



# ***SOCIETY FOR PROMOTION OF IT IN CHANDIGARH***



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[www.spicindia.com](http://www.spicindia.com)



# SOCIETY FOR PROMOTION OF IT IN CHANDIGARH

**SPIC** was incorporated in 2001 under the aegis of Department of Information Technology, Chandigarh Administration and since then has been playing pivotal role in implementing the IT policies of Chandigarh Administration and emerged as nodal agency to execute key e-Governance initiatives and promotion & growth of IT.

## THE MAJOR OBJECTIVES

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1. To promote application of Information Technology in the Union Territory of Chandigarh in accordance with the IT Policy of Chandigarh Administration.
2. To carry out all such activities that are commensurate with the IT vision of the Chandigarh Administration as outlined in IT Policy.
3. To promote e-Governance, Software Exports, create IT Infrastructure, generate jobs in IT as outlined in the IT Mission of the Chandigarh Administration.
4. To facilitate the establishment and functioning of data processing computer centers.
5. To provide consultancy services and impart training in various disciplines of Information Technology.
6. To facilitate the development of software packages as well as related items and undertake turnkey project / assignments in India and abroad in Information Technology by public and private sector companies in the Union Territory of Chandigarh in order to promote the application of Information Technology for the benefit of citizens of Chandigarh.





# TRAINING

## INDUSTRIAL TRAINING PROGRAMS

SPIC Centre of Excellence since 2001 is conducting professional certified programs for the professionals and students. These are high end programs based on Microsoft technologies on its new technologies/products for bench marking, demonstrating an array of products and solutions and demonstrating inter-operate ability with other platforms which help in development of skills for the emerging software industry in Chandigarh. Exclusive 6 weeks and 6 months Industrial training programs are being conducted for Engineering students. Every year tally of students who enroll for Industrial training program is increasing by many folds. Every year, 700 students registered with SPIC for their industrial trainings programs. During their Industrial Training programs students undergo Microsoft Certified Programs in .net, DBA, JAVA, PHP, networking & android programming.



program.

Developing project is a vital part of their industrial training program which they have to finish and submit the report at the end of their training. Students are allocated with projects in the end of first module along with one mentor from the Software development/ system administration division of SPIC.

Apart from their module training, they have to devote time for their project as per project requirements. To add value to students training, SPIC has also incorporated soft skills development modules in 6 months training

SPIC also arranges Industrial visits for the students to IT companies campus like; Infosys & Tech-Mahindra, in order to give practical exposure to the students of live IT environment and also arranges informative seminars to give them insight into the current scenario of the IT Industry. Students from Panjab University, Thapar University, Lovely Institute of Management, CEC Landran, SUSCET Tangori, Chitkara Institute of Engg. & Tech, Punjab University, Baba Banda Singh Bahadur College of Eng & Tech, Apeejay Institute Management and Sukhmani College of Engineering & Tech

### INFOSYS CAMPUS CHADIGARH VISIT OF 6 MONTHS INDUSTRIAL TRAINING STUDENTS OF SPIC



## 6 Months Industraila training courses

- 1 JAVA(Core, Advnace, J2EE)
- 2 Android Programming
- 3 PHP with MYSQL
- 4 Advance PHP
- 5 MCS.D.Net
- 6 MCDBA
- 7 MCITP Enterprise Administrator(Window Server 2008)



## 6 Weeks Industrial training courses



- 1 VB.Net or C#.Net
- 2 Asp.net with C#.Net or VB.Net
- 4 C Language
- 5 C++
- 6 Managing Network with Windows Server 2008
- 7 AutoCAD
- 8 Core Java
- 9 Advance Java
- 10 J2EE
- 11 SQL Server Administration & Implementation

Unique pro industry training model has been designed by SPIC Centre of Excellence in collaboration with IT companies operational at SPIC Incubation Centre as well as EDC building to create readymade IT manpower for the IT Companies as well providing placements to the trainees in the end of the training. The curriculum will be reviewed and updated by the IT Companies on regular intervals and trainees will allocated projects by the IT Companies and based on their performance will be absorbed by them.



## Chandigarh Training on Soft Skills (C-TOSS)

As a first step, this initiative was taken up at grass root level by launching C-TOSS in Govt. Schools of UT Chandigarh to create a talent pool for the IT/ITES Industry of this region. An exclusive C-TOSS school curriculum was designed with the help of inputs from Industry and training industry. C-TOSS was introduced initially in 6 Government Schools for Class XI and XII students in 2004. After receiving heartening response to the program the number of schools was extended to 38 in 2007-08. In order to broaden the benefit of this program to more school it was extended to 48 schools in 2008-09 and then to 55 Schools in 2009-10 which included all the rural schools of UT Villages also. In year 2011-12 this program was rolled out to 86 Govt. Schools of UT and was introduced in IX, X classes of High Schools & IX, X & XI classes of Senior Secondary Schools.

In an effort to enhance the effectiveness of this training program, C-TOSS program has been implemented with the start of the 2016-17 session.

### C-TOSS Program for Minority Community

In an endeavor to create an eco system which can nurture the under privileged children with English language proficiency an initiative has been taken up Administration by starting a free C-TOSS programme in year 2007-08 for the children of underprivileged and minority community. In association with United Progressive Muslim Front to enhance the communication skills of minority community students, this program is running in Madaras of Manimajra, Gobindpura, Arbiya Faizul Islam, sector – 45 and Maloya.





## Modules of C-TOSS Program (75 Hours)

### COMMUNICATION SKILLS (50 HOURS)

- INTRODUCTION
- COOL ENGLISH
- GRAMMAR COMPREHENSION

### PRESENTATION SKILLS/FLUENCY /STRUCTURED SPEECH (28 HOURS)

- INFORMAL SPEECH - EXTEMPORE (HIGHER LEVEL)
- BASIC LISTENING SKILLS
- FAMILIARIZATION OF ENGLISH IN SITUATIONS/ DRAMA / TV
- WRITING SKILLS
- THE NEWS
- SHORT COMPOSITIONS
- READING SKILLS
- COMPREHENSION
- VOCABULARY- BUILDING WORD POWER



### ACCENT NEUTRALIZATION (15 HOURS)

- SOUND ARTICULATION
- DIFFERENCES IN SOUNDS
- CONSONANTS, VOWELS, PHONETIC USAGE
- PRONUNCIATION
- DIFFERENCE BETWEEN GLOBAL AND INDIAN ENGLISH PRONUNCIATION
- SYLLABLES AND SYLLABLE STRESS
- VOICE MODULATION
- COMPONENTS OF VOICE
- VOLUME • RATE OF SPEECH
- PITCH
- BREATHING PATTERNS

### SKILLS (10 HOURS)

- BUILDING CONFIDENCE
- POSITIVE ATTITUDE
- INTER-PERSONAL SKILLS
- GENERAL MANNERISM & ETIQUETTE
- LETTER WRITING ( FORMAL & SEMI- FORMAL)
- CLARITY
- RHYTHM & STRESS
- MOTHER TONGUE INFLUENCE (VERNACULAR ENGLISH)
- INTONATION PATTERNS



# CHANDIGARH IT REACHOUT PROGRAM (CITROP)

To enable the youths of Chandigarh to explore their untapped potential and to utilize the benefits of the technology revolution to empower all sections of society by bridging the digital divide and making the school drop outs and children of minority community IT savvy, Administration started Chandigarh IT Reach Out Program in year 2007-08 in Bhal Bhawan, sector 23 and in Madarasa Manimajra.

Detailed modular breakup and broad outlines/lecture schedule will be provided by the Implementer to the selected training Agency. The selected training Agency will have to strictly adhere to the course contents/lecture schedule laid down by the Implementer.

## Modules of CITROP

### FUNDAMENTALS OF COMPUTER

(15 HOURS)

- INTRODUCTION
- INPUT / OUTPUT & PROCESSING (CPU)  
MEMORY DEVICE
- TYPES OF COMPUTERS
- CHARACTERISTICS OF COMPUTER
- HISTORY & GENERATION
- APPLICATIONS OF COMPUTER

### WINDOWS XP OVERVIEW

(25 HOURS)

- SOME BASIC TERMINOLOGY & TYPING SKILLS
- DESKTOP SETTINGS & CONTROL PANEL
- MS DOS
- MS PAINT
- WORDPAD
- ACCESSORIES & MULTIMEDIA

### E-MAIL & INTERNET

(10 HOURS)

- INTRODUCTION
- E-MAIL ACCOUNT & ITS FUNCTIONS
- SEARCH ENGINE
- SURFING WEBPAGES
- BASICS OF SOCIAL NETWORKING SITE

### DATA ENTRY TRAINING

(20 HOURS)

- PROGRAMS IN DATA ENTRY.
- ADMINISTRATIVE ASSISTANT
- OFFICE TECHNOLOGY
- INFORMATIVE SESSION ON SELF-EMPLOYMENT



## e-SAKSAHM TRAINING



e-saksham program an initiative of Department of Information Technology to provide IT training to Senior Citizens & Housewives which is implemented through. e-saksham Training which has been designed with a view to bridge the digital divide that is prevalent in these segments of the populace and to strengthen community-based Senior Citizens & Housewives by making them IT

In order to encourage Senior Citizens and Housewives to opt for this IT training, the Department of information Technology through SPIC started batches in selected areas on pilot basis in January 2014. Till now more than 450 participants have been trained under e-Saksham Training.

### Modules of e-saksahm Program

1. MS Office (Computer Based)
  - a. Window Operation
  - b. MS Word
  - c. MS Excel
2. Internet Surfing
  - a. To surf the govt. site like [www.Chandigarh.gov.in](http://www.Chandigarh.gov.in)
  - b. To surf sites of different departments of Chandigarh
  - c. Usage of e-mail & messenger
3. Usage of Smart Phone
  - a. To use the mobile apps of States and Central govt.
  - b. To use social networking apps like, FaceBook, whatsapp etc
  - c. Other social media apps
- d. To access and use grievance redressal system of Municipal corporation and other departments.
- e. Usage of mygov.in



# OPERATION & MANAGEMENT OF PROJECT SAMPARK

Sampark project is one of the most prestigious project of Chandigarh Administration which is run by SPIC. Sampark was initiated to bring together the services of all the departments under one single umbrella and give citizens of Chandigarh a "Multi-service – Single-window" experience apart from completely removing the undue harassment met by the citizens due to lack of transparency and development, integration and maintenance of web-portal for various departments of the Administration for providing 'One-stop solution'. With Sampark Centres the processing time has been reduced as the efficiency of the service delivery system has been increased by making it IT enabled, thereby reducing the queues and waiting hours for the public. It not only provides the transaction processing through its centres and web-enabled portal but also is a major source of information dissemination. Total 78 G2C, G2B and B2C Services are being provided through the strong network of 17 e-sampark Centers, 11 e-sampark kiosks & 13 gram-sampark Centres spread across the City.

**17**  
**e-Sampark**  
**Center**

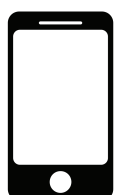
**11**  
**e-Sampark**  
**kiosk**

**13**  
**Gram**  
**Sampark**

This project has won many laurels at national level on December 03, 2015, Chandigarh was conferred with CSI-Nihilent e-governance award for 2014-15, which is one of the most coveted awards in the country for e-governance, including e-sampark, gram sampark & e-kiosk. For e-services, Chandigarh also bagged award for outstanding performance during Digital India Week on December 28, 2015.



Society for Promotion of IT in Chandigarh under the aegis of Department of IT is making sustained effort to improve the public services delivery system by introducing smart services for the residents



**mSampark Mobile App :** SPIC has introduced mSampark mobile app which is the first android based Sampark Mobile App developed in-house which provides information on locations of e-Sampark List of all Sampark, Gram Sampark and Kiosk centre, locating nearest/any Sampark Centres, list of services offered at Sampark Centres (along with requisite document list and service charge information), Electricity and Water bill information, Status of applications of DC office, Sampark timings, list of holidays, grievance and feedback alongwith contact information.






**Payment with debit & credit card :** SPIC has introduced the facility of making payment of Electricity & Water Bills through Debit & Credit Cards of any bank in all e-sampark centers, gram sampark centres & kiosks without paying any extra cost on any transaction.

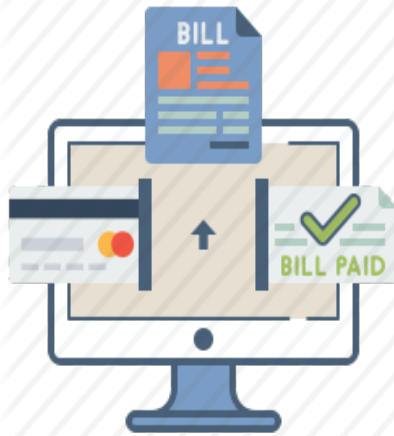



**E-payment Facility :** This facility offers a range of payment options like; Net banking, Debit card & Credit card of any bank through which a payment can be made by the residents for their electricity & water bills, VAT, CST & House Tax.



## E-SAMPARK SERVICES

S.No.	Department	S.No.	Services
1	Excise & Taxation	1	Payment of taxes
 <p>Department of Excise &amp; Taxation Chandigarh Administration</p>		2	Deposit of VAT2 Challan {Cash Below 10000/- or Chque/ DD}
		3	Deposit of Form II Challan {Cash Below 10000/- or Chque/ DD}
		4	VAT/CST Collection
		5	Deposit of Monthly VAT Returns VAT-16
		6	Deposit of Monthly CST Returns Form-1 M
		7	Deposit of e-File VAT Receipt quarterly VAT-15
		8	Desposit of e-File CST Receipt quarterly Form-I
		9	E-Filling of VAT/ CST Returns (Online)
		10	Filling/ Converting of VAT 15 quarterly and Transmitting the data electronically.
		11	Filling/ Converting of Form - I quarterly and Transmitting the data electronically.
2	Chandigarh Transport Undertaking	12	Issue of Bus Passes
		13	Student Bus Pass Non AC { Quarterly And Half Yearly Basis}
		14	Student Bus Pass AC { Monthly Basis}
		15	General Bus Pass Non AC {Monthly, Quarterly, Half Yearly and Yearly Basis}
		16	General Bus Pass AC {Monthly, Quarterly, Half Yearly and Yearly Basis}
		17	Govt Employee Bus Pass Non AC {Monthly, Quarterly, Half Yearly and Yearly Basis}
		18	Govt Employee Bus Pass AC {Monthly, Quarterly, Half Yearly and Yearly Basis}
		19	Senior Citizen Bus Pass Non AC {Monthly, Quarterly, Half Yearly and Yearly Basis}
		20	Senior Citizen Bus Pass AC {Monthly, Quarterly, Half Yearly and Yearly Basis}
3	Social Welfare Department	21	Issue of Senior Citizen Card {Above Age 60 }
 <p>SOCIAL WELFARE DEPARTMENT</p>		22	Issue of Disability Identity Card
		23	Disbursement of Pension (Old Age, Widow, Disabled & Dependent Children)





4	Engineering Department	24	Payment of Electricity Bills
		25	Deposit of Domestic Electricity Bill {Cash Below 20000/- or Chque/ DD Upto 50000/- And DD/Pay Order Above 50000/-}
		26	Deposit of Commercial Electricity Bill {Cash Below 20000/- or Chque/ DD Upto 50000/- And DD/Pay Order Above 50000/-}
		27	Deposit of Small Power Electricity Bill {Cash Below 20000/- or Chque/ DD Upto 50000/- And DD/Pay Order Above 50000/-}
		28	Deposit of Large Power Electricity Bill {Cash Below 20000/- or Chque/ DD Upto 50000/- And DD/Pay Order Above 50000/-}
		29	Deposit of Street Light Electricity Bill {Cash Below 20000/- or Chque/ DD Upto 50000/- And DD/Pay Order Above 50000/-}
		30	In Case of Part Payment the same must be approved by concern SDO of the Electricity Dept along with Photocopy of the modified Bill
		31	In Case Cheque payment has been bounced then you have been barred to pay the same thru Cheque. In Such Cases Demand Draft will be accepted.
		32	Booking of Tubewell for irrigation of Rural Area
5	Registrar Birth & Deaths	33	Issue of Birth Certificate
		34	Issue of Death Certificate
6	Municipal Corporation	35	Payment of Water & Sewerage Bills
		36	Payment of Water Bills Domestic/ Commercial
		37	Payment of Lawn Water bills
		38	Open Space Booking
		39	Community Centre Hall Booking
		40	Community Centre Room Booking
7	Health Department	41	Doctor's Appointment for Patients of GMSH-16 & GMCH-32
8	Chandigarh Police	42	Tenant Registration
		43	Domestic Servant Registration
		44	Sticker and Postal Challans



9	Treasury	45	Sale of Non-Judicial Stamp Paper
		46	Sale of Revenue Stamps, Court Fees Stamps and Adhesive Stamps
10	Chandigarh Housing Board	47	All Deposits for Dwelling Unit of CHB
11	GOI Services	48	Online Filling of Passport Application Form
		49	Booking of Railway Tickets (IRCTC)
12	Election Department	50	Forwardng of Application for Addition of Name in Electrolal Roll.
 <b>ELECTION DEPARTMENT</b>		51	Forwardng of Application for Modification of Particulars in Electoral Roll
		52	Forwarding of Application for issue of duplicate Voter Card
13	Education Department	53	Online Submission of College Forms
		54	Deposit of College Fees
14	DC Office / SDM Office Services	55	Issuance of Caste Certificate
		56	SC Bonafied Certificate
		57	SC Migration Certificate
		58	BC/OBC Bonafied Certificate
		59	BC/OBC Migration Certificate
		60	Issuance of Dependent Certificate
		61	Issuance of Charatcter Certificate
		62	Issuance of income Sertificate (for Students)
		63	Issuance of residence Certificate



		64	Coutersigning of Documents (Certificate issued by Chandigarh Admn)
		65	Coutersigning of Documents (Certificate issued by other State)
		66	Renewal of Arms Licence
		67	Transfer of Arms Licence of Other State
		68	Firm/ Society Registration
		69	Late entry of Birth
		70	Late Entry of Death
15	B2C Services	71	Telephone Bill Payment
 <p><b>B2C Services</b></p>		72	BSNL Landline & WLL
		73	Quadrant - Landline & WLL
		74	Airtel Mobile
		75	Airtel Landline
16	UIDAI	76	Issue of Aadhaar Card
		77	Modification of Aadhaar Card Data
17	Estate Office	78	Deposit of Tenement Rent



## E-SAMPARK LOCATIONS

S.No	E-Sampark centre	Location
1	e Sampark– 10	Electricity Operation Sub Division No. 2, Sector 10A, Chandigarh
2	e Sampark-15	Electricity Operation Sub Division No. 4, Sector 15C, Chandigarh
3	e Sampark-18	Electricity Operation Sub Division No. 3, Sector 18A, Chandigarh
4	e Sampark-23	Opposite Janj Ghar, Near Gurudwara, Sector 23C, Chandigarh
5	e Sampark-40	Electricity Building, Sector 40D, Chandigarh
6	e Sampark-43	Electricity Operation Sub Division No. 9, Sector 43A, Chandigarh
7	e Sampark-47	66 KV Grid Sub Station, Sector 47C, Chandigarh
8	e Sampark Manimajra	Municipal Corporation Building, 1st Floor, Opposite Civil Hospital, Manimajra, Chandigarh
9	e Sampark Industrial Area	Phase 1, Electricity Operation Sub Div No. 5, Chandigarh
10	e Sampark-17	Sector 17, Chandigarh Treasury
11	e Sampark-12	PGI, Shopping Centre, Sector 12, Chandigarh (Only Two Counters & for limited services)
12	e Sampark-High Court	Punjab & Haryana High Court Premises, Adjacent to State Bank of Patiala ATM.
13	e Sampark-21	Sector 21 -B, opposite Motor Market, Chandigarh.
14	e Sampark -7	Sector 7, Near electricity maintenance office.
15	e Sampark Bapu Dham	Bapu Dham Colony
16	e Sampark-32	Sector- 32
17	e Sampark- 17	DC Office Ground floor, Sector-17
18	e Sampark- 35	Main Market, Sector-35
19	e Sampark-37	Inside MC Office, Sector-37
20	e Sampark-38	Main Market, Sector-38



21	e Sampark- 48	Inside Community Centre, Sector-48
22	e Sampark-Dadu Majra Colony	Inside Community centre, Dadu Majra Colony
23	e Sampark-Dhanas	New Dhanas Colney H.No. 42
24	e Sampark-27	Sector 27, Chandigarh
25	e Sampark-22	Sector 27, Chandigarh
26	e Sampark-20	Sector 20, Chandigarh
27	e Sampark-43	Sector 43, Chandigarh
28	e Sampark-Palsora	Palsora
29	e Sampark-Dadu Majra	Dadu Majra, Chandigarh
30	e Sampark-Mauli Jagran	Mauli Jagran, Chandigarh
31	e Sampark-Khuda Alisher	Khuda Alisher, Chandigarh
32	e Sampark-Kaimbwala	Kaimbwala
33	e Sampark-Daria	Daria
34	e Sampark-Makhan Majra	Makhan Majra
35	e Sampark-Raipur Kalan	Raipur Kalan
36	e Sampark-Raipan Khurd	Raipan Khurd
37	e Sampark-Behlana	Behlana
38	e Sampark-Hallo Majra	Hallo Majra
39	e Sampark-Khuda Jassu	Khuda Jassu
40	e Sampark-Dhanas	Dhanas



# PROJECTS

SPIC offer end-to-end G2C, G2G & G2B applications development and consultancy services for the implementation of front-end & back-end computerization of the various departments of Chandigarh Administration. SPIC has vast extensive experience in providing | Application Development | Web Application Development | wide area network solution | project management | Turnkey project | database solution | Mobile Application Development | Website development |

**Some of the key projects which are designed and developed in-house by SPIC and executed successfully are listed below :**

## WEB APPLICATION DEVELOPMENT PROJECTS

### e-College Campus Solution

e-Campus is a College ERP solution implemented in 5 Govt. Colleges, containing modules like - Admission & Enrolment, Attendance, Academic /Results, e-College Web Portal, Assignment Module & Fee Module.



### School Management Information System

SMIS is multi-user, scalable, highly secure and extremely user-friendly containing modules like - student profiles, fee management, results management, attendance management, comprehensive inventory, payroll, timetabling and financial accounting.






## e-Payment Module for Sampark Services


Web based Module for implementation of e-Payment services was developed for the integration of Payment integrator for online payment of electricity, water, House tax & VAT through Sampark.

e-Sampark Helpline: 1800-180-1725 (8 AM - 8 PM)

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### One-Stop-Shop

Government to Consumer services  
Business to Consumer services  
e-Sampark Centre  
e-Sampark Kiosk  
Gram e-Sampark Centre



Login



Sign Up

CITY WEATHER

WEATHER INFO DATE : 17-02-2016


Chandigarh, IN

25°

Why e-Sampark

## Le corbysier event website by tourism department

Permit Management System include computerized permit generation, permit printing with pre-printed stationary, permit search and record of the various liquor quotas.




# 1887-1965

## Commemorating

### LEGACY OF LE CORBUSIER

### 50 Years After The Master



Celebrating  
Le Corbusier's Chandigarh  
50 Years After The Master

www.corbusier50chd.com

Home About Chandigarh Symposium Registration Download Contact

## craft mela website by cultural department

Web based Module for implementation of e-Payment services was developed for the integration of Payment integrator for online payment of electricity, water, House tax & VAT through Sampark.

CRAFT MELA 2016

HOME CONTACT US

# NATIONAL CRAFTS MELA 2016

JANUARY 22<sup>TH</sup> - 31<sup>TH</sup>

JOIN THE EVENT

Chandigarh Administration in association with North Zone Culture Centre (NZCC) is organizing the Chandigarh National Crafts Mela 2016, at Kalagram, Chandigarh. The Theme of this Mela is "North to North East", (Kashmir to Kohima).

BUY TICKET SEE MORE



# APPLICATION DEVELOPMENT

## Chandigarh Housing Board Computerization

Software maintains the accounts of all the allottees who have purchased flats/plots from Chandigarh Housing Board. Software is used to create ledger from Cashbook. It also maintain record of vacant houses, groundrent, pending installment, watchward.



## Challaning System of Chandigarh Traffic Police



This Project maintains information regarding CHALLANS done per day. It also provides small window in which violators can pay their challan without going to court.

## Permit Management System for Department of Excise & Taxation

Permit Management System include computerized permit generation, permit printing with pre-printed stationary, permit search and record of the various liquor quotas.



## Personal Information System of Chandigarh Police

Permit Management System include computerized permit generation, permit printing with pre-printed stationary, permit search and record of the various liquor quotas.



The screenshot shows the Chandigarh Police Permitting System web interface. The header features the Chandigarh Police logo and the slogan "We Care For You". The main content area is titled "Permitting System" and includes a search bar with fields for "PS NUMBER" and "VARG/BELT NUMBER". Below the search bar, there is a table with the following data:

NAME	PS NUMBER
VARSHAW	0750000
PRESENT NAME	INSUROR
FATHER NAME	SHARILAL
DATE OF BIRTH	15/12/1968

To the right of the table is a small portrait photo of a man in a police uniform.

## TURNKEY PROJECTS

### Campus wide area networking of Govt Medical College Hospital, Sector - 32

Networking of all the blocks of GMCH, Sector – 32 has been completed successfully.

## Implementation Of IP Camera Based CCTV

Web based Module for implementation of e-Payment services was developed for the integration of Payment integrator for online payment of electricity, water, & VAT through Sampark.





## — **Program Management for Implementation of COMMERCIAL TAX - Mission Mode Project(MMP)**

SPIC has done the program management of CT-MMP includes| System Study of the Excise & Taxation | Development of SRS for Software Development | Management of the development team and CTMMP project | Defining the overall implementation strategy and plan | Technical Consultancy for COMMERCIAL TAX-MMP | Designing the System/Network Architecture| Mobile Application Development | Website development | Preparation of RFP for Hardware/Software| Over all technical Assistance for implementation| Preparation of SLAs and Agreements on behalf of Excise & Taxation Department.

## **Online Counseling of Govt. Colleges**



Online counseling had been successfully done from last 2 consecutive years for Govt. Colleges of UT by SPIC.

## **Online Admission Module for ITIs**

SPIC has developed in-house online admission module for ITIs of Chandigarh. This online module is a user friendly and will keep all the details of students at fingertips of college authorities which include personal details, marks, earlier academic records, student status, interview details, correspondence, financial arrangements and many more.





## SPIC IT INCUBATION CENTER INITIATIVE TO PROMOTE START

The SPIC Incubation Centre was set up by the administration to be pre eminent in nurturing entrepreneurship directed towards the development of economies and societies. SPIC provides a platform to start-ups, prospective entrepreneurs and intrapreneurs to convert their innovative ideas into commercially viable products and enhancing software exports from Chandigarh. SPIC plays a vital role in developing the entrepreneurial ecosystems in young professionals of this region by promoting small IT/ ITES companies in setting up their facilities. The vision of INNCUBE is to promote entrepreneurial spirit for creation of successful business organizations towards employment for economic benefits of the state by helping the novice companies to endure and grow during the start up period.

This Incubation Centre was set up in Punjab Engineering College, Sector – 12 in March 6, 2002, in an effort to encourage IT companies to set up their facilities in Chandigarh. Start up IT companies are provide space on lease initially for 3 years and once the startup gets on its own feet they shift to other locations. It has a built up space of more than 7000 square feet where shell space is provided to small and start up IT/ ITES companies where they have been provided internet bandwidth connectivity by STPI for software exports. SPIC acts as single window system to facilitate IT companies at Incubation Centre by providing assistance in business basics, networking activities, recruitment of IT manpower as well as creating conducive environment for conducting IT business.



Net Solutions promoted by Mr. Sameer Jain started low and slow. They began their business from SPIC IT incubation Centre as a web service provider in year 2002 and continues to do so today. The location in the heart of the city helped Net Solution draw great talent from all around India. By the time they left SPIC, this company doubled in size and quadrupled in revenue. Net Solutions is now a team of over 200 which currently handles web development as well a mobile app development for iOS and Android operating systems along with apps for Facebook too.

*I am glad we chose the SPIC Incubation Centre at the PEC Campus, when we decided to move our business to Chandigarh. We not only had an office in the middle of a great campus, the cost and facilities that were offered were exactly what any start-up would be looking for. Any issues we had during our stay were quickly addressed and the Chandigarh Administration did a sterling job of maintaining the facility. I wouldn't hesitate to say that the time we spend at the SPIC Incubation Centre truly planted us on the way to success.*



**Samar Jain**  
Chief Executive Officer



## WINSHUTTLE™

Winshuttle is an enterprise software product company started in 2003 in Seattle, USA. At the very beginning, they were doing product engineering from Chandigarh, India. After working from the co-founder, Vishal Chalana's home for a couple of years, in 2005, they moved to the incubation centre in SPIC inside the PEC campus. It had a small space of around 500 sqft which was built for around 10 people. After about one and a half years in SPIC, they needed more space and started searching. Currently they have notched up 15000 sq. ft office and are already around 150 people and read to go in for some more space hunting again. Winshuttle Inc Ranked one of the fastest growing SAP solution providers by Inc. magazine in 2007. Winshuttle bagged the Fast tracker award for the year 2007-08 from STPI.

*SPIC provided good infrastructure in terms of connectivity, security, housekeeping etc. We were able to hire good talent while in this office and soon outgrew the space.*

Mr. Vishal Chalana  
Co-founder, Winshuttle



Outline Systems, Inc. (Outline) started their operation in India from SPIC IT Incubation Centre in 2006. They started their business on a small scale with team of 4-5 professionals primarily focusing on enterprise software development and services. Being a CMMI Level-3 company, Outline is an IT solutions and services provider mainly for the insurance industry in US. Their team of domain experts along with ready to deploy techno-functional components presents a unique value proposition to their clients. At present, Outline, having its corporate office in New Jersey US, has more than 120 employees in different departments at their Chandigarh office in to meet their business demands.

*We were provided excellent working facilities in the SPIC Incubation Centre at PEC Campus when we initially started the company in the city. All the necessary support was provided by SPIC with complete satisfaction and with minimum impact to our budget. It was great experience while operated from the SPIC Incubation Centre and it indeed was a big factor in our growth and achieving what we had envisioned.*



Mr. Sunil Vashist  
Director Operations



## Start up Cos @ SPIC IT Incubation Centre

At present 6 start up companies are operating from SPIC IT incubation centre which are dAPPStudio, Maestro Global Services, Exousia, Welkinfort and IndeGeek. Most of these companies have started their venture from this place.

### EXOUSIA

Creating Digital Gorgeousness.



**"The idea of this company was conceived by young IT professionals who quit their job in Bangalore and jointly started this venture. They started their operation in July 2015 and in such a short span they have developed and launched popular mobile apps like; Fingerfry, Night Factory app and website & Dark moon."**



Sahil Kohli CEO & Founder

#### CLIENT FEEDBACK

*My experience with the team at Exousia was amazing. From day one, they were very easy to work with and always there to answer all of my questions. The dedication they have shown towards my project far exceeded my expectations and they were always updating me with how the project was progressing. When choosing someone to develop your idea, it is easy to be overwhelmed by all of the different choices out there. Let me assure you that the team at Exousia will not disappoint. I am so very happy that I chose them to develop my idea and I hope to work with them again in the near future..*

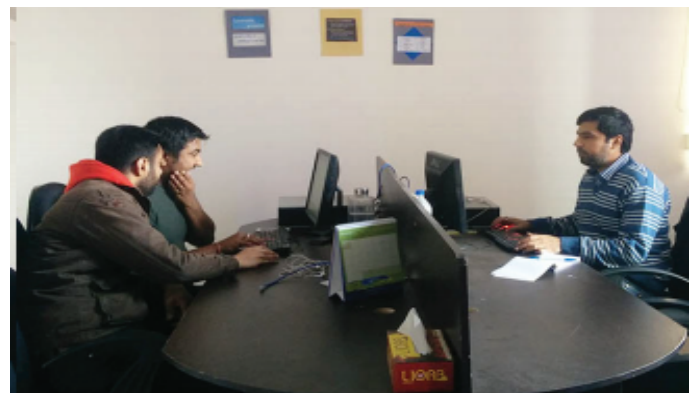


Castiel Hamidi  
Metric & GamerX

### WELKINFORT

Interpreting Ideas..

This is a very young venture started in September 2015 by IT professional which is expanding its wing in the domain of Analytics | Cloud | Information Management | Mobile Application Development | Web Application Development | Supporting Startups through Information Technology computing consultancy.





## C L I E N T



*I've undertaken the services of Welkinfort Technologies to build our website [www.kesarlab.com](http://www.kesarlab.com). we are very pleased with the ongo-ing service, design, finished site and often receive positive feedback from the Emory University sta and students. I would like to thank Pranav and his team for all their work and patience with my e-mails. Wish them all the luck.*

**Trisha Kesar, Assistant Professor, Emory University  
Atlanta**

dAppStudio

This venture has been started by a young IT professional alone with conviction in his ideas. The company is doing some innovate and outstanding work in the field of mobile/website development for its client in UK & US. They have started their operation in March 2015 and with in span of 10 months they are team of 10 professionals.



**"It is a wonderful location for us and we are happy to be here. I feel happy that I'm a part of a legacy Incubator now and we are working twice a hard to mai tain the standards. dAppStudio will always be happy to be in SPIC"**

**Divanshu**





# XENON

Xenon DigiLabs LLP was started in 2014 ( Registered as a Limited Liability Partnership in 2015 ) by a Research Scholar, Domain expertise and 2 young geeks at different places in India, collaborated to serve a Foreign Telecom client for Building real-time analytics tool along with Hadoop cluster management and migration of data application from premises standalone servers to Private Cloud. Now Xenon Digilabs LLP are Building Data-driven Applications for enterprises ,Embedding Internet in every aspects of life, easing the human life using analytics and IoT products; contributing towards high performance, highly available and reliable solutions.



Total 13 years of experience in Telecom and IT for designing, deployment and managed services. Worked with Ericsson, Airtel and Reliance for more than 10 years. Since 2012, working on Cloud and Big Data. Expertise in Delivering large-scale programs that integrate processes with technology to help clients achieve high performance.

**Navdeep Singh Gill - Founder & CEO**

## CLIENT FEEDBACK



We have been working with XenonDigiLabs since 3 months now and they have been phenomenal in developing, customizing and optimizing our big data analytics platform and our fraud solution. Navdeep and team are more than just augmentation members. Their deep expertise in dev ops, big data architecture and performance of big data analytical solutions is very instrumental to Infinilytics' customer implementations.

**Sridevi Ramaswamay**  
*Founder & CEO at Infinilytics Inc.,USA*



In pursuit of Maestro's goal to become the premier provider of big data services and solutions globally, Maestro Global Services India Private Ltd (MGS IPL), has been setup in Chandigarh, India as its Indian arm and Global 2015. This venture has been started by a young IT professional alone with conviction in his ideas. The company is doing some innovate and outstanding work in the field of mobile/website development for its client in UK & US. They have started their operation in March 2015 and with in span of 10 months they are team of 10 professionals.



# INDIGEEKS

IndieGeeks, helps you achieve an indomitable internet presence by creating smooth, interactive, engaging and attractive applications through our adept development solutions, tailor-made to your requirements. Our experienced specialists excel in web development of all kind using different platforms.

We, at IndieGeeks, have a team of app developers with a strategic understanding of an app development process. Designing an app starts with a detailed research into the client, their business model, their clients and their requirements. It's all about you, and our engineers will make it their priority to create the most engaging, user friendly and addictive applications for various



These guys at indiegeeks are excellent and were able to deliver what I needed exactly. Perfect one of not too many that is hard to find. Job delivered on time and with good quality, everything is Working, perfect communication and understanding the projects Goals.

**Kelvin Tan, Supermind Consulting Pvt. Ltd., C.A.**



## MOBILE CENTRE OF EXCELLENCE CELL

In sync with the administration commitment to provide public services " Anywhere,Anytime on Anydevice" Department of information Technology has set up a mobile app development centre of excellence at SPIC which is fully equipped to develop mobile applications across platform such as Android & iOS. This centre has created several popular mobile apps which are dynamic in nature for various department of UT which are quite popular among the general public.

### CTU Bus Guide Mobile App

CTU Bus Guide is a free app that aims to provide quick access to CTU bus stops, routes and timings to the citizens of Chandigarh.

**The application provides information about the following:**

**1. Source And Destination (All routes, Stops and timings):**

Enter source and destination and get all the routes between them along with the bus timings and bus stops.

**2. Bus routes with all day timing:**

Get Route details from starting point to end point with timings. User can also get any bus time details which the bus operates on throughout the day.

**3. Bus Stops with all day timing:**

Get the next buses coming on this stop with time details.

**4. Send Feedback:**

User can send feedback by clicking on the feedback menu from the app and along with his name, phone number, Email user can submit his feedback regarding CTU services, buses, timings, fares etc.

**5. Fares:**

User can get fares details for AC and Non AC Buses by clicking the Bus fares menu from the app.

**6. Call Helpline:**

From the Helpline menu user can directly call the CTU helpline by single click from the app.

**7. Bus Pass Info:**

The bus pass menu offers all the details about the CTU buss pass including Daily pass, Student pass etc.



### myChandigarh MOBILE APP

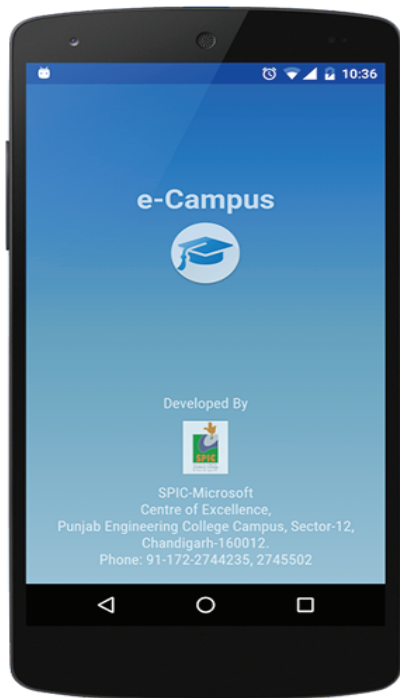
myChandigarh mobile application is a gateway to the hub of smart mobile applications like; mSampark, RLA, e-campus & e-campus mobile app City Bus Guide & e-payment app which can be easily downloaded with a single tap.





## e-Campus

e-Campus Mobile Application is a free app that aims to provide quick access to student profile, marks, subjects, attendance, assignments etc to Government college students in



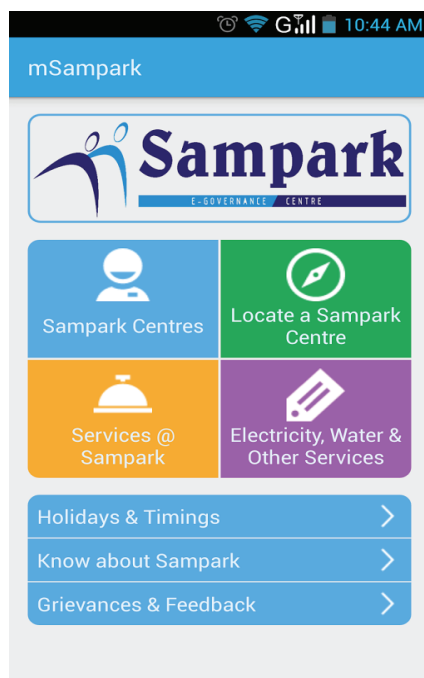
### COLLEGES COVERED UNDER e-Campus APPLICATION ARE

1. Post Graduate Govt. College Sector- 11 (PGGC-11)
2. Post Graduate Govt. College for Girls Sector- 11 (PGGCG-11)
3. Post Graduate Govt. College for Girls Sector-42(PGGCG-42)
4. Post Graduate Govt. College Sector- 46 (PGGC-46,Co-ed)
5. Govt. College of Commerce and Business Administration Sector- 42
6. Regional Institute of English,Sector-32 (Co- ed)

### WHY USE E-CAMPUS MOBILE APPLICATION

1. Get full student profile information.
2. List of marks obtained in each exam.
3. Get latest assignments details.
4. List of subjects.
5. List of teachers as per the subject assigned.
6. Full detail about the fee instalment paid as well as to be paid.
7. Attendance details of each subject.

## mSampark



mSampark is a unique initiative by the Department of Information Technology, Chandigarh Administration which aims at promoting mGovernance in UT Chandigarh. mSampark provides vital information about Sampark centres in the form of a mobile app.

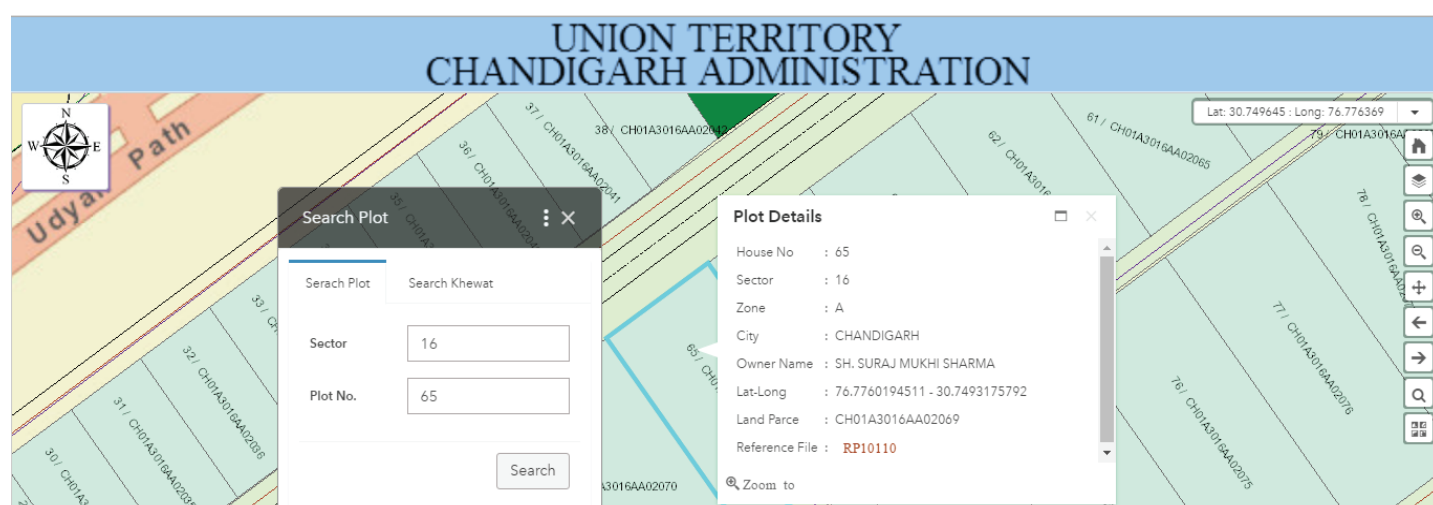
### Features of mSampark :-

1. List of all Sampark, Gram Sampark and Kiosk centres
2. Provision for locating nearest or any Sampark Centres
3. GPS location of all Sampark Centres
4. List of services at Sampark Centres along with requisite document list and service charge information
5. Electricity and Water bill information
6. Status of applications of DC office
7. Sampark Timings
8. List of holidays
9. Grievance and Feedback related information
10. Contact Information



# GEOGRAPHIC INFORMATION SYSTEM (GIS) CELL @ SPIC

SPIC under the aegis of Department of Information Technology has setup a GIS Cell at SPIC Centre of Excellence in year 2016 to undertake GIS projects of Chandigarh Administration. At present in association with Estate Office of Chandigarh, GIS cell is working on the prestigious project of Administration to issue Online Certificate of Property Title. The Project shall certify the ownership rights to the extent of share percentage of the respective property. It shall depict the key map of the Sector where the property lies along zoomed view of the property and adjacent plots. The map is embedded in this PDF through the GIS web service developed in-house by SPIC GIS cell in association with ESRI India.



## Key Feature of the Project are:

1. Display of unique Land Parcel ID apart from mandatory details like file number, site address, name of owner, Father/Husband/Authorized Signatory Name and associated Aadhaar number.
2. Details of Respective share percentage towards the Property.
3. Details of Mortgage related information for this Property.
4. The CAertificate has ownership trail/ legacy details as well as is under process of integration with Sub Registrar Office where the Sale Deed, Transfer etc are executed.
5. The Unique feature of the Certificate is that apart from it been digitally signed it has a QR Code embedded. On scanning the QR Code from any Smart Mobile the latest Certificate showing the Property Title/Ownership would be displayed. Thus reducing the cases of cheating/ malpractice etc. and provide clean title.
6. It is an intranet application developed by Estate Office in association with Infosys, Chandigarh. The request for transfer is accepted at the diary branch at Estate Office and the processing on the scanned application takes place at every level till the approving authority (AEO/ Estate Officer) approves the transfer.
7. The Certificate apart from QR code can also be searched via Estate Office Website by entering the text information at search or via GIS enabled map.
8. The Proof of Concept has been done and upon suggestion from all Stakeholder the pilot phase of the project shall be initiated.



# HUMAN RESOURCE

SPIC provides end-to-end consulting services to the government departments of Chandigarh Administration. SPIC provides different Services in the Domain of Human Resources consultancy which are; Human Resource Planning , Human Resources recruitment & Selection, Dispersing of salaries of deployed manpower & maintaining ESI, PF accounts of the deployed manpower.

SPIC has deployed manpower like; Assistant Professor, junior Auditor, Accountant, Software Developer, Database Administrator, Web Developer, Programmer , Computer Instructor, Data Entry Operator. More than 200 manpower has been deployed through SPIC to various Departments like; Social Welfare, State Transport Authority, High Court, Department of Excise & Taxation & Education Department.

## Recruitment Process

