



INFORMATION TECHNOLOGY FOR WOMEN

Empowering Women With Skills
in Information Technology



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AISECT'S PREAMBLE

India's leading Social Enterprise, AISECT has been instrumental in delivering quality Education, Skill Development, Financial Inclusion and other ICT-based services that builds careers for students and brings about inclusive changes in the previously untapped semi-urban and rural areas of the country. Established in 1985, AISECT has been working towards bridging the skill and ICT gap between urban and rural India and creating local opportunities for the rural youth. Focused on creating an inclusive society, AISECT has been untiringly reaching out to the remotest corners of the country to empower people, generate employment for the youth and unfold entrepreneurial initiatives.

AISECT's determined efforts towards social development had been published earlier as series named "PEHEL". These initiatives were:

1. MULTIPURPOSE ELECTRONICS AND INFORMATION TECHNOLOGY CENTRES-Promoting I.T. Entrepreneurship Employment and Maintenance in Rural Areas
2. INDIRA SUCHNA SHAKTI YOJNA – One of the Biggest Computer Education Projects in Schools in India
3. INFORMATION TECHNOLOGY FOR WOMEN -Empowering Women with Skills in Information Technology
4. SUCHNA MITRA – Making People Partners in E-Governance
5. I.T. YATRA – A Campaign for Taking Information Technology to People
6. AISECT PUBLICATIONS – Creating Contents in Indian Languages
7. ENTREPRENEURSHIP DEVELOPMENT PROGRAMS

AISECT has been working towards its mission of delivering its services to every nook and corner of the country in the past years and is dedicated towards bringing a social change through its initiatives. AISECT will continue to publish these new initiatives in the field of education, skill development and services by the name "SAMARTH".

AISECT is aligned to the Government of India's key Missions of Digital India, Skill India, Start Up Stand Up, Financial Inclusion, Women Empowerment and will continue to work towards developing a New India. AISECT is committed towards spreading its array of services to reach the unreached and will continue to deliver quality Education, Skill Development, Financial Inclusion and other ICT-based services.

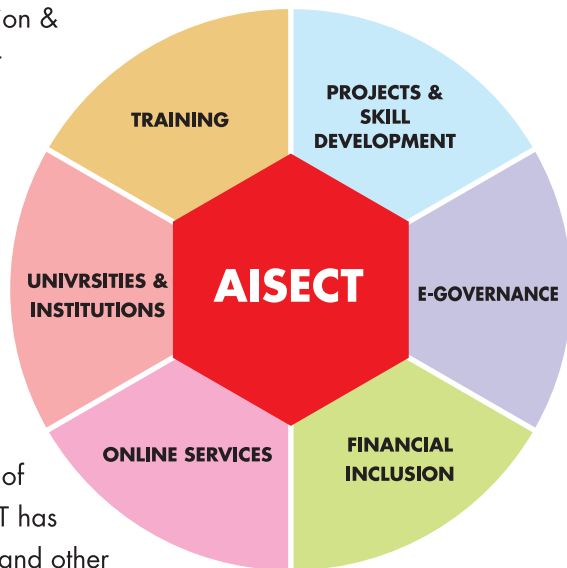
ABOUT AISECT

India's **leading Social Enterprise**, AISECT has been instrumental in delivering quality **Education, Skill Development, Financial Inclusion** and other **ICT-based services** that builds careers for students and brings about inclusive changes in the previously untapped semi-urban and rural areas of the country. Established in 1985, AISECT has been working towards **bridging the skill and ICT gap between urban and rural India and creating local opportunities for the rural youth**. Focused on creating an inclusive society, AISECT has been untiringly reaching out to the remotest corners of the country to empower people, generate employment for the youth and **unfold entrepreneurial initiatives**.

With a PAN-India presence of **20,000 Centres across 29 States and 3 Union Territories, 11 State offices and 36 Regional offices**, Adopting the **most self-sustainable, demand-led model**, the AISECT model reflects the demand side of communities for various skills and services required in the unorganized sector. Having successfully set up **India's biggest entrepreneurial driven network at the district (464), block (1358) and Panchayat (7119) levels**, AISECT has **generated more than 15,000 rural entrepreneurs** with an annual income ranging from Rs. 2 lakh to 1 crore.

Pioneering the 'Multipurpose Centre' Model,

AISECT utilized their existing Education & Training Centre infrastructure to offer numerous services including skill development, capacity building, information window, maintenance and repair, sale of allied products and services, e-Governance through Common Service Centres (CSC), banking and insurance services, etc. Initiating strategic innovations to reach out to its target audience which comprises primarily of semi-urban and rural masses, AISECT has initiated IT content creation in Hindi and other regional languages.



AISECT Network



-  Headquarter
-  Delhi Office
-  Skill Knowledge Provider Centres
-  State Offices

PAN-India Presence:

- 29** States
- 3** Union Territories
- 388** Districts
- 1,070** Blocks
- 6,000** Panchayats

Offices:

- 20,000** Centres
- 10** State Offices
- 30** Regional Offices

Connected with:

- 20 Lakh** people trained
- 15,000** Rural entrepreneurs generated
- 11 Lakh** recruitments
- 50 Lakh** people empowered

INFORMATION TECHNOLOGY FOR WOMEN

AISECT primarily works in seven verticals. In their endeavour to uplift and empower the rural and semi-urban masses, AISECT's unique value proposition has helped in the advancement of Educational Academies, Skill Development, Capacity Building Projects, Common Service Centres, Banking Services, Rural Job Placements and Higher Education Institutions.



Skill Development and Vocational Education :

AISECT has been working in the field of skill development and training for the past 31 years and have reached the remotest corners of the country. It is a pioneer in imparting skill development courses in local language which explains its reach at the grassroots. AISECT's reach within the country is aptly showcased through a Demographic Pyramid whereby the penetration of AISECT's various activities is highest at the bottom.

AISECT Target Segments



The Indian Pyramid and its Digital and Skill Divide

With the evolution of AISECT by working in the field of skill development some major learnings which differentiated it are as follows :

AISECT's Differentiating Factors and Learnings in the field of Skill Development

Pioneering 'Multipurpose IT Centre' Model	Course Material creation in Local Languages	Creation of an Entrepreneurial & Demand led Model	Innovative Mobilization Campaigns
Forging Developmental Linkages with ongoing Government Initiatives	Creating an 'Access Anywhere' MOOCs: aisectonline.com	Creating an innovative online & offline Placement support portal: Rojgarmantra.com	Integrating Skill Development within the Higher Education Framework
Launching India's first Community Radio station by a University	Introducing Online Live Lectures through Distance Learning Centres	Continuous addition of Emerging Vocations	In summary trying to Organize the Unorganized Sector



AISECT – NSDC Partnership:

AISECT joined hands with NSDC with the mission to skill around 1.3 million youth across rural and semi-urban India in 2012, in seven of the twenty-one priority sectors identified by NSDC. The seven sectors identified by AISECT for training the youth are IT and ITES, Electronics and Hardware, Banking and Financial Services, Teacher and Assessor Training, Textiles, Organised Retail and Agri skills. These are the sectors which are estimated to have the highest contribution towards the requirement of skilled workforce in the country over next ten years. Under this partnership AISECT has also been affiliated with 12 Sector Skill Councils formed under NSDC.

The main objectives of this partnership were :

- To **expand the skilling and training facilities of AISECT**, first in the rural and backward regions of states such as Madhya Pradesh, Chhattisgarh, Jharkhand, Bihar, Rajasthan, Uttar Pradesh, Orissa, Maharashtra and Punjab and then expand across the country.
- To **undertake massive “Training of Trainers”** program to improve the quality of skill training and to up skill the technology utilization of trainers in training.
- To **utilize the nearly 6,000 Common Service Centres (CSCs)** set up by AISECT at the Panchyat Level across Madhya Pradesh, Chhattisgarh & Punjab for skilling youth.
- To **link skill development programs with university education** and to set up Vocational Academies or Skill Resource Centers within the two AISECT Universities.
- To **support the skill development training programs by providing placement** services both online and offline to the trained manpower.
- To **expand and develop the AISECT Content Creation Center** as the backbone of the ongoing skill development efforts.

INFORMATION TECHNOLOGY FOR WOMEN

Thus, AISECT has been contributing to the Skill India Mission through the following initiatives :

SSDM	NULM/SUDA	CENTRAL MINISTRIES	NSQF
STATES (11)	STATES (12)	SCHEMES : STATES	STATES (11)
RSLDC	MP	DDUGKY: MP	HARYANA
OSEM	UP	DDUGKY: GUJARAT	RAJASTHAN
BSDM	CG	DDUGKY: HARYANA	DELHI
UPSDM	BIHAR	DDUGKY: PUNJAB	JHARKHAND
CSSDA	JHARKHAND	EDCIL	MP
GLPC	GUJARAT	MoMA, MoD	CG
PSDM	MIZORAM	MANAS	PUNJAB
JSDM	MAHARASTHRA	NEEM	W BENGAL
APSSDC	PUNJAB	MSSDC	H P
ASDM	ARUNACHAL PRADESH	SILF	ODISHA
PBSSDM	J & K		ANDHRA PRADESH
	WEST BENGAL		



Higher Education :

A path-breaker in the field of ICT and skill-based education and training, AISECT has positively empowered millions of lives through their educational initiatives over the last 31 years. The Group has established several premier higher education institutions at locations which were in dire need of quality higher education institutions. In 2006, **Dr. C.V. Raman University, central India's first private university,** was established in Chhattisgarh and has empowered thousands of students with industry-oriented skills. Moreover, **India's first skill-based private university, AISECT University, Bhopal** strives to impart skill-based quality education and promote research driven advancement of knowledge for creating successful professionals. Established by the AISECT Group in 2010, it has carved a niche for itself in Madhya Pradesh. This need of imparting skill based higher education motivated to established **AISECT University, Jharkhand.** Furthermore, **SCOPE Group of Institutes** (SCOPE College of Engineering and SCOPE College of Education) has been established in Bhopal. With strong industry linkages, AISECT's focus lies in the holistic learning and development of a student in order to ensure the effective application of knowledge for a secure future.



AISECT School Services :

AISECT's rich experience in the education sector has led to the establishment of a series of educational ventures, **Brainy Bear Activity Club & Pre-School**, Brainy Bear Publications and multimedia school content for students from kindergarten to class 12th that provides cost-effective, interactive learning solution to children.

AISECT has successfully integrated itself in the pre-school segment by establishing **Brainy Bear Pre-school and Activity Club chain**, aimed at providing first-of-its-kind affordable pre-schooling chain in tier 2 and 3 cities. It has also included other programs like, Mother Toddler Program and After School Program. AISECT's pre-schooling chain in the rural areas was initiated as Brainy Bear Prarambh. With over 16 centres launched within 1 year, AISECT's Brainy Bear Pre-school and Activity Club chain has successfully enrolled more than 500 students in an attempt to provide affordable and quality early childhood education to students of semi-urban and rural India.



Online Education :

Giving shape to AISECT's endeavor to support the Skill India and **Sarva Shiksha Abhiyan** movements, **aisectmoocs.com was established as India's largest free online open learning platform**. AISECT in association with Ireland-based ALISON, offers inclusivity in education by giving students in the remotest corners of the country easy and free access to world-class course curriculum with over **2000 free certificate/diploma courses available in both English and Hindi**. In a blended model students enrolled for an AISECT MOOC course will have the choice of studying at home or coming to the AISECT Centre to make use of the available facilities.

AISECT has also launched a portal '**aisectonline.com**' to empower students in the remotest corners of the country with anywhere, anytime access to education.

AISECT has also initiated concentrated efforts in various B2C services such as mobile and DTH recharge, examination form download and submission, railway ticket booking, data entry operations etc., to make such services more accessible to the common man by integrating with government departments, private businesses and other organizations.



Financial Inclusion and e-Governance Services :

Keeping in mind the urgent need for **Financial Inclusion** in the country, AISECT has successfully established a Financial Inclusion model that has been synchronizing more and more services through the AISECT's Multi-purpose ICT enable centres in rural areas. AISECT has set up over **4000 banking kiosks** in association with **3 nationalized banks and 2 regional rural banks with 88 lakh accounts opened so far and transactions worth Rs. 5000 crores**, initiated mobile ATM services, and started offering renewal premium collection services for reputed insurance companies.

AISECT's prestigious Common Service Centre Project, under the Government of India, was a resonating success and led to the establishment of 2926 CSCs in Madhya Pradesh, 1487 in Chhattisgarh and 585 CSCs in Punjab. Apart from AISECT's core education, training & B2C services, these CSCs provided services under schemes like Jan Sunwai Kendra, Farmer Registration, PFRDA, MP Online, National Population Register, MNREGA, PAN Card as well as Suvidhaa Online. The AISECT's CSCs in M.P, Chhattisgarh and Punjab also functioned as the permanent UID (Aadhar) Card Enrolment Centres. Recently AISECT has also established 300 E-Mitra Kiosks in Rajasthan which are providing government services to the citizens



Placement :

Focused on bridging the demand and supply gap in the job market, AISECT has established India's biggest rural job portal, **Rojgar Mantra**. Rojgarmantra.com is a one-of-a-kind job portal focused on providing relevant employment opportunities and related services to the job seekers while at the same time providing a medium for employers to recruit suitable skilled and semi skilled manpower. With over 3 lakh job seekers already registered with the portal, Rojgar Mantra is poised to be the biggest rural job placement initiative of India.



Award & Accolades :

A true path-breaker in terms of its vision, reach and passion for spreading education, technical expertise, generating employment as well as revenue opportunities for the previously untapped semi-urban and rural areas of the country, AISECT has won numerous awards and recognitions at national as well as international platforms. Recognized as “the most sustainable and scalable form of IT penetration & popularization in India” by the World Bank-IIM (A) Joint Report, AISECT has been working towards bridging the skill and ICT gap between urban and rural India. It has also been recognized by UNDP for its innovative ICT based vocational training to youth in rural and semi-urban India. The organization has been a recipient of prestigious awards like the Schwab Foundation's Social Entrepreneur of the Year Award instituted by the World Economic Forum as well as the Ashoka Senior Fellowship for AISECT's Chairman & Managing Director Mr. Santosh Choubey, Indian Innovation Award, Manthan Award South Asia & Asia Pacific, Skoch Corporate Leadership Award, NASSCOM I.T. Innovation Award, ASSOCHAM Excellence in Education Award, NASSCOM EMERGE 50 Leader Award, Golden Icon National e-Governance Award, TiE Lumis Partners Entrepreneurial Excellence Award, World Education Summit Award, Inc India 500 Award, Asian Forum i4d Award and Best Practice Recognition Award by the National Skill Development Corporation (NSDC).



eGov India Award 2011



TIE Lumis Partners Entrepreneurial Excellence Award 2009



Indian Innovation Award 2005



Social Entrepreneur of the Year Award 2010



Shiksha Ratna Award 2012



Skoch Corporate Leadership Award 2013



Golden Icon National E-Governance Award 2005



Financial Inclusion & Payment Systems Award 2013



Bihar Innovation Forum Award



27th amongst the fastest growing mid-size businesses in India 2013



ASSOCHAM National Education Excellence Awards (AISECT University)



NASSCOM Emerge 50 Leader Award 2009



ASHOKA Senior Fellowship 2011



The National CSI Award 2011



NASSCOM I.T. Innovation Award 2006



Manthan Award South Asia & Asia Pacific 2012



Voted amongst the top 100 franchises in 2010 and 2013



Elets Smart City Award, 2015 for Skill Development Initiatives



Asian Forum i4d Award 2007

1. BACKGROUND

The All India Society for Electronics and Computer Technology (AISECT) is a leading NGO of India specialising in training in electrical, electronics, telecommunications and information technology. Keeping to the very nature of this technology, AISECT has been very active in its dissemination among women. Starting from the training of Bhopal Gas Tragedy affected women in electronics repair and maintenance and in Information Technology in 1988, it has gone on to take up specialised training programmes for tribal girls in five districts of Chhattisgarh and Orissa, has set up all women I.T. Centres in thirteen states of the country and has also taken up a massive programme of empowering over 1,00,000 rural and tribal girls through information technology in the schools of Chhattisgarh. AISECT's efforts in promotion of I.T. are being buttressed by formation of Self Help Groups of underprivileged women and by a separate entrepreneurship development campaign for women based on Science and Technology inputs. This booklet captures some of the highlights.



2. AN I.T. CENTRE FOR GAS AFFECTED WOMEN IN BHOPAL

AISECT has been involved in the relief and rehabilitation of Bhopal Gas Tragedy victims from the very beginning. It has trained a batch of gas affected women in Software courses in 86-87 with the support of Computer Maintenance Corporation (CMC, GoI). Later, the Department of Science and Technology also accorded AISECT a project for training 40 gas affected women in electronics and computer related trades.

INFORMATION TECHNOLOGY FOR WOMEN

The Madhya Pradesh government in 1998 allotted a workshed to AISECT for conducting regular training programmes for gas affected persons in electronics, computers and telecommunications. The Deptt. of Science and Technology (GoI) in the year 2000, sanctioned a project to AISECT for training gas affected women in Information Technology related trades.

The centre has been set up in 1998 and the Project was inaugurated by the Minister for Gas Relief and Rehabilitation Govt. of M.P. on 16th October 2000. The centre is conducting short-term and long term training programmes in electronics, computers and telecommunications for gas affected women and their dependents. Considering the demand the intake capacity has later been extended to over 150.



3. INFORMATION TECHNOLOGY CENTRES FOR WOMEN IN THIRTEEN STATES

AISECT has set up thirteen all women information technology centres in thirteen states of the country which are not only providing information technology training and services in their area but are also providing entrepreneurship training to women and are catalysing new all women technology centres in these states. Over 87



women centres have been set up by AISECT in entrepreneurship mode. Many of these centres are in rural and tribal areas.

AISECT has prepared extensive guidelines for women entrepreneurs and a separate entrepreneurship training module for training of women entrepreneurs. Regular entrepreneurship development programmes are being conducted for women in electronics and information technology and employment opportunities in non traditional areas like hardware maintenance, telecommunications are being created. The thirteen nodal all women I.T. centres set up by AISECT are given below :

Sr. No.	Centre Location	State
1	Alwaye	Kerala
2	Ravangla	Sikkim
3	Bolangir	Orissa
4	Port Blair	Andaman Nikobar
5	Ghisarpadi	Uttaranchal
6	Manipal	Karnataka
7	Raipur	Chhattisgrah
8	Pondicherry	Pondicherry
9	Ajmer	Rajasthan
10	Nagpur	Maharashtra
11	Ranchi	Jharkhand
12	Barmer	Rajasthan
13	Agartala	Tripura

A brief description of these centres is given in the following pages :

ALWAYE (KERALA)

COURSES CONDUCTED

1. Diploma in Computer Application
2. Desk Top Publishing
3. Certificate in Computer Application

OTHER ACTIVITIES

- Conducted DTP Training for Community Development Society
- Computer Training to kids of orphans
- Training for School Students



RAIPUR (CHHATTISGARH)

COURSES CONDUCTED



1. Honours Diploma in Computer Application
2. Post Graduate Diploma in Computer Application
3. Advance Diploma in Computer Application
4. Short Term Courses
5. Certificate Courses
6. Basic Electronics
7. Radio & Tape Recorder Repair.



OTHER ACTIVITIES

- Conducted Women EDP.
- Various Theme Camps for Girls and Women
- Co-ordinating ISSY Programmes
- Training in Schools

PONDICHERRY

COURSES CONDUCTED

1. Certificate in Computer Application
2. Diploma in Computer Application
3. Post Graduate Diploma in Computer Application
4. Advance Diploma in Computer Hardware Networking
5. Diploma in Computer Programming and Application
6. Tele Instrument Repair
7. Typewriting (Hindi/English), Word processing
8. Diploma in Electronics and Computer Hardware Engineering
9. Diploma in e-commerce
10. Masters Diploma in Software Engineering



OTHER ACTIVITIES

- Training under SJSRY Scheme
- Conducted women EDP
- Accounting Training for Self Help Groups
- Developed Health Software
- Training in Schools
- Quiz Competition in Schools



RAVANGLA (SIKKIM)

COURSE CONDUCTED

1. Certificate course in Computer Application
2. Office Automation
3. Short term Courses

OTHER ACTIVITIES

- Special Programme for rural unemployed women
- Training in Schools



AJMER (RAJASTHAN)

COURSES CONDUCTED

1. Certificate course in Computer Application
2. Honours Diploma in Computer Application
3. Post Graduate Diploma in Computer Programming and Applications
4. Post Graduate Diploma in Computer Applications
5. Diploma in Computer Programming and Applications

OTHER ACTIVITIES

- Computer Training for School Teachers
- Training to School Students

PORT BLAIR (ANDMAN & NICOBAR)

COURSES CONDUCTED

1. Diploma in Computer Application
2. Diploma in Computer Programming and Application

OTHER ACTIVITIES

- Training in Electrical & Electronics Courses
- Data Processing
- University Level Programmes



BOLANGIR (ORISSA)

COURSES CONDUCTED

1. Certificate Course in Computer Application
2. Diploma in Computer Management
3. Diploma in Computer Programming and Applications
4. Post Graduate Diploma in Computer Programming and Applications
5. Diploma in Computer Programming

OTHER ACTIVITIES

- DWCRA
- Swarna Jayanti Swa Rojgar Yojana
- Co-ordinating College Programme
- Conducted women EDPs.
- Screen Printing & DTP Job work



NAGPUR (MAHARASHTRA)

COURSES CONDUCTED



1. Diploma in Computer Programming and Applications
2. Post Graduate Diploma in Computer Programming and Applications
3. Diploma in Desk Top Publishing
4. Honours Diploma in Computer Programming and Applications
5. Honours Diploma in Computer Applications
6. Short Term Courses
7. Certificate Courses
8. Masters Diploma in Software Engineering
9. Computer H/W training

OTHER ACTIVITIES

- I.T. Awareness Camps in Schools
- Free Training for Senior Citizens
- Free Training for House Wives
- Special Courses for kids
- Training in schools

MANIPAL (KARNATAKA)

COURSES CONDUCTED

Various short term and long term computer training programmes. Located in the women's technology park.



GHISARPADI (UTTARANCHAL)

COURSES CONDUCTED

Various short term and long term computer training programmes. Located in the women's technology park.

HAZARIBAGH (JHARKHAND)

COURSES CONDUCTED

All AISECT software and hardware courses and University programmes.

BARMER (RAJASTHAN)

COURSE CONDUCTED

1. Certificate Course in Computer Application
2. Post Graduate Diploma in Computer Application

Located in Women's Technology Park.

AGARTALA (TRIPURA)

COURSES CONDUCTED

1. Certificate Course in Computer Application
2. Certificate Course in Computer Office Automation
3. Diploma in Computer Programming and Application



PROVIDING CENTRAL SUPPORT SERVICES TO THE CENTRES

AISECT has been acting as support centre to provide the following services to the centres :-

- Support in conducting initial Survey and choice of activities.
- Technical support in equipment selection, procurement and installation.
- Network the centres and help them in conducting governmental Programmes like SJRY, Computer literacy in schools and others, thus increasing their economic viability.
- Design of new courses and activities.
- Interlinking with state Govt. and Central Govt. departments and institutions.
- Centralised publicity.
- Certification and Examination.

AISECT has also prepared the following material for providing academic support to these centres :

- A training module for trainers to conduct Entrepreneurship Development Programmes (EDPs).
- Detailed guidelines for setting up a women's centre.
- 14 modules on computer short term courses.
- 4 modules on computer hardware maintenance and repair.

4. ENTREPRENEURSHIP DEVELOPMENT

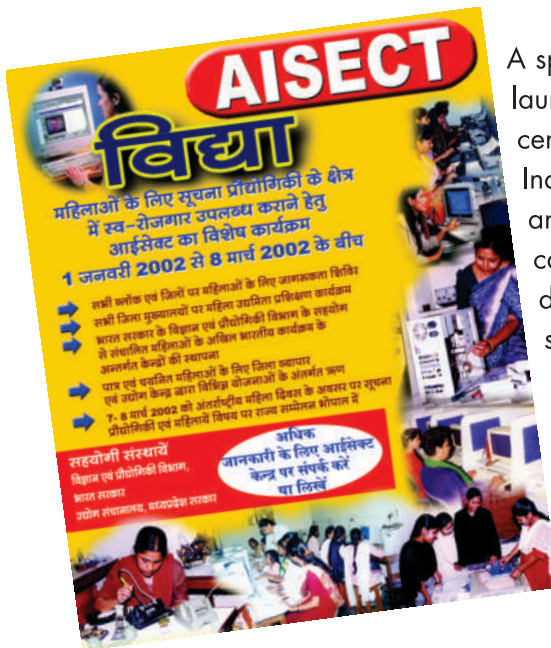
A plan has been devised for conduction of EDP's for multiplication of such type of centres. The EDP's have been conducted at the following locations :

- Nagercoil (Tamilanadu)
- Hazaribagh (Jharkhand)
- Bolangir (Orissa)
- Trivandrum (Kerala)
- Bilaspur (Chhattisgarh)
- Raipur (Chhattisgarh).
- Pondicherry (Pondicherry)
- Nagpur (Maharashtra)



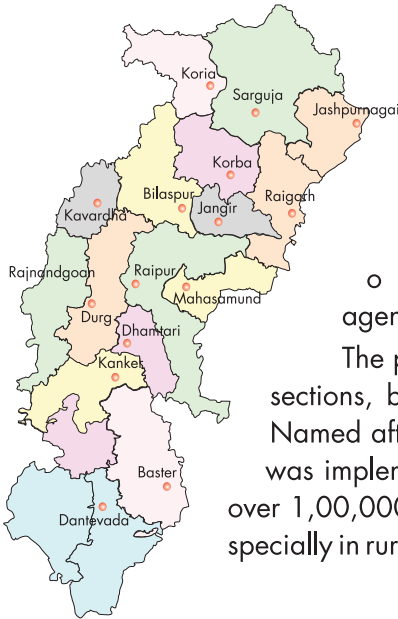
An EDP manual has been prepared specially for this purpose.

5. VIDYA A CAMPAIGN ON I.T. FOR WOMEN



A special campaign on I.T. for Women " Vidya" was launched by AISECT on setting up I.T. based women centres in Madhya Pradesh with the help of Deptt. of Industries (Govt. of M.P.) and Department of Science and Technology (GoI). Entrepreneurship awareness camps and training camps were conducted in all the districts and a large number of women centres were set up during and after the campaign.

6. **INDIRA SUCHNA SHAKTI YOJANA**



THE PROJECT

Indira Suchna Shakti Yojana was one of the most prestigious programmes of AISECT. Conducted in close collaboration with Govt. of Chhattisgarh and CHIPS (Chhattisgarh Information Technology Promotion Society), the programme attracted attention of various State Governments, National and International agencies.

The project aimed at empowering girls, belonging to weaker sections, by imparting them basic skills in Information Technology. Named after former Prime Minister Mrs. Indira Gandhi, the project was implemented in over 1268 Schools in Chhattisgarh benefitting over 1,00,000 girls. It received very good response from the students, specially in rural and tribal areas.

COURSE CONTENTS

The training programme was conducted at two levels. While the first level was for 9th and 10th standard students the second was for 11th and 12th standard students.

The course contents at these two levels were as follows:

For class 9th and 10th:

- ❑ Computer awareness, historical developments in computing, milestones, anatomy of a computers and basic structural components.
- ❑ Overview of Operating System, DOS, Windows, Windows Explorer.
- ❑ MS-Word, MS-Excel.
- ❑ Languages of computer, Programming in BASIC, problem solving techniques.
- ❑ Multimedia and Internet.

For class 11th and 12th:

- ❑ Computer concepts, anatomy of computers and basic structural components.



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- ❑ Overview of Operating System, DOS, Windows, Windows Explorer.
- ❑ Software concepts and computer languages.
- ❑ MS-Power Point, MS-Access.
- ❑ Programming in C++.
- ❑ Multimedia and Internet.
- ❑ Overview of Operating Systems, DOS, Windows, Windows Explorer.
- ❑ MS-Word, MS-Excel.
- ❑ Languages of computer, Programming in BASIC, problem solving techniques.
- ❑ Multimedia and Internet.



COURSE MATERIAL

Separate course material has been developed by AISECT in Hindi and for Indira Suchna Shakti Yojana as per the above course contents. Four separate books have been prepared for 9th/10th/11th/12th standard students as follows.

● Computer Parichay Evam Anuprayog	Part I
● Computer Parichay Evam Anuprayog	Part II
● Computer Parichay Evam Anuprayog	Part III
● Computer Parichay Evam Anuprayog	Part IV

A C.D. containing the above course material, free domain software, computer games and interactive material were also provided in the schools.



INFRASTRUCTURE

S.No.	Type	Specifications
01.	Computer	<ul style="list-style-type: none"> • Pentium III or above processor. • 512 KB Cche • 64 MB 100 MHZ SDRAM • 10 GB Hard Disk Drive • 1.44 MB FDD • One Printer Port, Two Fast Serial Port • 1 PS/2 Port, 1 KBD port • 108 Keys Keyboard • 14" SVGA Colour Monitor • 40X or Higher CD ROM drive • 10/100 Mbps Ethernet Card with UTP port • Support for drivers for WIN98/WIN NT • Intel Mouse with Pad and Driver software • MultiMedia Kit with Matching Speakers
02.	UPS	UPS of appropriate capacity and about 30 minutes backup.
03.	Modem	56 kbp Fax, Voice, Data Modem.
04.	DMP	24 Pin, 136 Col., 300 CPS Dot Matrix Printer.

COVERAGE

The training programme has been getting very good response specially in the rural areas. The district wise number of schools and registered students as on 1st October 2002, are given in the following table :

S.NO.	REGION	DISTRICT	NO. OF* SCHOOLS	NO. OF STUDENTS
1	BILASPUR	BILASPUR	129	12,881
2	BILASPUR	JANJGIR	93	9,252
3	BILASPUR	JASHPUR	37	6,690
4	BILASPUR	KORBA	57	5,301
5	RAIPUR	KORIYA	40	4,168
6	BILASPUR	RAIGARH	96	7,256
7	BILASPUR	SARGUJA	92	8,319
8	BILASPUR	BASTER	91	6,900
9	RAIPUR	DANTEWADA	26	2,062
10	RAIPUR	DHAMTARI	40	3,682

INFORMATION TECHNOLOGY FOR WOMEN

S.NO.	REGION	DISTRICT	NO. OF* SCHOOLS	NO. OF STUDENTS
6	BILASPUR	RAIGARH	96	7,256
7	BILASPUR	SARGUJA	92	8,319
8	BILASPUR	BASTER	91	6,900
9	RAIPUR	DANTEWADA	26	2,062
10	RAIPUR	DHAMTARI	40	3,682
11	RAIPUR	DURG	172	12,617
12	RAIPUR	KANKER	52	4,356
13	RAIPUR	KAVARDHA	19	2,200
14	RAIPUR	MAHASAMUND	48	2,641
15	RAIPUR	RAIPUR	164	10,469
16	RAIPUR	RAJNANDGAON	98	6,200
		TOTAL	1268	110334

LINKING UP SCHOOLS WITH DEVELOPMENTAL PROGRAMS

The year 2002 saw new innovations and initiatives emerge around the ISSY schools. For example WILL phones are being introduced in the school and they are being networked with the Tehsil level server so that land records can be distributed through the schools. The school computer centre is also becoming a library cum information centre. Information Technology for Masses campaign has been launched keeping the ISSY schools in the centre. Jan Rapat or Human Development Report is proposed to be computerised through ISSY schools. Thus the ISSY schools are becoming a hub of social action and knowledge in their area.

I.T. OLYMPIAD FOR SCHOOL CHILDREN

An I.T. Olympiad was conducted for school children in 2001 in which over 50,000 children in two groups- 9th to 12th and 6th to 8th, participated. The first level test of this olympiad was conducted at the school itself, the second level at the district and finally, the district level winners competed for state honours in Raipur. The state winners were given computers in prizes and over 100 winning teams were given various awards. The I.T. Olympiad generated large scale interest among students of chhattisgarh and has become an annual feature.



I.T. YATRA 2001

To carry its campaign of popularising information technology further, an I.T. yatra 2001 was conducted in Chhattisgarh around the ISSY schools. The mobile I.T. Yatra, containing an I.T. van, poster exhibitions, book exhibitions, electronic kits and similar other publicity material went to over 100 schools and panchayats in Mahasamund, Raipur, Dhamtari, Kanker, Bastar, Dantewada and Durg districts. In all these places I.T. melas were conducted in which various activity corners were organised and lecture-demonstrations for general public were arranged. The yatra.

culminated into a National conference at Raipur, which was inaugurated by the Chief Minister Shri Ajit Jogi. Over 1000 scientists, engineers, teachers and information technology enthusiasts and experts attended this conference and deliberated on topics like information technology for masses, information technology for education and development, e-governance or people's governance, advances in software and hardware technology and such other areas. I.T. Yatra 2001 was followed up by a mass campaign in 2002.



INFORMATION TECHNOLOGY FOR MASSES CAMPAIGN

सबबो बर कम्प्युटर अभियान

An I.T. for Masses campaign was launched in Chhattisgarh in the year 2002. The campaign was conducted around the Indira Suchna Shakti Yojana schools. Under this campaign, parents of the schools children, govt. officials from the field and interested citizens are invited to the ISSY school computer centres for understanding the basic functioning of computers and their use. A booklet has been prepared in Chhattisgarhi also for the general public. This provides a brief introduction to computers.

The campaign was launched from Bilaspur district where NASSCOM Chairman Dr. Kiran Karnik, Chief Minister Shri Ajit Jogi, Education Minister Shri Satyanarayan Sharma, Information Technology Minister Shri Mahendra Karma and AISECT Director Shri Santosh Choubey alongwith State Coordinators, District Managers, student and teachers were



INFORMATION TECHNOLOGY FOR WOMEN



present. It was followed up in Baster and Ambikapur divisions in the months of October and November. The campaign was in fact expanded to the whole state in November. An estimated number of over 10 lakh citizens are going to be benefitted from this campaign popularly known as Sabbo Bar Computer Abhiyan.

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7. SELF HELP GROUPS

AISECT in 2000-2001 started setting up self help groups in Tikamgarh (M.P.) In the following year two more districts, namely Raipur and Bilaspur in Chhattisgarh have been included in the SHG effort.

In Tikamgarh district, 64 self help groups have been formed in 15 villages with a total membership of 847. The groups have undertaken both community based and individual/group based self help initiatives. While creating community assets like community halls, clean toilets, meeting places, sewage systems, ponds, nurseries, Nadep facilities, wells and their maintenance have been taken up by the community, individuals and groups have set up centres for collection and processing of forest produce, vegetables, cultivation forms, poultry and goatry centres, wood and metal processing centres grain banks and such other rurally useful science and technology based centres.

In Raipur and Bilaspur districts 80 groups are functional. In Raipur 15 villages having 476 members and in Bilaspur 24 villages having 539 members are covered. These groups are engaged in training in group formation, organisation of awareness camps and theme camps, mobilisation campaigns, awareness about food and nutrition, and such other activities. AISECT has been able to reach out to rural women through these activities. A guidance and counselling package has been developed by AISECT on C.D.



8. CONCLUSIONS

- Information Technology offers itself as one of the most suitable technologies for providing employment and self employment opportunities for women.
- The perspective of women is more utilitarian and they prefer to apply the knowledge and skills in I.T. to their immediate environs.
- The percentage of women joining I.T. courses in urban areas is over 40% and that in rural areas over 25%.
- Girls in rural and tribal areas have shown specific interest in picking up I.T. skills specially in Chhattisgarh.
- Girls can also be trained in non traditional areas like repair and maintenance of computers and telecommunication equipment.
- Women entrepreneurs can also set up I.T. centres very successfully and they should be encouraged do so.
- A lot of I.T. related areas and services can be opened up for providing enhanced income to women

WOMEN'S INFORMATION TECHNOLOGY CENTRES
IN VARIOUS STATES SUPPORTED BY AISECT
(as on 01/01/2004)

Sr.No.	District	Name	Location
MADHYA PRADESH			
1	Balaghat	Rekha Latore	Bisoni
2	Jabalpur	Mani Dubey	Jabalpur
3	Jabalpur	Ranjana Gupta	Jabalpur
4	Jabalpur	Vandana Patel	Jabalpur
5	Jabalpur	Chitra Jain	Jabalpur (Adhartal)
6	Jabalpur	Deepthi Singh	Jabalpur [Adhartal]
7	Jabalpur	Pratibha Prasad	Jabalpur [Udaynagar]
8	Jabalpur	Sandhya Borkar	Ranjhi
9	Katni	Sarita Katore	Katni
10	Katni	Manisha Kankane	Katni
11	Katni	Neelima Mathur	Keymore
12	Katni	Gunmala Chittora Jyoti Rajput	Rithi
13	Narsinghpur	Archanna Tiwari	Narsinghpur

INFORMATION TECHNOLOGY FOR WOMEN

Sr.No.	District	Name	Location
14	Seoni	Sarita Soni/Shobha Bais	Chhapara
15	Betul	Pushpa Chaturvedi	Sarni
16	Betul	Usha Gupta	Shahpur
17	Hoshangabad	Sangeeta Sharma	Pipariya
18	Morena	Rani Saxena	Morena
19	Sagar	Prerna Tiwari	Deori
20	Sagar	Uma Devi	Rahatgarh
21	Mandsaur	Shail Vijay	Mandsaur
22	Neemuch	Ramila Vijayvargya	Neemuch
23	Ratlam	Aruna Bhatnagar	Ratlam
24	Ujjain	Kiran Sharma	Ujjain
25	Dhar	Sonali Nigam	Badnawar
26	Dhar	Kalpana Kala	Gandhwani
27	Dhar	Sunita Gangwal	Manawar
28	Indore	Reena Sharma	Indore
29	Jhabua	Yamini Bhatt	Khawasa
30	Khargone	Pratibha Mahajan	Khargone (Sangvi)

CHHATTISGARH

31	Janjgir Champa	Meenakshi Pareek	Sakti
32	Korba	Sadhna Sharma	Korba (Balco Nagar)
33	Korba	D.Pushpa Sonwani	Rajagamar
34	Koriya	Ranjana Shukla	Manendragarh
35	Sarguja	Aradhana Verma	Ambikapur
36	Sarguja	Mahima Thakur	Bishrampur
37	Dantewada	C.H.Satyawati	Konta
38	Durg	Suman Dewangan	Arjunda
39	Durg	Bina Victor	Bhilai (Housing Board)
40	Durg	Poonam Sharma	Bhilai (Nehru Nagar)
41	Durg	Godavri Verma	Borsi
42	Durg	Sarla Sharma	Durg
43	Durg	Pragati Ghadole	Jevra Sirsa
44	Durg	Snehlata Meshram	Khedamara
45	Kanker	Saroj Mishra	Kanker

INFORMATION TECHNOLOGY FOR WOMEN

Sr. No.	District	Name	Location
46	Raipur	Farha Javed	Raipur
47	Raipur	Sangeeta Shukla	Raipur (Panchsheel Nagar)
48	Raipur	Vinita Ramwani	Raipur (Pandri)
49	Rajnandgaon	Bedwati Pandey	Ambagarh Chowki
MAHARASHTRA			
50	Bhandara	Madhuri Panchabidhe	Bhandara
51	Bhandara	Usharani Rao	Dewadi
52	Bhandara	Chetna Chaturvedi	Mohadi
53	Chandrapur	Madhuri D. Tijare	Bramhapuri
54	Chandrapur	Mamta Chawre	Urjanagar
55	Chandrapur	Sunita A.zade/ Seema R.mahajan	Warora
56	Gondia	Meera D. Raikwar	Gondia
UTTAR PRADESH			
57	Jalaun	Usha Seth	Orai
58	Jhansi	Pushpa/kamlesh Singh	Babina
RAJASTHAN			
59	Ajmer	Sr. Francine	Ajmer
60	Banswara	Eva Vyas	Anandpuri
61	Banswara	Pratibha Jain	Banswara
62	Banswara	Monika Talathi	Ghatol
63	Bhilwara	Geeta Choudhary	Bhilwara
64	Chittorgarh	Anita Derashri	Rawatbhata
65	Dungarpur	Meenaxi Jain	Ramgarh
66	Bikaner	Monika Modi	Bikaner
67	Tonk	Kiran Chaturvedi	Tonk
ORISSA			
68	Cuttack	Debarchana Mohapatra	Narsinghapur Mohapatra
69	Cuttack	Babita Bhugan	Panposh
70	Kendrapara	Sasmita Sahoo	Kendrapara

INFORMATION TECHNOLOGY FOR WOMEN

Sr.No.	District	Name	Location
71	Jharsuguda	Prachi Chaturvedi	Brajrajnagar
72	Koraput	Sasi Prabha Stanley	Semiliguda
BIHAR			
73	Patna	Kamini Verma	Patna (Kankerbag)
GUJRAT			
74	Ahmedabad	Rushi Desai	Ahmedabad
75	Surat	Bhawana Joshi	Surat
DELHI			
76	E.Delhi	Urmil Narang	Shahdara [naveen]
KERALA			
77	Ernakulam	V.P.Seemanthini	Alwaye
78	Ernakulam	Daisy Prasad	Cochin
79	Kollam	Sreelekha Mohan	Kollam
80	Thiruvananthapuram	Meenakumari Krishna	Ukkode
81	Thiruvananthapuram	Reshmi Chandra	Vlathankara
TAMIL NADU			
82	Kancheepuram	Nita Selena	Medevakkam Chennai
83	Kancheepuram	Premanjali Rao	Muttukadu
PONDICHERRY			
84	Pondicherry	D. Kalaiarasy	Pondicherry
HARYANA			
85	Gurgaon	Manisha Kataria	Gurgaon