	Kandasamy Kandars Arts College, Velur
107	PSGR Krishnammal College of Arts & Science, Coimbatore
108	GRG Polytechnic College, Coimbatore
109	St. Jude's College (Autonomous), Nagercoil
110	Government College of Education, Coimbatore
111	Government Arts College, (Autonomous) Coimbatore
112	JCT College of Engg & Technology, Coimbatore
113	JCT Polytechnic College, Coimbatore
114	Nazareth Marcoshis College, Palliakarani, Thoothukudi Dt
115	AJK College of Arts & Science, Coimbatore

116	Sri Venkateshwara college of Engg, Tiruppathi
117	Sri Venkateshwara College of Engg for Women, Tiruppathi
118	Knowledge Institute of Technology, Salem
119	Sakthi Kailash College of Arts & Science for Women, Thalaivasal
120	Sri Kailaash College of Arts & Science for Women, Dharmapuri
121	People's Watch, Madurai
122	Pillar Institute, Madurai
123	Nadar Saraswathy College of Engg. & Technology, Theni
124	Chennai Institute of Technology, Chennai
125	The Presidency College, Chennai
126	Quid-e-Millet Govt. women's College, Chennai
127	Queen Mary's College, Chennai
128	Govt. College of Technology, Coimbatore
129	SRM Easwari Engg. College, Chennai
130	Sri Aadhi Chunchanagiri Womens College, Cumbum
131	Asan Memmorial Arts & Science College, Velacheri, Chennai
132	Government College of Technology, (Autonomous), Coimbatore
133	Muthayammal College of Engineering, Rasipuram
134	Muthayammal Engineering College (Autonomous), Rasipuram
135	Sri Adhi Chunchanagiri Womens' College, Cumbum
136	SPC College of Pharmacy, Salem
137	Global College of Pharmacy, Erode
138	Jairam Matriculation Higher Secondary School, Salem
139	Sri Kailash College for Women, Nangavalli
140	Sri Kailash Womens' College, Chinnasalem
141	Sakthi Kailash Womens' College, Dharmapuri
142	Government Arts College, Udumalpet

143	Government Arts College, Tiruttani
144	SSM Institute of Engg & Technology. Dindigul
145	EGS Pilley Institute of Engg & Technology, Nagappattinam
146	Kalaignar Karunanidhi Institute of Technology, Coimbatore
147	Angappa College of Arts & Science, Coimbatore
148	AVS Arts & Science College, Omalur, Salem
149	Kailaash Manasovour International School, Salem
150	Tamil Nadu Forestry Training College, Vaigai Dam
151	Tamil Nadu Forest College, Coimbatore
152	CBM Arts & Science College, Coimbatore
153	KVT Matriculation Higher Secondary School, Madurai
154	VET Institute of Arts& Science, Erode