



**World ORT Union
Country Activity Reports
1993-1997**

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**World ORT Union
Congress of the Central Board 1997**

**Country Activity Reports
1993 - 1997**

Argentina	Mr Silvio Schlosser
Brazil	Mr Hugo Malajovich
Chile	Mr Marcel Lewkow
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Venezuela	Mrs Anita Lapco

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ORT ARGENTINA
COUNTRY ACTIVITY REPORT

1993 - 1997

Argentina is the second largest country in South America, and most of its 33 million inhabitants are concentrated in urban areas. With its 250,000 Jews, this is the largest Jewish community in Latin America.

The first Jewish immigrants arrived in Buenos Aires in 1889 on board the SS Wesser, looking for work, freedom, and peace. At the beginning they settled in rural areas, where they learned farming, and later on they moved to the cities, where they engaged in industrial and commercial activities and created community health, social assistance, and education centers.

The Jewish educational network ranges from kindergartens through colleges, and ORT Argentina's Technical High Schools, with over 2000 students each, are certainly the most prestigious among them, both nationally and internationally.

ORT started operating in Argentina in 1936, and in its now over sixty years of rich and fruitful life it has been doing social and educational work in the areas of training and giving technical and professional education, steadily increasing its commitment with technical training and Jewish Education. The community parents have reacted to this by choosing the technical schools of ORT Argentina, with their pioneering curricula, as the best and most prestigious for their children.

What follows is a brief account of the many activities carried out by ORT Argentina during the period 1993-1997, plus a few words about our plans for the near future. For practical purposes we shall refer to these activities in several contexts: curriculum development, information technology, international cooperation, Jewish education, fundraising, and public relations.

- **CURRICULUM DEVELOPMENT**

In Buenos Aires, ORT Argentina has two technical high schools whose level of excellence is traditional and generally acknowledged by the Jewish community as well as by national and international educational organizations: the old school on Yatay St. and the new ORT Technical School No.2 on Montañeses St., each one with its own characteristic traits. In both schools teaching is divided into two segments: a 3-year technical junior high, common to all the tracks, and a 2- or 3-year senior high --depending on the track chosen by the student. During the junior high, students are trained in the six areas that make up the curriculum: Social Sciences, Experimental Sciences, Ethical and Philosophical Education, Instrumental Learning, Technological Education and Physical Education. During the last quarter of the third year, a program of vocational orientation assists the students in their selection of a track for the senior high. Also, a permanent medical team follows up the state of health of the students all along and assists the whole population of ORT in emergencies.

Two technological junior colleges that grant official degrees complete the educational offer of ORT Argentina. They are:

- The Nathan Gould Institute of Technology, a post-secondary college of professional training, that offers its 1000 students the following careers: Control of

Industrial Processes and Digital Techniques, Computer Systems, Biological Chemistry, Biotechnology, Business Administration, Information Systems, Computer-Aided Design, and Product Design. As from the 1995 school year another career is being offered --Tourism. At the Nathan Gould Institute of Technology it is also possible to obtain a Masters Degree in Informatic Administration.

- The ORT Institute of Technology II, in turn, offers its 1000 students the following careers: Computer Analysis, Information Systems, Interior Design, Graphic Design, Advertising, Mass Media Production, Marketing, and Computer Analysis. This Institute also grants a post-graduate Diploma in Systems, by agreement with Oxford University, England,

The teaching at ORT Argentina's schools and junior colleges is supported and backed by two curriculum-developing offices and departments

Ever since the opening of the Creative Education Department, back in the early 70's, ORT Argentina has been working with a pedagogical and methodological "think tank" for primary school level, in the areas of social sciences, expression, computing, Jewish education, and technological literacy. The work is complemented with the publication of very specialized materials, among them, "A Newspaper for Curious Children", "Technological Education Offered, School Room Wanted," etc. **COMPLETED**

Likewise, ORT Argentina's Technical and Pedagogic Department (OTP) has for quite a few years been preparing lessons and teaching materials in the area of

sciences for the high school level, covering special points of physics, chemistry, biology, computers, and electronics. **IN PROGRESS**

In 1993, the Musical Production track opened its doors for high school students, the latest "hit" in the long and successful series of innovative tracks created in ORT Argentina. **IN PROGRESS**

Ever since 1994, when an agreement was signed with the Paris Institut de l'Audiovisuel (the Institute of the Audiovisual of Paris, France), this institute endorses the Technicians' Diploma in Media Production granted by ORT Argentina's Institute of Technology No. 2. Thus it internationally guarantees the audio-visual training supplied by us and grants a Certificate of Multivalent Audio-Visual Training to every graduate whose final work gets the approval of the I.N.A. professionals. **IN PROGRESS**

In 1995, a Tourism track was opened at the Nathan Gould Institute of Technology, a most important track in a city whose interest in tourism is growing fast. **IN PROGRESS**

• **INFORMATION TECHNOLOGY**

The Shadar electronic network started operating in 1993 as a joint project with the American Joint Distribution Committee, connecting some community institutions (such as schools, synagogues, non-formal education centers, etc.) and individual users in Latin America. Courses were organized in order to acquaint them with the new technologies. A

pilot experience was soon implemented: an electronic news bulletin issued weekly with community information. Discussion forums started operating, and the Shadar people gained access to lists of international discussion. In 1995, the Shadar network grew in size and scope and changed its name to "Red Einstein."

Nowadays the "Einstein Network" has 900 connected users --homes, Jewish institutions, and small enterprises. It brings Israeli news and information about the Jewish festivities, and is also used as an employment bureau (over 220 vacancies have been offered during the last 9 months) and to ask for solidary assistance (blood donors, medicines, treatments). Also, "Médicos en Red" (Network Physicians) was established thanks to the contribution of one doctor, who fostered professional exchange.

• INTERNATIONAL COOPERATION

In the field of International Cooperation, the activities carried out in this period included:

- Collaboration with ORT Chile to work out a project for the creation of an educational complex in Antofagasta, Chile, similar to the "Centro Educativo de Alta Tecnología" (High Technology Education Center), the one already installed in the city of Concepción.
- Collaboration with ORT Chile to study the equipment and organization of the track in Electronics at the CEAT school in Concepción, Chile.
- Training seminar on "Computers in Education", for the schools in the Keren Chinuch of Caracas, Venezuela.
- The yearly Markfresh seminars have received the sponsorship of the Dutch, American, and Israeli Ministries of Agriculture and of their embassies in Argentina.

• **JEWISH EDUCATION**

The Zalman Shazar Teachers Training College in Jewish Studies operated in ORT Argentina's premises from 1991 to 1996. Its curriculum was revised and updated, its library replenished, and ORT managed to get the students' diplomas certified by the Federal educational authorities. **COMPLETED**

Teachers and educational experts in the Jewish Education Department of ORT Argentina have written a series of books for the teaching of Hebrew as a foreign language and for the teaching of the history of Jewish people. The books published during the period 1993-1997 are:

* Las Fuentes del Judaísmo (Sources of Judaism), for students of 7th to 10th grades, divided into:

Nacer y Crecer

La Educación de los Hijos

Esclavos Fuimos

Moshe y sus Hermanos

La Zarza Ardiente

Deja Salir a mi Pueblo

Narrarás a tu Hijo

Haremos y Asumiremos

El Becerro de Oro

Rut: Una Historia de Amor

- Hebreo Soy
- Queremos un Rey
- David Rey de Israel
- Jerusalem: 3000 Años de Historia y Esperanza

* Historia del Pueblo de Israel (History of the People of Israel):

- Encuentro entre Dos Culturas
- Orígenes y Formación del Pueblo de Israel
- La Era de la Mishná y el Talmud
- Entre Dos Civilizaciones
- El Ocaso de los Grandes Centros Tradicionales
- Por los Caminos de Sefarad

All of these books are already printed and on sale.

• **FUNDRAISING**

Conversations are in progress between ORT Argentina and some large enterprises so that we can receive tax moneys, as allowed by the Argentine laws starting this year. So far, only one enterprise agreed to let us have the portion of money that should go to pay their income taxes.

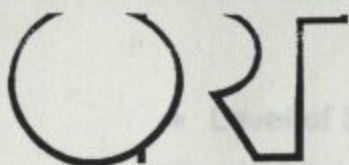
ORT Argentina, 210 B... Tel: (021) 598-9174 Fax: (021) 286-9174

PUBLIC RELATIONS

Many PPRR activities were carried out in this period, including the yearly exhibition of the most creative work of students and lectures, workshops and round tables with the participation of well known personalities in the world of science, technology, and education. State and private schools, both from Buenos Aires and the provinces, are always invited to send delegates and participate. Also, very important people visited us during this period:

- Mr. Itzhak Aviran, Ambassador of Israel to Argentina.
- Mr. Itzhak Navon, former President of Israel.
- Federal Ministers of Education and Culture of Argentina, Dr. Jorge Rodriguez and Prof. Susana Decibe, during their respective terms of office.
- Prof. José María Iriondo, National Director of Private Education; he accepted our invitation to join us during the Rosch Hashana celebrations.
- Mr. Yair Tzaban, Migrations Minister of the State of Israel.
- Dr. Martín Redrado, Secretary of State of Technological Education.
- The Director of the Jewish Agency, Dr. Abraham Burg,
- Dr. Shimshon Shoshani, Director of the Ministry of Education of Israel.
- Dr. Guy Seniak, Director General of ORT France.
- Authorities of the Universities of Tel Aviv, Jerusalem, Technion, Haifa, etc.
- The former Director of the World ORT Union for Latin America, Mr. Bernard Wand-Polak.
- A delegation from The Waikato Polytechnic of Hamilton, New Zealand.
- A member of the Australian Academy of Science and Technology.
- A delegation from the Jewish educational network of South Africa.

Many visitors from the American ORT, Women's American ORT, and American Joint Distribution Committee.



**ORT BRAZIL
ACTIVITIES REPORT 1993-1997**

A philanthropic and public utility organisation with 1,000 contributing members, ORT has been active in Brazil since 1943.

The headquarters of ORT Brazil are in Rio de Janeiro, where it has a Technical High School with 300 students (14 to 17 years old) that receive General, Jewish and Technological education. During three years (40 hours weekly) they attend to theoretical and experimental classes with specialisation in Electronics, Data Processing or Biotechnology.

At the end of their studies, ORT Technical High School graduates are enabled to continue university studies and to work in their chosen field.

Short term courses are also provided to the general community, in High Technology subjects.

An ORT Centre of Training functions in São Paulo, with short term courses in High Technology and educational services for the Jewish day schools.

During the 1993-1997 period, ORT Brazil developed the following activities:

1. Rio de Janeiro ORT School.

• **Enrolment:**

During this period, the number of students of the school increased 50%:

	1993	1994	1995	1996	1997
PD1	44	60	63	52	60
EL1	27	27	36	26	28
BT1	20	19	32	26	26
PD2	27	18	49	49	36
EL2	29	17	20	30	15
BT2	7	12	14	20	21
PD3	20	24	18	40	39
EL3	12	12	16	16	23
BT3	-	6	12	13	15
TOTAL	177	195	260	272	263

(PD= Computer Sciences , EL= Electronics, BT= Biotechnology , 1,2,3= First,Second and Third Year)

Rua Dona Mariana, 213 Botafogo CEP 22280-020 Rio de Janeiro Brasil Tel.: (021) 559-1842 Fax: (021) 286-9174

• Curriculum development:

The **Biotechnology** course, that ORT Brazil create in 1992, had all their organisation, structure and planning completed in this period. Were designed, equipped and programmed the laboratories of Applied Biology and Biotechnology. The curricula of all the subjects were elaborated, completing the Course Plan, as shown:

1st YEAR		2nd YEAR		3rd YEAR	
GENERAL EDUCATION	(26 hs)	GENERAL EDUCATION	(20 hs)	GENERAL EDUCATION	(17 hs)
PORTUGUÊS (2)		PORTUGUÊS (2)		PORTUGUÊS (2)	
LITERATURA (2)		LITERATURA (1)		LITERATURA (1)	
MATEMÁTICA (6)		MATEMÁTICA (4)		MATEMÁTICA (4)	
GEOGRAFIA (2)				GEOGRAFIA (1)	
INGLÊS (2)		INGLÊS (2)		INGLÊS (2)	
FÍSICA (3)		FÍSICA (3)		FÍSICA (2)	
QUÍMICA (3)		QUÍMICA (2)		QUÍMICA (2)	
BIOLOGIA (2)		BIOLOGIA (2)			
HISTÓRIA (2)		HISTÓRIA (2)		HISTÓRIA (1)	
EDUC. FÍSICA (2)		EDUC. FÍSICA (2)		EDUC. FÍSICA (2)	
JEWISH EDUCATION	(4 hs)	JEWISH EDUCATION	(4 hs)	JEWISH EDUCATION	(2 hs)
HISTÓRIA JUDAICA (2)		HISTÓRIA JUDAICA (2)		HISTÓRIA JUDAICA (1)	
HEBRAICO (2)		HEBRAICO (2)		HEBRAICO (1)	
TECHNOLOGICAL EDUCATION	(7 hs)	TECHNOLOGICAL EDUCATION	(15 hs)	TECHNOLOGICAL EDUCATION	(18 hs)
BIOTECNOLOGIA GERAL (2)		MICROBIOLOGIA (2)		BIOTEC. VEGETAL (2)	
		TEC.DAS FERMENTAÇÕES (2)		BIOTEC. AVANÇADA (2)	
QUÍMICA EXPERIMENTAL 1 (2)		QUÍMICA EXPERIMENTAL 2 (3)		QUÍMICA BIOLÓGICA (3)	
BIOLOGIA APLICADA 1 (2)		BIOLOGIA APLICADA 2 (3)		FÍSICO-QUÍMICA (2)	
PROC. DE DADOS 1 (1)		PROC. DE DADOS 2 (2)		BIOLOGIA APLICADA 3 (3)	
		ESTATÍSTICA (2)		ORG. EMPRESAS (2)	
		PROJETO (1)		PROC. BIOTECNOLÓGICOS (2)	
				PROJETO (2)	
ESTÁGIO SUP. = 222 h					

- **Level of Studies:**

The level of studies in the school was constantly raised, specially in the Science teaching, that was stimulated in such a way that now ORT is seen more as a **Science and Technology School** than as a traditional Technical School.

Was introduced the "**Learning by Projects**" process in the student's research works, bettering their motivation and allowing them to develop and to build their own knowledge.

The results in the Federal University of Rio de Janeiro annual admission tests of the last years, put **ORT Technical High School** between the "top ten" better schools.

- **New Laboratories:**

Were installed two new laboratories, one **Computers Laboratory**, with 10 Pentium microcomputers assembled in the school, and one **High Technology Laboratory**, introducing new subjects in the school curricula and providing short term courses in **Computer Hardware**.

A Novel local network was also installed, linking all the laboratories.

- **Short Term Courses:**

During this period, short term courses in **Programming, Computers Hardware, Electronics and Microcomputers** were held in the ORT school. **Technological Literacy** courses (in Electronics, Computers and Biotechnology) were made for students of "Pedro II" Brazilian public school.

External courses in Data Processing fields were also active in the period, for several firms of Rio de Janeiro.

- **New Projects:**

Was created the **ORT Experimental Centre of Environmental Studies**, in agreement with the Henrique Lemle Summer Camp in Petrópolis (a hill 50 km far from Rio city). It consist of an advanced campus for experiments in Environmental, Scientific and Technological studies, both for ORT School students and for the kids of the Summer Camp.

A **Science and Technology Laboratory** is being installed, and were elaborated 20 modular units of the educational units that can be chosen by the participants, in subjects such as: making bread, butter and milk, study of a tree, seen the sky, first aids, ecology drive, wood and paper, recycling paper, biodiversity, water, air, the sun alternative energy, the wind alternative energy, etc.

A **Greenhouse**, a **Vegetable Garden** and a **Weather Station** will also be installed in the Centre.

- **Building Up:**

Due to the constant increase of students enrolment, was necessary to build up two more stores to the ORT Brazil building. The project was elaborated, presented to the municipality, approved, and the building started at the end of 1996. The end of the construction is planned for **December, 1997**. It will add 1,050 square meters to the existent 3,300 square meters, and will increase the capacity of ORT school from the actual 300 students to 500 students.

- **Organisation and Fund-raising:**

In 1994, was renovated the **Directive Board of ORT Brazil**, that was very active during the period.

Several fund-raising campaigns were developed. The **Scholarship Campaigns**, to collect annual scholarships among Brazilian individuals and industries, resulted in more than 60 scholarships per year.

A **Special Fund-raising Campaign** was also organised to cover the cost of the construction, estimated in \$1.000,000. Till April, 1997, commitments for 60% of this amount were obtained.

A **newsletter bulletin** was created, and five numbers were already edited.

Was founded and started its activities an **Alumni Association** in order to congregate all ORT Brazil former students.

2. São Paulo ORT Centre:

- **Courses:**

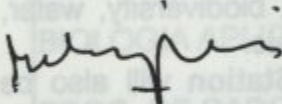
Were implemented **Computer Literacy Courses** in six local Jewish schools, reaching 2,800 students per year.

Courses of **Teachers Training** were held in ORT São Paulo facilities.

- **New School Project:**

It is being planned the creation of a **Science and Technology ORT High School in São Paulo**. The preliminary project was presented and the Jewish Federation gave support to it.

The feasibility study is in elaboration, and a **Special Fund-raising Campaign** will be initiated, to test the real force of the idea and the acceptance among the community.



Hugo Malajovich
Rio, 11/04/97

1.- REMOTE DISTANCE TRAINING PROGRAM:

It is a Remote Distance Multimedial Training Program, created by a professional ORT team based upon the modular learning system designed to be used in computer. The program was required and financed by Banco de A. Edwards (private banking organization).

The modules are related to the Bank trade products in the area of Credit Services. The user's guide material has been condensed with the purpose of give training to bank commercial officers, on their working sites, through the regional agencies along the country.

2.- TAVEC PROJECT:

Advanced Technology in Scientific Education, is a Macro Project devoted to improve the quality of the science teaching in several Public Educational Institutions all over the country. With the financing support of the Coca-Cola Foundation of Chile, each participating institution is provided with a scientific laboratory including the Microcomputer Based Laboratory System, network connexion and Internet access. Training courses about the use of the MBL System especially designed to teachers are developed, moreover, alive and remote technical support.

3.- ENLACES PROJECT:

The ORT Educational Corporation is participating in this project under the supervision of COMENIUS Regional Center from the Santiago University, and the main activities are: developing of training courses for secondary level teachers, performing technical support in handling informatic technology, evaluation of project impact in several secondary level schools of the Santiago City.

4.- EDUCATIONAL PROJECT

The Educational Project Evolution propose a metodological transformation and a deep change in the functions of the people that take part of the teaching learning process.

Trough the correct use of the advanced technology it is possible to get an improvement in the quality of the education, so much in the contents delivery as in the development of students higher abilities.

The ORT proposal consider, as an essential factor, the participation of all institutional stages as active and powerfull actors of change in the institution.

5.- TRAINING COURSES

ORT Chile offers several training courses devoted to stimulate the participants active and cooperative learning. The ORT teachers have a while experience in Educational Advanced Technology Projects. Each course has text book especially designed by the ORT teachers, as a course support and a permanent help for the students. At the end of the course, the students receive a complete report including evaluation results and specifics recomendations for a participant future work.

ORT Chile give to each student a Diploma course which is recognized by official institutions that means a formal support of the adquired knowledge.

6.- POSTITLE IN EDUCATIONAL INFORMATICS

The Postitle is devoted to:

- Form an specialist in education, opened to the new technologies, with a high knowledge and practice.
- Manage and carry out a informatics laboratory.
- Lead the strategies and methodologies necessary to incorporate the new technology into the teaching.
- Guide and training to teachers in the use of the informatics for the action, investigation and educational performance.
- Advise to teachers and establishments in the administration and management with new and modern technologies.
- Design, develop, and evaluate didactic material and educational software of support for the process of Teaching-Learning.
- Identify, classify and organize technological resources.
- Develop creative methodologies incorporating multimedia.
- Guide and design educational project incorporating the correct use of the informatics and the modern technologies.

ORT France

Activities report 1993-1997

1. PROGRAMMES

1.1. Secondary School Programmes

- General education in schools:

After the experimental programmes carried out in Villiers-le-Bel, two other schools in the ORT network are offering junior high school programmes, in Strasbourg and in Marseille. These new classes accept students at the age of 11 for four years general education according to the national curricula with the addition of 4 to 6 hours of Jewish education, as well as a course of technology to orient them towards technological and scientific studies at a higher level.

- Preparing for Matriculation:

The ORT schools traditionally prepare secondary school students for a matriculation in industrial technology (electronics, computers) and commercial technology (secretarial, accounting, commercial). In many schools students are also prepared for matriculation in science and in social economics. These courses prepare them for Higher Education in ORT and in universities.

In both Lyon and Marseille there is a new possibility of obtaining two alternative matriculations, working part-time at school and part-time in industry.

1.2. Adult Education

- Continuous Training:

Courses are given for working adults who want to have their technical competence upgraded. A very thorough programme exists in the Paris region where most of the training is carried out at ORT France H.Q but sometimes at the workplace to give employees access.

These activities have doubled in the past three years. Among the fields covered are Management, Law, Languages, and Communications.

• Experimental work:

ORT France in partnership with the Ministry of Labour, carries out research into improving teaching methods for adults. It is carried out in our centres in Montreuil, Lyon, Marseille and Toulouse and ORT budgets \$300,000 annually for this work.

• Social:

There is an annual agreement between ORT and the Ministry of Labour, at a national level, for the training of the young unemployed in ORT schools in Paris and the provinces. There are 40 different courses lasting from eight to fourteen months.

The agreement with the Ministry of Labour stipulates almost complete financing of these courses by the State which also pays the trainees a salary during training.

For the past four years ORT Centres have considerably increased their training activities in partnership with the local authorities, regions and departments which call upon specialised and experienced bodies such as ORT in their attempts to deal with unemployment and help youngsters qualify for employment. These courses are of different lengths, from three weeks to ten months and cover many fields including carpentry, dressmaking, accounting, computers and training trainers in navigating the Internet and building web sites.

2. INFORMATION TECHNOLOGY AND COMMUNICATION

• Establishment of Resource Centres:

A Resource Centre was set up at ORT's headquarters and is used by teachers of ORT schools, teachers of Jewish schools in the Paris region and adults as part of their training, who pay for themselves.

Each school has also established a Documents and Information Centre for teachers and students where Internet forms an important educational resource.

3. INTERNATIONAL COOPERATION

• International Exchanges:

Thanks to ORT's experience in Information Technology, ORT France has presented many projects for co-operation and international exchange in the context of the European Community. For these projects there is an

agreement for co-financing, both for school exchanges and for adult training through distance education.

Other projects are under consideration. It should be noted that ORT schools in France are the only ones in France associated with these European projects.

4. JEWISH EDUCATION

- Hebrew as a Living Language:

In all schools a special effort is made for the teaching of Hebrew at different levels. ORT teachers are involved in the writing of relevant textbooks for the students.

- Bible Competition:

This takes place annually. All ORT schools participate and it is held on the occasion of the annual Sports Day.

5. PUBLIC RELATIONS AND FUNDRAISING

- Publications:

A special effort has been made for better public relations. The magazine FORMATION comes out once or twice a year, written by ORT staff and sent out chiefly to ORT's friends and supporters.

The ORT site on the Web has been completely revised and allows us to obtain more news about what is happening in ORT centres in France, and allows contact with ORT world-wide.

- Fund-raising:

In each ORT Centre a Women's Committee works to help disadvantaged children by giving them scholarships and paying for their school meals.

Much effort has been given to securing donations and legacies for ORT's activities in France.

A special committee has recently been set up to organise fund-raising in order to finance the renovation in 1997 of ORT's historic Centre in Montreuil.

agreement for co-financing, both for school exchanges and for adult training through distance education.

Other projects are under consideration. It should be noted that ORT schools in France are the only ones in France associated with the European project.

A JEWISH EDUCATION

• Hebrew as a Living Language
This is an essential part of ORT's educational approach. In all schools a special effort is made for the teaching of Hebrew at different levels. ORT teachers are involved in the writing of relevant textbooks for the students.

• Sports Day
This takes place annually. All ORT schools participate and the day is an occasion of the annual Sports Day.

5. PUBLICATIONS AND FUNDRAISING
• Publications: ORT has a long tradition of publishing. A special effort is made for better publications. The magazine "FORMATION" comes out once a year, written by ORT staff and sent out chiefly to ORT's friends and sponsors. A new journal has been started.

2. The ORT site on the Web has been developed, updated and allows the staff to obtain more news about what is happening in ORT centres in France and allow contact with ORT world-wide.

• Fundraising: The ORT Centre in Paris is an active resource for raising funds in France. In each ORT Centre a Women's Committee works to raise funds for children by giving them school meals and paying for their school meals. Each school has established a Document Centre and a helpline for ORT staff. Much effort is given to raising funds for ORT projects in France.

A special committee has recently been set up to organise fund-raising in order to finance the renovation in 1997 of ORT's main Centre in Marseilles.

3. INTERNATIONAL EXCHANGES

Thanks to ORT's experience in Information Technology, ORT France has presented many projects for co-operation and international exchange in the context of the European Community. For these projects there is an

ORT INDIA COUNTRY REPORT 1993-97

ORT India stands out as a leader in technology based education. This leadership has been strengthened further after diplomatic ties between India and Israel were established in 1992. Enrolment for various courses has increased and industries look for graduates from ORT as their first choice.

The new programs and activities of ORT India during the last four years are summarised below:

CURRICULUM DEVELOPMENT.

New courses with international accreditation were started in the field of: Travel & Tourism, Food & Nutrition, Education & Care of Under Five. These courses are affiliated to the University of Oxford, Delegation of Local Examinations, U.K.

- **Travel & Tourism:** Accomplished and on-going
First batch of students were enrolled for the academic year 1993-94. In the subsequent years, enrolment has increased.
- **Food & Nutrition:** Accomplished and on-going
During 1995 Food & Nutrition laboratory was donated and inaugurated by Ms. Sophie Corley, Ex-Principal of ORT India, Worli. The first batch of students were enrolled in the same year and 100% results have been obtained.
- **Education & Care of Under Five:** Accomplished and on-going
This department funded by generous donation of Della and Fred Worms was inaugurated in 1996. This provides teachers training as well a Nursery and Kindergarten. The first batch of students undergoing teachers training will appear for examinations by the University of Oxford, Delegation of Local Examinations, U.K. in June 1997.
- **Office Automation training:** Accomplished & On-going
The students of Secretarial Studies receive training for office automation skills. This additional training has enhanced their employment opportunities.
- **Cosmetology training:** Accomplished & On-going
Existing Hair Dressing & Beauty Care course has been upgraded to include additional training in making of cosmetics. Cosmetics produced are consumed during the training of students as well as for treating clients in the Beauty Parlour.
- **Replacing traditional courses with technology based programs:** Planned
Elementary manual and industrial training courses in Turner, Draughtsman and Electronic Mechanic will be replaced by technology based programs. This

change will enable community students to obtain up-to-date training as well as better employment.

INFORMATION TECHNOLOGY.

- **Training on Internet: On-going**
ORT India has TCP/IP Internet connection with VSNL and this is being used extensively for training the internal staff. Permission from the Govt. of Maharashtra has been received for lease line under education tariff.
- **ORT-Stern Information Technology Centre: On-going**
This centre was inaugurated in January 1997. Thanks to the generous donation of Jerome & Ellen Stern, New York, USA and WOU, London. This centre will provide training in internet, intranet, and other related subjects including creation of web pages, programming in HTML and JAVA, hosting of web pages for Jewish organisations, etc. Several workshops & seminars on "Internet/Intranet" will be organised at ORT India for corporates.
- **ORT India Intranet: Planned**
Intranet is a great enabler for communication and collaboration both internally and externally. ORT India will dedicate intranet link to enable its students and patrons from all over the world to take advantage of ORT Intranet. The intranet will be powered by our own web server and an internet link.

INTERNATIONAL CO-OPERATION.

- **Director General visits India: On-going**
Dr. Ellen Isler, Director General, WOU, during her visit to Delhi held meeting with the British High Commission, overseas development department as a follow-up of her discussions with Lady Chalker.
- **ICD projects with local government: Planned**
Mr. Ian Hamilton from the International Co-operation Department of WOU, visited India during 1996, when several meetings were held with the Govt. of Maharashtra and other NGOs viz. Bombay Municipal Corporation. A closer dialogue with the Ministry of Higher & Technical Education is going on to finalise teachers training for Govt. teachers.

JEWISH EDUCATION

- **Publications of Jewish Education Resource Centre (JERC): Accomplished**
JERC library subject catalogue was released in 1993, by the first Israeli Ambassador to India - Mr. Ephraim Dowek.

A set of 12 greeting cards have been published depicting Jewish monuments in India. The first set of 8 cards was published in 1993 and an additional set of 4 cards was published in 1996. A Jewish calendar with details for candle lighting timings and times of prayer for Bombay is published along with other relevant

religious information. An audio cassette has been released with traditional music of the Bene-Israels recorded at ORT India.

- **Establishment of kosher bakery & kitchen: Accomplished**
A kosher bakery was started in 1994, providing kosher challot and other items. This bakery has been started with thanks to the generous donation of Mr. & Mrs. Jerry Gottesman whose daughter Abbie worked as a volunteer at ORT India. This bakery provides excellent facility for members of the community to learn baking skills. A kosher kitchen was inaugurated in 1996, providing kashered meals (veg & non-veg) to the staff, students & members of the Jewish community. Kosher wine is made available from our JERC
- **Hebrew language classes: Planned**
Ms. Vicky Kaufman from University of Manchester, who was with us for 8 months, volunteered for teaching Hebrew language to the Jewish students of ORT India, as well as to the community members. ORT India is looking for teachers/volunteers for teaching Hebrew language.
- **Jewish education classes during vacation: On-going**
Apart from providing Jewish education to the students of ORT India regularly, additional programs during the school vacations are held for the benefit of entire community. These classes attract a large number of Jewish children who regularly attend regular schools.
- **Lectures by visiting Rabbis & Jewish scholars: On-going**
As India is a new destination for Jewish travellers, many visiting Rabbis and Jewish scholars contact ORT India when lectures are organised for students, staff and members of the community. The religious visitors are attracted to ORT centre due to its facilities and availability of religious requirements.

FUND-RAISING & PUBLIC RELATIONS.

- **Felicitatation of ORT India merit holders: Accomplished**
On January 30, 1993 ORT India celebrated its 32nd anniversary when over a thousand members of the community gathered in the auditorium and witnessed the most exciting cultural performance by the students of ORT India. ORT students was felicitated by the Director of Vocational Education and Apprenticeship Training (MS) for ranking first in the State of Maharashtra and was presented a silver medal for this meritorius achievement.
- **Visit of Israeli diplomats: Accomplished**
First Israeli Ambassador to India, Mr. Ephraim Dowek and Mrs. Sarah Dowek visited ORT India along with the Consul of Israel Mr. Itzhak Gerberg and Mrs. Shifi Gerberg. The current Consul General of Israel, Mr. Walid Mansour attends various events at ORT India. Recently, his participation in Hannukah celebration at ORT India was telecast.

- ***Bible stories published in Hindi: Accomplished***
ORT India Jewish Education Resource Centre published a book "Siyon Se Sahyadri Tak" in Hindi. This book is a collection of biblical articles by Sheba Nagaokar.
- ***Community gathering & felicitation of donors: Accomplished***
In January 1995, ORT India celebrated its 35th anniversary. On this occasion Misses Ruth & Hannah Simeon Bhinjekar were felicitated for their generous donation of Rs. 700,000/- towards the establishment of ORT Simeon Seminar Centre.
- ***Visit of WOU officials: Accomplished***
Dr. Ellen Isler, Director General of WOU, visited ORT India along with Dr. Gideon Meyer, Director of Education, WOU, when they inaugurated the ORT Simeon Seminar Centre. At this Centre, several corporate and industrial seminars are held.
- ***Documentary on David Sassoon - The Great Philanthropist: Accomplished***
A documentary on "David Sassoon - The Great Philanthropist" was produced by ORT India with kind assistance from Dr. (Mrs.) Asha Bhende and Mr. Nandu Bhende in the year 1996. This documentary was released on 30th November at the 150th anniversary of David Sassoon Library when over 3000 audience was present. This documentary has historical value and Jewish museums are keen to screen the same to its visitors.
- ***Demographic and socio-economic report of community: Planned***
An extensive survey on demographic and socio-economic characteristic of Jews in India was carried out by ORT India assisted by Dr. (Mrs.) Asha Bhende in 1996. It is proposed to publish this report.
- ***Documentary film on ORT India: Accomplished***
A film on the activities and programs of ORT in India has been produced with the generous contribution by Rosalie Katz, USA. This documentary projects the starting of ORT operations in India and provides an insight into its programs and people connected with the activities.

ORT Israel Country Activity Report 1993 - 1997

ORT Israel Project for the 21st Century

- As the 21st century approaches, it appears the State of Israel will be severely tested, first and foremost on the economic front. The human resource development is the main and most essential resource that the State of Israel has to offer. It is incumbent upon us to work toward encouraging this resource and developing it in directions which will utilize its advantages to maximum. Project ORT for the 21st century poses questions in order to research the issue of the emphases which the organization must place on dedicating all its effort to achieve this goal.
- In order to answer these questions, 12 task committees were established, the members of which comprised more than 500 ORT people . Their answers to the equations were examined by a steering committee, which published its decisions. Those decisions will be implemented on the ORT Israel network during the coming years, and will form the guidelines which the network will follow.
- The vision comprised in the project: "Quality and Innovative Education for Values, Technology and Science".
ORT Israel will excel in imparting knowledge, skills and values to its scholars and employees; it will spear-head in technology and science education, implementing innovative methodologies and educational technologies, and will educate its students with Jewish and universal values. This for each individual to fulfill its utmost potential and to contribute to its community, society and nation.

Academy:

- Ort Braude College has been officially recognized as an academic institution giving academic degrees (B.Tech) in four faculties.
- The computer engineering faculty in the Jerusalem College for Technology Teachers, was permitted to give an academic degree (B.Tech), which adds to the B-Ed-Tech degree the college already gives.

Computers and Internet :

- The "ORTNET" computer network has been established. The ORTNET is being used by teachers and students to acquire computer network operating and Internet skills, as well as a pedagogical tool - featuring new educational technologies (such as distance learning).
- In the end of 1996 3200 students and teachers subscribed to ORTNET. 70 local newsgroups and 15 I*EARN-project international conferences operated on the net during the passing year.

Center for Learning Skills:

- The ORT Center for Learning Skills was established in 1995. The aim of this center is to offer assistance and guidance to schools in the ORT network, in coping with students who have learning disabilities.
- The new model developed in the center claims that the school is totally responsible for testing, assessing and treating students with learning disabilities. The new approach of the work done in the schools is twofold: helping the student and his family, and teacher counseling in all aspects of learning disabilities.

"HILA" - elementary education completing project

- This program helps teenagers which do not attend any formal education institutes to re-integrate in formal educational frameworks or to complete their elementary education (to the level of 8th, 9th, and 10th grades).
- The "HILA" program has several aims:
 1. Acquisition of learning skills and habits.
 2. Closing knowledge gap to allow re-integration into formal education frameworks.
 3. Guidance in dealing with everyday life.
 4. Acquisition of basic skills such as reading, writing and arithmetic.
 5. Learning other subjects essential for a diploma.
- Each student is tutored individually according to his/her abilities and areas of interest and takes responsibility for his/her learning.
- The Ministry of Education, ORT Israel, and municipal authorities all take part in the "HILA" Project.

ORT for the community:

- The Gina Harmatz Foundation prizes are given annually to those students who have made an especially outstanding contribution to the community.
- A special project in which ORT Israel students tutor and accompany prisoners children. This is in collaboration with the "Yad Le'Adam" association.

ORT-Snunit Aviv Virtual School

- The center, in collaboration with Snunit of the Hebrew University and the World ORT Union is currently undertaking this innovative and challenging project. The aim of the Aviv Virtual school is the building of a nationwide computerized (Internet) framework, and in the future a global Jewish framework, for a virtual school. The school will enable students and teachers, irrespective of time and place, to study courses and to enrich and deepen their knowledge, and allow them to communicate with each other both individually and in groups.

Technology and Science for all:

Teaching technology and Science Literacy will be compulsory to all junior-high schools from 1997 onwards. An R&D center including ORT Israel and the Hebrew and Tel Aviv universities was established in order to prepare curriculum materials, students activities and physical environment and to support schools in the first stages of implementation.

- Products of the R&D center include: study units in different subjects, video-kits, an internet site and teachers training modules.

Computer and Communication literacy

- The process of integrating computers into Israeli schools has been greatly accelerated in the last 3 years. A central goal of this process is students' and teachers' acquisition of computer and communication literacy skills, and hence the use of computers as a basic learning and teaching tool. The ORT Moshinsky Pedagogical center produces teaching and learning materials – "The Open Series" – in order to achieve this goal.

The Open Series currently consists of titles of two kinds,(each comprises of a book and a diskette or a CD-ROM):

titles that are aimed at acquiring of the open software tools, and titles that incorporate the open software tools in various subject matters, such as mathematics, bible, history and science.

- **Communication Literacy:**

The R&D center enhances communication on numerous levels and through various means. Instructional courses, educational materials, bulletins and a quarterly magazine devoted to education and technology promote both better communication and the acquisition of sharper communication skills.

- **A Hebrew Language Internet Site**

A pilot of a Hebrew site currently exists. The site encompasses different issues and activities, and information about current activities of World ORT, WOU, ORT Israel and The Moshinsky Pedagogical center.

Ort Career

- **Academic Qualification:**

A course of studies which grants an academic degree in business administration (B.Bus) with different specializations, including one in international trade, has begun its second year within the framework of the Pollak College. The college has also applied for the opening of a Design faculty which will grant an academic degree as well (B.Design).

- **New Immigrants:**

During the years 1993 and 1997, 2800 new immigrants from the former Soviet Union and Ethiopia were trained in 157 courses. In 1997, the activity has focused on training and on professional retraining for new immigrants, especially engineers from the former Soviet Union. These courses are in cooperation with the Ministry of Labor and Welfare. Other courses (in cooperation with the Ministry of Absorption) are short evening courses for new immigrants whose professional promotion is conditioned by their acquiring supplemental technological and professional training.

- Another national project run in cooperation with the Israeli industry and the Joint, aims to utilize the professional and intellectual potential of the immigrants by promoting them to middle level management positions.

- **Training Computer Programmers**

In light of the growing demand in Israel for computer programmers and other professionals skilled in computer applications, ORT Career focuses on the training of computer programmers, and on the expansion of its study modules and subjects in the computer field. In 1997 alone some 300 computer programmers were trained throughout Israel.

- **Courses for Business Entrepreneurs**

In recent years, ORT Career activities has focused on the training of entrepreneurs who have recently been released from military service, and of unemployed academics who want to set up a business. These courses are in cooperation with the Centers for Development of Entrepreneurship in Israel.

- **Joint Ventures with the Ministry of Labor and Welfare Tender**

In the course of 1996, ORT Career completed 90 courses for some 2000 unemployed workers, both academics and non-academics, at 14 locations throughout the country. This is the result of its being declared a Ministry of Labor official tender.

- **Graduates integration into the labor market**

A survey among 1000 graduated of Ort career courses, which was taken in February 1995, indicates that 73% of the veteran resident graduates, and 65% of the new immigrant graduates, have been integrated into jobs suitable for their professional training.

ORT Mexico's main achievements, as well as its ongoing activities are as follows:

A NEW BRANCH OFFICE AND THE FIRST ORT MEXICO TRAINING CENTRE

The construction work on the new ORT Centre building is almost completed. The first ORT Mexico training centre will accommodate laboratories, an office and a library.

The Department of Planning and Development

The department has been engaged in numerous building, renovating and development project during the past four years.

Among the major ones are:

- The construction of ORT Jerusalem Teachers College, and of Hermellin ORT College in Netanya (in process).
- The building of a Boat Harbor in ORT Rogozin - Ashdod.
- The construction of several junior high school buildings in Jerusalem (ORT Minkoff), Netanya (ORT Gutman), Kiryat Motzkin (ORT Rabin and ORT Yonatan), Akko (ORT Rose), and the construction of ORT Cramim high school in Carmiel.
- Adding 3,450 sq.m. dormitories to ORT Braude College.

More

- In November 1996 Mr. Israel Goralnik completed his tenure of office as ORT Israel's Director General, and Mr. Haim Ben Ami was appointed the new Director general.
- The number of student in ORT Israels junior high school has increased during the last four year from 12,523 in 1993 to 17,227 in 1997. An increase of 37.56%.
- The number of student in ORT Israels colleges has increased during the last four years from 4656 in 1993 to 6107 in 1997. An increase of 31.16%.
- Inauguration of the ORT Pollak College of Business Administration and Marketing.
- Initiation of the project of an Israel - Jordan ORT College of Science, Technology and Environment studies.
- ISO-9000 "Seal of Approval" for quality has been awarded to 5 ORT Israel schools.
- Ministerial Award to ORT Greenberg in Kiryat Tivon, for its exceptional educational results.

A project, similar to the others, will be implemented in the state of OAXACA and aims at providing assistance to several small and medium-sized communities.

Five mini projects, consisting of socio-economic activities, related to specific fields and locations, are foreseen for the future.

Apprenticeship workshops for a population of 700 adolescents in 8 rehabilitation centres are also planned.

The International Centre for Development, in London and Washington, both collaborate closely with ORT Mexico in order to ensure that the Inter-American Development Bank is aware of ORT Mexico's capacity to participate in the development of very important project cofinanced by Mexico, Israel and themselves.

• Management and Development

The Department of Planning and Development has been successful in business building, providing the development of the ORT system in Israel. The ORT system is a unique model of vocational training and education, which has been successful in providing a high quality of education and training to the Israeli workforce. The ORT system is a unique model of vocational training and education, which has been successful in providing a high quality of education and training to the Israeli workforce. The ORT system is a unique model of vocational training and education, which has been successful in providing a high quality of education and training to the Israeli workforce.

• Training Computer Program

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• Graduates integration into the labor market

A survey among 1000 graduates of ORT career courses, which was taken in February 1995, indicates that 73% of the veteran resident graduates and 65% of the new immigrant graduates, have been integrated into jobs suitable for their professional training.

ORT MEXICO

1996 - 1997 HIGHLIGHTS

ORT Mexico's main achievements, as well as its ongoing activities are as follows :

A NEW RESOURCE CENTER AND THE FIRST ORT MEXICO TRAINING CENTER

The construction work on the Max and Amparo Shein ORT Centre building is almost completed. This 1'317 sq. meter building which will accommodate laboratories, an auditorium, classrooms and offices, aims at providing Jewish and non-Jewish Mexican educational institutions with the most advanced teaching technology, as well as courses in Information Technology and computerised communication. It is planned to create an International Cooperation Department with the object of increasing ORT Mexico capability to carry out the very important development projects which are currently being cofinanced by International Institutions and Mexican Government.

INTERNET SERVICES FOR JEWISH INSTITUTIONS

With the objective of creating a main access point of information to all the Mexican Jewish institutions and in order to provide them with a Home Page development and publishing service, a server has been installed and to date subscribers include institutions such as a community weekly newspaper, two high schools, the Israeli Embassy, rabbis and even private enterprises. The teaching staff and students of Jewish schools are currently following courses on the use of Internet.

MULTIMEDIA AND COMMUNICATION COURSES ARE OFFERED TO THE JEWISH SCHOOLS

A pilot project which consists of a comprehensive programme including teacher's training, manuals and follow-up has been implemented in a high school. It will be introduced in other high schools next year.

FREE COMPUTER COURSES FOR ADULTS

A small group of donors agreed to sponsor computer training courses for adult members of the community who are seeking to increase their employment opportunities. To date, 190 students have attended at least one of the 20 - 30 hours courses at their disposal. The long waiting list would indicate the necessity for finding more donors.

A NEW OUTLET FOR THE INTERNATIONAL COOPERATION DEPARTMENT

A three-year project, similar to the Mother and Child Care projects, but which will include various economic and social services, is underway in the state of OAXACA and aims at providing assistance to around 160 small and extremely underprivileged communities.

Five mini projects, consisting of short-term activities, limited to specific fields and locations, are foreseen for the future.

Apprenticeship workshops for a population of 1'300 adolescents in 8 rehabilitation centres are also planned.

The International Cooperation Department, in London and Washington, both collaborate closely with ORT Mexico in order to ensure that the Inter-American Development Bank is aware of ORT Mexico's capability to participate in the development of very important project cofinanced by Mexican Government and themselves.

ORT Mexico's main achievements, as well as its ongoing activities are as follows:

A NEW RESOURCE CENTER AND THE FIRST ORT MEXICO TRAINING CENTER

The construction work on the Max and Annette Stern ORT Center building is almost completed. This 1317 sq meter building which will accommodate laboratories, auditorium, classrooms and offices, aims at providing Jewish and non-Jewish Mexican educational institutions with the most advanced teaching technology, as well as courses in Information Technology and computerized communication. It is planned to create an International Co-operation Department with the object of increasing ORT Mexico's capacity to carry out the very important development projects which are currently being cofunded by International Institutions and Mexican Government.

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With the objective of creating a main access point of information to all the Mexican Jewish institutions and in order to provide them with a Home Page development and publishing service, a server has been installed and 10 basic webpages include institutions such as a community weekly newspaper, two high schools, the Israel Embassy, rabbis and even private enterprises. The teaching staff and students of Jewish schools are currently following courses on the use of Internet.

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A NEW OUTLET FOR THE INTERNATIONAL COOPERATION DEPARTMENT

A three-year project, similar to the Mother and Child Care project, but which will include various economic and social services, is underway in the state of OAXACA and aims at providing assistance to around 100 small and extremely underprivileged communities.

Five mini projects, consisting of short-term activities, limited to specific fields and locations, are planned for the future.

Agreement workshop for a population of 1,200 adolescents in 2 rehabilitation centers are also planned.

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ORT Peru

ACTIVITY REPORT FOR 1993 TO 1997

1. GENERAL

ORT started its activity in Peru with the Jewish community in the middle of the decade of the 70's. The very first activity was to carry out a new method of studies by the installation of a science department in the LEON PINELO school the only Jewish school in LIMA and Peru. The decade of the 70's were maybe the best in the history of this community, at list regarding to the number of members and its economy situation. The school which counted with more than 1000 students, hasn't an important role or influence on the intellectual life of the Jewish community. Within a short while since ORT started to work with, the Leon Pinelo school becomes to be one of the best schools in Peru, maybe the best one.

Since the end of this decade the number of the Jewish members started to decrease and today only 420 students are taking part in its life. But even so more than 95% of the Jewish children's are studding there.

In 1983 WOU decided to enhance its activity in Peru and to started with a new area of work, under the responsibility and direct management of the International Cooperation Department of WOU.

The work with the non Jewish people started at the suburban area of LIMA, with the most poor communities. This shantytowns were ORT started it's work has nothing. No running water, no electricity, no health and no education.

ORT Peru brought all of this to the communities and changed their life for ever. Since 1983 up to 1997 ORT Peru has constructed equipped and implemented 75 units of initial education, in which more than 130,000 people are involved directly and indirectly.

The year of 1989 will be remember as the year of the expansion of ORT activity. We started with distance education curses for the people who hadn't any profession, and by attend our programs they had at first a possible solution for the difficulties to find a job.

2. ACTIVITY WITH JEWISH COMMUNITY

As a result of the fiscal constraint within WOU, the allocation to Peru decreased. That decision generated a movement within the Leon Pinelo school committee and later brought a change of priorities. This school committee finally understood the importance of technology education and decided to do a great effort to maintain this high quality level obtained by the long co-operation with ORT.

3. INTERNATIONAL COOPERATION ACTIVITY

3.1 INITIAL EDUCATION

We finished to implement an important project in the shantytowns of the rural area of CANIETE, which is a town 170 km south to Lima. This project of 11

communities with a population of 650 persons in each community. When we finished it the project included 2 central education units and 11 units of initial education, and 5 sites for community use like meetings or culture activities.

The second project carried out during this mentioned period was the project of SAN MARTIN DE PORRES, a very poor town with 350,000 habitants.

Also in this town we worked in the rural area of the shantytowns. We constructed and implemented 8 initial education units, one central unit for training and 7 community sits.

Last project developed in Peru in the area of initial education was implemented in the town of LOS OLIVOS, 30km north to LIMA. As usual, a poor shanty town in which we carried out a project of two initial education units for two communities. One of the most important parts of the project was the construction and the implementation of a productive unit organised as a company of textile production. At the beginning the company functions as a training centre, teaching how to manufacture and how to marketing the final product.

3.2 BLOCK GRANTS (MINI ACTIONS)

A special budget achieved by WOU permitted us to realise a very important tusk. Many communities in which we finished our activities several years ago, succeed to renew it's existence and thanks to ORT and it's invaluable support succeed to make a face lifting to the old premises. Between 1993 to 1997 we helped to 25 old communities, to renovate its construction, equipment and training.

3.3 DISTANCE EDUCATION PROJECT

During the year of 1994, we expended our activity with the distance education project, we went out to LIMA and it's rural areas, to one of the most depressed zones in Peru the city of HUANUCO this town, 600km east to the capital of Peru, has a population of 600,000 habitants, but has no industry only agriculture, services and commerce. After the decision to open in this town a branch of ORT we signed an agreement with the government and started to teach the local students. Up to 1997 we trained more than 2500 students in 5 different professions from the most basics like plumbing and typing up to office managing and computation.

3.4 HEALTH PROGRAM ACTIVITY

From the very beginning of our activity, we found that practically it's impossible to carry out an education program, without complete it with an adequate health control. Bad nutrition is one of the most important factors for the failure in the education, a bad aliment student can't lessen to the teacher and of course he can't catch the contain of the lecture. Bad nutrition affects also the normal growth and development of the child, but this point is less essential for the mental development. However we considered this points and made a special effort to cover this area within our possibilities. Each adductive program developed by ORT in Peru included special attention to health, sometimes in spite to the fact that health wasn't considered in the budget.

Another important factor was the fight against A.I.D.S .Everybody knows that as the country is less developed in the area of housing and health services, the chance that AIDS will grow without control is higher.

Unfortunately, members of a family, affected by this disease are not able to work and to generate an income, so their children's has no chance to get alimentation and of course not education. This is like a magic circle that must be broken. With a special help of the Luxembourg government ORT Peru developed during 1996 a project of health education against the AIDS in 8 different communities in S. M. D. PORRES. This project contained presentations, video cassettes ,visits in hospitals and perhaps most important, we distributed more than 3000 preservative units.

4. LOCAL ACTIVITIES

In the frame of local activities, ORT Peru signed 4 agreements of technological support with the following universities : · CATHOLIC UNIVERSITY OF ARIQUIPA

- THE PRIVET UNIVERSITY OF CHICLAIO
- SAN PEDRO UNIVERSITY OF CHIMBOTE
- LOS ANDES UNIVERSIT OF HUARAZ

As our part in this agreement we arranged seminars of THE TECHNOLOGY IN THE EDUCATION in three of this universities for senior staff from the rector and down to the senior teachers.

With the help of the ISRAELI ambassador for Peru, MR. YOEL SALPAK we helped to 6 university teachers to get a scholarship in ISRAEL in different areas. Thanks to our help this universities bought new equipment and started to have a better presentation.

This work was so important for the universities, at list enough important for a big ceremony in which the director of ORT Peru MR. ZVI PELED was declared as an "AD HONORE PROFESOR" and the organisation is considered as invaluable help for the universities.

COUNTRY ACTIVITY REPORT
FORMER SOVIET UNION (RUSSIA-UKRAINE), 1993 – 1997

1. Curriculum Development

- **Moscow ORT Technology school (established in 1994)**

Technology school philosophy development: Accomplished

Technology school philosophy developed is based on the National Curriculum of Russia, World ORT standards of technology education and high academic traditions of Russian educational system. It implies effective combination of quality academic instructions and comprehensive pre-vocational/vocational training, efficient Jewish teaching as a part of multicultural education, students' streaming in core subjects, wide range of elective and optional technology courses, and well developed programme of after school activities.

Technology courses for pre-professional training development: Ongoing

Working in close co-operation with leading Russian institutions of technology education Moscow ORT school made a solid contribution into Russian National Technology teaching Standard being developed now. 9 new information technology modules for general technology curriculum have been developed.

Vocational Training courses development: Ongoing

Several vocational training courses in three major areas are being developed now : Computer Aided Design, Computer Assisted Management, Information Technology Hardware and Networking.

Teachers in-service training programme development: Accomplished

Three major programmes have been developed: for Computer Science, Technology and General subjects teachers. All teachers have got a unique opportunity of getting familiar with World ORT experience and working with modern equipment of IT Resource centre.

Curriculum materials for general education development: Ongoing

Moscow ORT school students and teachers using IT Resource centre are working on multi-media software related to different general education courses such as: English, Social Studies, Computer Science etc. School staff is widely using ORTNet in their classroom and after-school activities, initiating telecommunication education projects all over the world.

- **Moscow ORT Technology college (established in 1996)**

Technology college conception development: Accomplished

Moscow ORT technological college was established on the base of Vocational school specialising in clothes designers training. The main activity is training of specialists for clothes design. The another one training of specialists in Informational Systems in Economy. The college is an element of multilevel educational system: School – College – Academy.

Renewal of College curriculum: Ongoing

The choice of main activity was made taking into account the vast experience of Moscow ORT Resource Centre in design specialists training. Great number of training methods devised by Resource Centre specialists are being adapted to the College educational process. These methods are mainly concern computer training technologies. Students are suggested different subjects, from computer literacy to the profound course in computer design based on the programs CorelDRAW! and CorelPHOTOPAINT!.

- **Kiev ORT-Leader school, Ukraine (established in 1996)**

New courses for pre-professional training development: Ongoing

4 new courses have been developed: Informational Technologies, Computer Design and Publishing Systems, Management in Business, Economy and Law.

2. Information Technology

- **Moscow ORT Technology school (established in 1994)**

IT Resource centre establishment: Accomplished

Resource centre includes two multimedia labs, digital and analogue electronics labs, high-tech, management and control lab. Educational kits, electronic equipment and other high-tech hardware designed by leading manufacturers (DEGEM, ESHED ROBOTICS, etc.) were provided by WOU.

Telecommunication centre establishment: Accomplished

Telecommunication centre providing direct access to ORTNet/ Internet from every work station is equipped with direct high speed digital line, powerful computers and sophisticated peripheral devices.

LEGO-LOGO class establishment: Accomplished

LEGO-LOGO lab equipped with computers, interfaces and advanced LEGO-DACTA sets of building bricks was established with generous support of Moscow Educational authorities. It is used for Control and Management Basics teaching of 6-7 graders.

Computerised Physics lab establishment: Ongoing

Computerised Physics lab has been designed and now Philip Harris equipment is being delivered and installed.

Technology school Web site development: Ongoing

Technology school Web site founded in 1995 is now expanding and getting nicer. Dozens of students are working on designing their home pages.

- **Moscow ORT Technology college (established in 1996)**

New computer labs: Ongoing

At present World ORT Union essentially modernises College technical base. College is being supplied with 3 new Pentium computer classes, equipment for drawing visual wall sheets of high quality, computer videomontage laboratory.

Internet connection: Ongoing

All computers in college are connected to Internet (dial-up). It is planned to purchase and install Internet-server in 1997 and to connect to Internet via leased line.

New information technology in clothes design: Ongoing

The modernisation will allow to increase the number of training hours of computer disciplines and design and will provide opportunity to apply visual Multimedia technology to the following subjects: Special Composition; History of Arts; History of Costume; Decorative Design of Clothes; Fabrics Design; Clothes Design and Modelling.

- **Kiev ORT-KPI college, Ukraine (established in 1994)**

New computer labs: Accomplished

The repairing of 5 computer classes and installation of computer equipment is completely finished.

- **Kiev ORT-Leader school, Ukraine (established in 1996)**

New computer labs: Accomplished

2 computer classes for 105 children are installed.

3. Jewish Education

- **Moscow ORT Technology school (established in 1994)**

Jewish studies curriculum development: Accomplished

Every student is exposed to modern secular Jewish education which implies 3 hours of Hebrew, 2 hours of Jewish History and 1 hour of Jewish traditions weekly. All major Jewish festivals are being observed. Jewish Department enrolls 6 full time and 4 part time teachers, including 3 *shlichim* from Israel.

Hebrew resource centre establishment: Accomplished

Hebrew resource centre of Moscow ORT school includes large library of textbooks, fiction and reference, video and audio tapes and computer software. It's equipped with video and audio tape recorders, computers, traditional items.

Multimedia lab for Hebrew study: Ongoing

Multimedia lab for Hebrew study has been designed and now is under installation.

Jewish community charity work project: Ongoing

In 1997 25 students started YAD-EZRAH project under JDC guidance. Each student is assigned to a certain senior person for a charity work. Next academic year the project is planned to be expanded up to 70 students.

Holocaust study centre project: Ongoing

Moscow ORT students have been studying Holocaust issues for three years. This year in terms of Holocaust programme a trip to Poland was organised. 35 students and 5 teachers were involved.

- **Moscow ORT Technology college (established in 1996)**

Jewish traditions

New collection of cloths "Jerusalem" is designed to jubilee of this town.

- **Kiev ORT-Leader school, Ukraine (established in 1996)**

Hebrew, history and traditions of Israel

According to the agreement with Embassy of state of Israel in Ukraine the training of Hebrew, history and traditions of Israel with the help of teachers from Israel cultural centre in Kiev is held in this school.

4. Fundraising and Public Relations

- **Moscow ORT Technology school (established in 1994)**

DATA-MIR database development project: Ongoing

In co-operation with Russian Jewry Heritage Centre (MIR) a new project for developing data base on educational resources for Jewish studies in Russian language with Internet access has been started recently. It has a financial support from JDC, Jewish Agency and other involved organisations.

Community leaders Internet support project: Ongoing

In 1995-1996 a group of Jewish community leaders were trained in co-operation with JDC. On-line assistance on Internet usage in community work is now being provided to them.

Moscow Region Teachers in-service training courses: Ongoing

Starting from 1995 ORT has been providing in-service training to Moscow Region teachers on a regular basis. During this school year 87 teachers have received ORT certificate of 75 hours of training on new information technology application in education.

• Moscow ORT Technology college (established in 1996)

Exhibition "Education and career": Accomplished

In April 1997 the College took part in Russian exhibition "Education and career". Thousands people visited the exposition that told not only about College but about all ORT Russia system of education. The Minister of Education of Russian Federation also has learned the ORT exposition.

RESOURCE CENTRE "ORT DE GUNZBURG, ST.PETERSBURG", RUSSIA

1. Pedagogical activity "ORT De Gunzburg, St.Petersburg" for International School

Number of students - 395 (at age of 7-17)

Girls - 222

Boys - 173

Since the 1st of September 1996 up to June 1997 the following work is planned in computer classes:

1632 hours Computer science lessons, including:

270 hours extra lessons:

- "School magazine" - 60 hours;
- "High technologies" - 10 grade - 42 hours;
- "Logo-Lego" - 5-6 grades - 60 hours;
- "Logoworlds" - 7 grade - 60 hours;
- "Education computer games" - 2 grade - 24 hours;
- "Education computer games" - 3 grade - 24 hours.

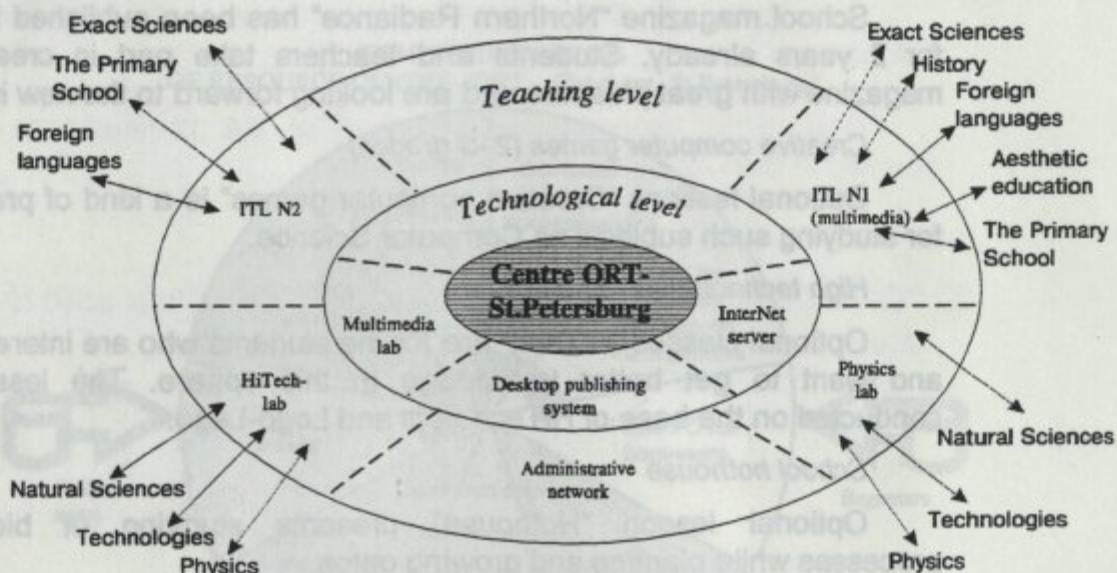
340 hours general subjects:

• 290 hours on English and Hebrew languages, Physics, Russian and other subjects;

- 50 hours - lessons in Philip Harris lab.

240 hours telecommunication educational projects

54 hours courses for teachers and education managers



Computer science lessons:

English and Hebrew languages, Physics, Russian and other subjects in computer lab

The process of introduction of information technologies has been carried on for 3 years.

According to the teaching computer science, English, physics, to the less degree they are used in teaching Russian, world artistic culture, geography, history.

The process of teaching may have different forms: conducting lessons in the computer class using special software making reports and searching for the information in Internet and registration of the reports in MS Word. The teachers of English use multi-media programmes at their lessons.

Hi-tech are studied at computer science lessons. This year the teachers have used Lego for these purposes which makes children more active.

Teachers of different subjects work out and create methodical materials for using High technologies. The brightest example of such work is the text book on world artistic culture in HTML-format.

Optional lessons

After classes a number of optional subjects and activities take place:

- Developing creative games (for the students of 2-3 grades)
- School magazine
- HiTech
- Projecting by the means of Lego-Logo
- Hothouse - studying of biophysical processes using planting of onion as an example.

Desk-top publishing (School magazine)

School magazine "Northern Radiance" has been published in school for 2 years already. Students and teachers take part in creating this magazine with great pleasure and are looking forward to the new issue.

Creative computer games (2 -3 grades)

Optional lessons "Creative computer games" is a kind of preparation for studying such subjects as Computer Science.

High technologies (10 grade)

Optional classes "HiTech" are for the students who are interested in it and want to get better knowledge in this sphere. The lessons are conducted on the base of HiTech sets and Logo-Lego.

School hothouse

Optional lesson "Hothouse" presents studying of biophysical processes while planting and growing onion.

Logoworlds (7 grade), Logo-Lego (5-6 grades)

During the optional lessons "Logoworlds" the students get acquainted with animation.

Telecommunication educational projects

Students take part in different international telecommunication projects under the teacher's guidance. One of such projects is the project "Smore".

This program will involve teachers, students, and parents in the excitement of the U.S. and Russian space partnership. The majority of the activities occur during the school year September 1996 - June 1997, coincident with the visits of the U.S. astronauts to the "Mir" Station.

Courses for teachers and education managers

One of the most important directions is organising and conducting seminars on studying and introduction of high technologies in the teaching process.

The future plans

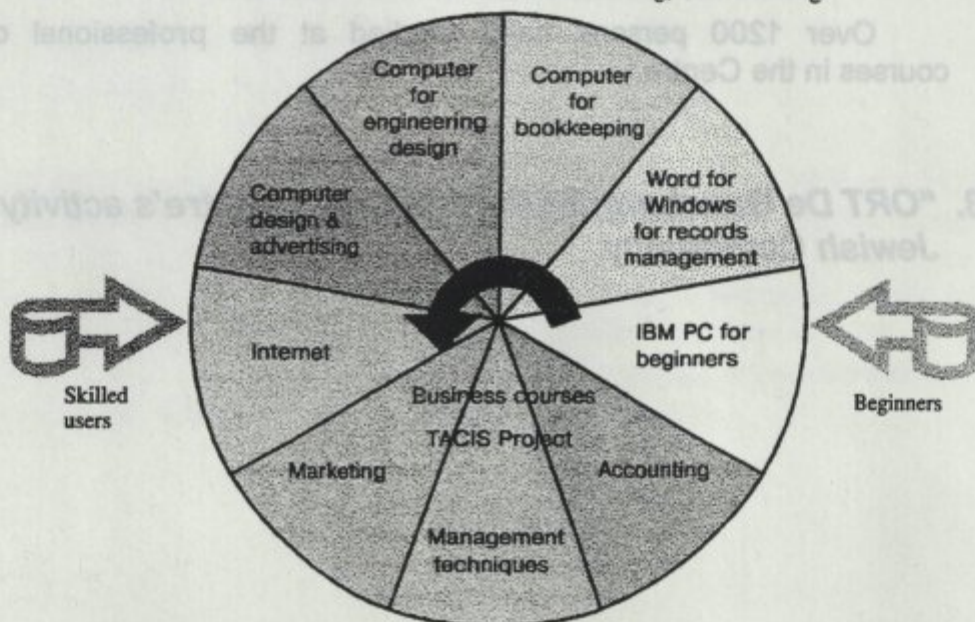
The main task for the school and Resource Centre "ORT De Gunzburg, St.Petersburg" at present is to intensify the teaching process, to develop the project form of education, to reach high level of under-university education for Jewish young people and to help adults to improve their qualification.

In future the Resource Centre & the school must become the concentration of modern technologies, which may form the basis for education of Jewish young people & development of cultural life of Jewish community in St.Petersburg.

The principles of realisation of these plans & projects are Multimedia & Internet computer technologies.

2. Adult Training

COMPUTER COURSES
OF RESOURCE CENTRE "ORT - Gunzburg, St.Petersburg"



Main branches of the Centre's activities:

Holding special courses of different ways of using computer technology:

In 1993-1995 the Centre took part in realisation of International Educational projects CALMAP and NGO SSP. Since 1996 the Centre take part in realisation of FES project and TACIS project. In course of NGO SSP project The Centre take part in Help-Desk project (an information-advice service for NGO).

Courses developed by the Centre "ORT-St.Petersburg" for TACIS project.

Marketing (50 hours)

Management techniques (50 hours)

Accounting (100 hours)

Professional teaching computer work using different course programmes for adults (open course system):

IBM PC for Beginners (50 hours)

Computer for Records Management (Word for Windows 6.0, Excel) (50 hours)

Computer for Bookkeeping (50 hours)

Computer Design and Advertising (Corel Draw!) (50 hours)

Computer for Engineering Design (AutoCAD) (50 hours)

Internet (25 hours)

Developing of teaching and presentation programmes:

Activities are carrying out on the agreement of Local Department of Education.

Over 1200 persons have studied at the professional computer courses in the Centre.

3. "ORT De Gunzburg, St.Peteresburg" Centre's activity for Jewish Community

The 12 Tribes Project

This is a phased project providing technology learning centres to Jewish schools and community centres all over The Former Soviet Union. The project provides networked computer laboratories, software, training for teachers and managers and technical and pedagogical support. The main aim is to improve the educational facilities for Jewish communities scattered around these territories to enable them to rapidly upgrade their educational provision in both Jewish and secular subjects. In particular we are training teachers to make effective use of the Internet, the global information superhighway and, in particular, ORTnet, which connects ORT educational establishments all over the world. Through this medium, Jewish students, teachers and parents can forge strong links with communities in other parts of the world, exchange information, carry out joint projects and increase the knowledge of their heritage and the rich variety of traditions that exist throughout Israel and the Diaspora.

This vital project has now been expanded from the original 12 Tribes to 22.

- Adult Basic Education
- Training for teachers
- An Integrated Learning Technologies Park (ILTP) for Accelerated Education and Training
- SPACENET an innovative Distance Education facility which aims at providing accessible education to remote areas in South Africa

ADULT BASIC EDUCATION

The ORT-STEP initiative was recently formed in August 1996 with IABTES (an ESXOM member) and the Africa Growth Network (AGN) to create an Integrated Open Learning Africa (IOLA). The primary focus of IOLA is to create and implement practical and technological solutions for the development of the human resource component in South Africa. The acquisition and development of skills, knowledge and attitudes provided through the IOLA project are considered essential for the social and economic upliftment of our human resources.

Jewish organisation

Centre "ORT De Gunzburg, St.Petersburg" cooperate with a majority of Jewish organisation of St.Petersburg

The following organisation have been connected up to the Internet-ORTnet:

Israel's Cultural Information Centre
Joint-St.Petersburg
Institute of Community Workers
St.Petersburg Jewish Association
Sohnut (Jewish Agency)of Youth
St.Petersburg Jewish University

All this organisations have own Home Pages on the Internet server "ORT-SPb".

Special training computer courses were held for the staff of this organisations.

The Centre give a technical support to The Israel's Cultural Information Centre in publishing its monthly magazine.

Pre-aliah Further training

A special Further course (600 hours) was held by the order of Ministry of Labour of Israel.

In co-operating with The Israel's Cultural Information Centre regular training courses of modern computer technologies take place.

Computer programming (60 hours)

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This vital project programme expanded from the original 12

Computer in Engineering Design (AutoCAD) (60 hours) SS of sednT
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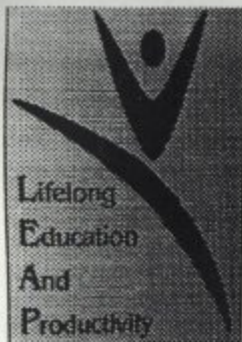
Internet (20 hours)

Developing of teaching and presentation programmes

Activities are carried out on the agreement of Local Department of Education.

Over 1200 persons have studied at the professional computer courses in the Centre.

3. "ORT De Gunzburg, St.Petersburg" Centre's activity for Jewish Community



ORT LEAP TRUST

Eskom Conference Centre,
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PBag X13, Halfway Hse, 1685
Telephone: (011) 651-6037
Facsimile: (011) 651-6114
e.mail: iris@ort.pix.za

ORT, (Organisation for Educational Resources and Technological Training) is a non-profit, non-governmental organisation with expertise in setting up effective Science and Technology Training Centres. The World ORT Union is an international organisation, founded in 1880 in Russia and works in over 60 countries (28 in Africa) and is registered with the United Nations. After the demise of apartheid the World ORT Union established its first South African Centre in May 1993, in Gauteng, through ORT-STEP (ORT Science and Technology Education Programme).

One of the principal activities of the Institute is to train and re-train teachers from disadvantaged communities (including trainers in industry) to better their qualifications in the teaching of Technology, Science and Mathematics Education.

During the past two years ORT-STEP introduced several training courses for industry. These have included a needs analysis for the Macsteel group, and 'Train the Trainer' courses for ESKOM and AECI.

Following the demand for suchlike courses ORT-STEP decided to form a new division, namely 'Training in Industry'. The 'Training in Industry' division operates in three major areas and aims at providing the following services:

- Adult Basic Education
- Training for trainers
- An Integrated Learning Technologies Park (ILTP) for Accelerated Education and Training
- SPACENET (an Interactive Distance Education facility which aims at providing accessible education to remote areas in South Africa)

ADULT BASIC EDUCATION

The ORT-STEP Institute has recently formed an alliance in August 1996 with IAETES (an ESKOM initiative) and the Africa Growth Network (AGN) to create an Integrated Open Learning Alliance ("IOLA"). The primary focus of IOLA is to create and implement practical and technological education for the development of the human resource component in South Africa. The provision and development of skills, knowledge and attitudes provided through the IOLA project are considered essential for the social and economic upliftment of our human resources.

- Generic programmes as well as programmes specifically developed for specific industries and communities.
- A computer based library and information technology.

The role of ORT-STEP within the IOLA project is to identify and promote educational and training projects that will result in the development of the necessary managerial, technological and administrative competencies, thereby ensuring the necessary social and economic empowerment to previously disadvantaged communities.

ORT-STEP is presently running a programme on the NQF 1 for IOLA which provides the content and methodology for educational and training Adult Basic Education programmes, equivalent to the General Education and Training Certificate (GETC). Courses offered on the NQF 1 level are English, Maths, Combined Sciences Technology and Business Science. The content of the courses offered have been adapted, evaluated and sourced from reputable educational organisations and from material developed by ORT-STEP itself and its access to materials developed by the World ORT Union.

The course content is equivalent to Standard 7 in a normal school curriculum focusing on Adult Education. The aim is to address short term requirements of Basic Education and Training in order to produce stepping stones for enterprising managers, technologists and administrators. Acquisition of NQF level 1 will afford entrants the opportunity to embark on technical training - the minimum requirement on entry level - and will afford learners better employment opportunities.

The NQF 1 Course

The course is aimed at trainees in the community and industry and comprise 6 part-time subjects during the first year. The lessons take place for two 4 hourly sessions per week, one hour of which involves delivery through the medium of interactive distance learning. Local facilitators who have participated in ORT-STEP workshops on each subject deliver the 3 hour 'face to face' training while the one hour of Interactive Distance Learning is delivered by an expert in the particular subject.

The ORT-STEP methodology is applied in all subjects and the courses are evaluated by SAIDE (South African Institute for Distance Education), while the IEB (Independent Examinations Board) provide the examinations.

TRAIN THE TRAINER

"Coaching trainers to unleash the potential of their trainees" is the aim of the course which incorporates training in the latest educational technology with innovative methodology and powerful presentation techniques. The course has been presented to ESKOM trainers.

The response to the course has been tremendous, with delegates commenting on the their personal growth and development and improved performance.

**INTEGRATED LEARNING TECHNOLOGIES PARK FOR
ACCELERATED EDUCATION AND TRAINING**

World-wide experience indicates that the productive human resource component is the main factor determining a country's economic independence and the well-being of its citizens.

'Productive human resources' does not refer to 'masses of cheap non-professional labour' but rather to individuals equipped with appropriate knowledge, skills and attitudes necessary to compete for employment opportunities and who will be able to make a meaningful contribution to their employers, society and the economy of the country as a whole.

South Africa's economy is in dire need of qualified human resources and it is clear that conventional methods have been ineffective in upgrading sufficient people in a short space of time. Innovative methods are called for to achieve accelerated learning and training, thereby decreasing the wide educational gaps that are prevalent amongst members of the South African population.

Similar projects have run successfully in developing countries such as Brazil, Argentina, and Equador as well as in developed countries such as the UK and the USA. These centres serve to uplift a variety of sectors, some of which are pupils, teachers, trainers, trainees and communities as well as professional on different levels, from operators to executives. The programs have encouraged careers in fields such as food technology, electronics, hydroponics, computer communications, process control, radio, telecommunications and modern automotive industry. They also cater for rural communities with regard to agricultural technology and overall development through the use of educational technology.

The Integrated Learning Technologies Park will serve as a 'supermarket' of the appropriate educational technologies designed to uplift and upgrade a diverse and large number of learners cost effectively and efficiently. The centre would operate for 16 hours daily and would ultimately have the capacity to host 200-300 students on-site at any given time.

The centre will comprise the following:

- Multimedia educational technology (Computer Based Training) covering a wide variety of topics relating to the South African work and education environments from nursery school to engineering.
- Facilities for experiencing different educational technologies.
- Classes for on-site training expertise in a wide range of fields for the purpose of running training programmes for a diversity of trainers and learners.
- Adult education and community upliftment ranging from basic literacy to professional updating in the context of the world of work and home.
- Mobile laboratories for distribution of the centre activities to sites throughout the country, including remote rural sites.
- Field consultancy and support system for the provision of pedagogic, curricular and technical support to the trainees in the process of developing and implementing the centre's programmes in their own environments.
- Generic programmes as well as programmes specifically developed for specific industries and communities.
- A computer based library and information technology.

- Studio facilities for Interactive Distance Education Learning programmes.
- Lecture accommodation.
- A staff room.

The project will be established in three main phases and will ultimately house a wide range of centres. ORT-STEP has approached industry for partnership in the project.

BUSINESS COURSES

The ORT-STEP 'Training in Industry' division is presently designing customised business training courses for different sectors within the black community.

ORT PROGRAMS IN THE UNITED STATES

Bramson ORT Technical Institute - Bramson ORT's main campus in Forest Hills, Queens, as well as its extension sites in Manhattan and Brooklyn have trained over 1,600 students during the 1995-1996 year. The majority of the students continue to be Jewish immigrants who are enrolled in technical programs along with intensive courses in English as a Second Language (ESL). Technical programs are Computer Programming, Electronics Technology, Ophthalmic Laboratory Technician, Business Management, Accounting and Executive Secretary. Jewish Studies are an integral part of ORT's programs. Bramson ORT also provides cultural enhancement programs as well as liberal arts.

Bramson ORT was awarded a VATEA (Vocational Applied Technology Education Act) grant to fund short-term courses in multimedia, Internet, computer repair and networks, word processing, and career development. The continuing education program also offers adult education courses in computer technology.

Bramson ORT continues to have joint programs with NYANA (New York Association for New Americans), HIAS (Hebrew Immigrant Aid Society) and Council of Jewish Organizations of Flatbush. On June 18, 1996 we celebrated the Bramson ORT graduation ceremony. When the message from President Clinton to Bramson ORT students and administration was received, it created a great deal of pride.

ORT Resource and Development Center - The ORT Resource and Development Center and the Board of Jewish Education of New York presented a seminar, "The Jewish Internet and Jewish Multimedia." More than 100 educators of Jewish schools attended presentations on the latest computer technology applications in Jewish Studies on December 9, 1996.

Los Angeles ORT Technical Institute - The year 1995-1996 was a significant one in the life of L.A.O.T.I. The main campus moved to its new site on 6435 Wilshire Boulevard, next to Jewish Federation, which was purchased by initiative and a large contribution from Stanley Black. The campaign committee continues to devote a great deal of effort into fund-raising to pay the mortgage and renovation costs of the building.

Over 1,200 students have been trained at L.A.O.T.I. during 1995-1996 in the fields of computerized accounting, computer aided design, desktop publishing, electronics technology, computer repair, and medical secretary. On June 11, 1996 a very exciting graduation ceremony took place on the site of Wilshire Boulevard Temple for the last time before moving to

the new site where graduates, their parents, staff and administration, along with members of the Board of Trustees and lay leaders celebrated the new home of Los Angeles ORT Technical Institute.

L.A.O.T.I. has a very good relationship with the Jewish Federation and Jewish Vocational Services, where they refer students to L.A.O.T.I.

Zarem/Golde ORT Technical Institute - The Zarem/Golde ORT Technical Institute continues to serve mostly Jewish immigrants from Russia and other Eastern European countries. During the 1995-1996 school year, Zarem/Golde ORT Technical Institute trained over 650 students in the fields of computerized accounting, computer aided design, electronics technology and word processing. The Institute is equipped with modern computer laboratories and equipment. During the year 1995-1996 the Building was renovated, air conditioning repaired and library updated. On June 26, 1996 a very exciting graduation ceremony took place in the beautiful gathering hall of the Institute, where members of Women's American ORT and American ORT, along with community members, students and administration celebrated the success of the students.

The Hillel-ORT Technology Center - The Hillel-ORT Technology Center is a joint venture between ORT and the Hillel Community School in North Miami Beach. It's the largest Jewish school in the Southeast, serving over 1,400 students.

The Hillel-ORT Technology Center provides intensive study in computer operations to high school and day school students. Multimedia and electronic technology are new additions to this program. The center added an electronics laboratory in the fall of 1991.

Atlanta - In the fall of 1991, ORT started its new computerized Jewish education program involving four of Atlanta's Jewish schools: Hebrew Academy, Epstein Day School, Yeshiva High School and Torah Day School. During the 1995-1996 school year, these four schools served over 1,300 students. The ORT Computer Program provided instruction to students from Kindergarten through twelfth Grade in Jewish History, Education, Heritage and Hebrew Language skills. The ORT Director worked with the four schools to further develop educational programs based on Computer Technology. Several delegations from Women's American ORT and American ORT visited ORT Operations Programs in the U.S. and remained most impressed.

Cleveland - A new ORT Technology Center is being planned for Cleveland, Ohio. The Center will work together with the Jewish Education Center of Cleveland and will support computer technology operation in Jewish schools: Hebrew Academy, Hillel, Agnon School and Bet-Sefer Mizrahi.

Budget - The United States School Operational Budget for 1995-1996 is \$9,150,000.

85% of the budget is generated by student tuition, government grants, contracts, etc.

The following are new study programs that were first offered in the period 1993-1997, or were significantly redesigned during that period. Programs are ordered by level, and are presented in chronological order within each level.

Undergraduate programs

Licenciatura en Estudios Internacionales (B.A. in International Studies). A four-year, university-level program, with subjects in marketing, economy and international commerce and law, oriented to international relations and business, international project management and languages. First offered in April 1993.

Licenciatura en Comunicación (Periodística, Audiovisual, Publicitaria). A four-year university level study program, with three options of major: Journalism, Audiovisual Production, and Advertising. Subject areas include social science, history, art and literature, besides the core technical subjects of each major and instrumental subjects such as photography and languages. First offered in March 1995.

Ingeniería en Telecomunicaciones (Telecommunications Engineering). A five-year, university level study program oriented to the specification, design, planning, installation, operation and management of telecommunication systems. Subjects cover analysis and syntheses of analog and digital electronic systems, techniques and technologies for information transmission, with in-depth study of digital systems, data and voice networks, radio and video transmission. First offered in March 1995.

Licenciatura en Diseño Gráfico (Graphic Design). A university-level program of four years, providing students with natural talents for graphic design with a rounded formation in theory, technologies, and applications of visual design, including multimedia and advertising. An intermediate title, "Diseñador Gráfico", is awarded at the end of the second year. First offered in March 1995.

ORT Uruguay
Activity Report for 1993 - 1997

CURRICULUM DEVELOPMENT

The Uruguayan state recognized ORT Uruguay as a University in September 17, 1996, giving it the right to award university degrees at the undergraduate, professional and postgraduate level, including doctorates, with full legal effects. The government decree followed a lengthy in-depth evaluation by the Ministry of Education of ORT Uruguay's study programs, infrastructure, professors and institutional capabilities. ORT Uruguay was the first University to be recognized under the legal framework instituted in August 1995, becoming the third Uruguayan university (after the State university, founded in the last century, and the Catholic university, which had been recognized by the military government in 1984).

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Ingeniería en Sistemas (Systems Engineering). A five year university-level study program oriented to software engineering, data networks, object oriented methods and languages, with significant innovations in curricular content and activities. Courses started in March, 1996.

Redesign of the study program of Analista de Sistemas (B.S. in Information Systems). In 1996, this program was redesigned to focus upon the identification, design and development of management information systems within a firm. The new four year university-level program includes management sciences, systems auditing and control, and quality management, besides technical content in visual programming, multimedia, data networks and data base management systems.

Licenciatura en Economía (B.Sc. in Economics). A four year, university level program in Economics, oriented to the training of professionals in the field. Main subject areas included are micro- and macroeconomics, mathematics and statistics, finance, international business, and instrumental subjects (languages and informatics). First offered in March, 1996.

Redesign of study program of Licenciatura en Gerencia y Administración de Empresas (Business management). In 1996, this study program was substantially modified to a four year, university-level program, extending the load and coverage of core subjects, and incorporating additional subjects in the social sciences.

Postgraduate programs

Diploma en Recursos Humanos (Diploma in Human Resources). A postgraduate program of one year, oriented to professionals interested in personnel administration, labor relations and organizational analysis, either as managers or as consultants. It addresses human resources administration in organizations, studying management techniques and problems. First offered in May 1993.

Diploma en Finanzas (Diploma in Finance). A postgraduate one-year study program oriented to managers and professionals, covering to financial management, investment portfolio analysis and management, and risk management. First offered in May, 1994.

Diploma en Gestión Agroindustrial (Diploma in Agroindustries Management). A one-year, postgraduate study program, oriented to professionals in agroindustries. The areas covered are accounting, marketing, strategy and international commerce, besides instrumental subjects. The program ends with a project in which the participants define a business plan for a specific agroindustry. First offered in May 1995.

Diploma en negocios internacionales e integración (Diploma in International Business and Integration). A one-year postgraduate study program, oriented to entrepreneurs, professionals and diplomatic personnel interested in the environment of international organizations, international business and multinational firms. Main areas covered are international relations; international economy, marketing and commerce. It was first offered in May, 1995.

Diploma en Educación. (Diploma in Education). A one-year specialization program, offered with the academic cooperation of the Harvard Graduate School of Education, designed for introducing teachers in secondary and primary education to the methodology of research in education, and including a project of an innovation in teaching, or a research monography. First offered in 1996.

Seminars and continuing education programs

Programa de Desarrollo Profesional en Sistemas (Professional Development Program in Systems). A series of seminars, with the objective of contributing to the continuing education of professionals and managers in the area of computer and information systems. Different modules address object oriented programming and design, software engineering, and the relationship between information systems and business strategy. First offered in May, 1994.

Programa de Desarrollo Gerencial en Salud (Management Development Program in Health Services). This program addresses the need for managerial preparation in the health services area, by providing an array of subjects in accounting, operations, finance, economy and quality management. It is oriented to health services administrators in the public and private sector. It was first offered on May, 1994.

Certificado de dirección de organizaciones sin fines de lucro (Certificate of management in non-profit organizations). This program is oriented to professionalization of decision-making in non-profit organizations, addressing marketing, fund-raising, the legal and tax framework, financial accounting, strategy, and project management and evaluation. The program ends with a self-diagnostic workshop and the completion of a project by participants. The first edition was offered in 1994 to Jewish non-profit making organizations; in following years, the program was open to the public.

Programa de certificación de auditores de sistemas de informacion (Information systems auditing). A series of seminars dedicated to systems auditing and control, intended to prepare participants for the CISA certification exam of the Information Systems Audit and Control Association. First offered in May 1995..

Programa de Gestión Ambiental (Environmental Management). A set of workshops oriented to managers, directors and executives of business firms, and to public sector regulators and executives, addressing a theoretical, legal and operational framework for decision-making about environmental issues, in the Uruguayan context. First offered in May, 1995.

Programa de desarrollo profesional en Telecomunicaciones (Professional development program in Telecommunications). A set of seminars oriented to professionals coming from the data processing field, covering new developments in telecommunications, networks and data communications, local- and wide area networks, and data network management and technologies. First offered in 1996.

Technical study programs

Redesign of study program of Técnico en Electrónica (Electronics Technician). In 1993, and again in 1996, this program was changed, to give more emphasis to the subject areas of digital electronics, microprocessors, automatic control and telecommunications. The Electronics Technician program is the oldest technical program in ORT Uruguay, having been offered every year since the early seventies.

Diseñador Gráfico (Graphic Designer). A two-year program preparing graphic designers with excellent command of computer-aided design tools and graphical technology. First offered in March 1994.

Redesign of the study program of Analista Programador (Analyst-Programmer). The three-year study program was completely redesigned in 1995, to include visual programming and multimedia development environments, giving less emphasis to character-based systems tools.

Técnico en Gerencia (Management technical program). A two-year study program in management, which includes marketing and sales, customer support, financial mathematics, accounting, informatics, personnel management, taxes, and international commerce regulations. First offered in March 1996.

Diseñador de Interiores (Interior Spaces Designer). A three year technical program preparing students for design and implementation of architectural solutions in interior spaces. It includes an intermediate title of Technician in Interior Design at the end of the second year. First offered in March 1996.

Short courses. Several new short courses were developed in each of the areas of personal computing, programming, electronics and data communications, computer graphics and marketing.

INFORMATION TECHNOLOGY

Information technology continues to be a key of the operation in ORT Uruguay, in several dimensions: its use within the study programs and class activities, its applications to communications, and its role in internal management information systems.

In 1993, as soon as it became available in Uruguay, ORT Uruguay obtained its first connection to the Internet, via UUCP. In 1994, the connection was upgraded to a class C Internet domain (ort.edu.uy), connected at 9600 bps. In 1995, the connection was upgraded to a digital 64 Kbps line, and the first World Wide Web site of ORT Uruguay was developed and set in operation. In 1996, the first server dedicated exclusively to academic usage started operation, initially in some courses of the School of Engineering. This academic server supports student-teacher dialogue via e-mail and allows the access (via password) to course content, bibliography, exercises, and other pieces of courses.

ORT Uruguay's WWW site has become a significant medium to disseminate information about courses and the institution. In February 1997, the site was registering accesses from about 1000 different domains each week; many requests for information about courses came and were answered through e-mail.

The internal data network has been completely revamped, from asynchronous lines to a complex TCP/IP configuration with more than 100 terminals connected. ORT Uruguay's buildings are joined by a digital 64 Kbps line, and several dedicated phone lines. The internal information system, which had been operating since 1982 and was based in conventional files, was no longer adequate in view of the expansion of needs, and began to be replaced with a new one, developed internally, based in a relational data base. The first module of the new system started operation in 1996. The new information systems support not only management and academic activities, but also direct marketing, by keeping data bases about contacts and allowing mailing lists to be selected by non-structured criteria. The first version of the marketing contact system entered production in 1995.

In 1996, an e-mail and WWW server machine started operation, with the exclusive purpose of allowing science teachers in secondary education institutions to establish contact and exchange e-mail. The network links four private secondary institutions (one of them a Jewish school), and allows teachers to connect from their homes or their schools. Research is being carried out about the communication patterns developing in the network, which includes about one hundred teachers of three disciplines.

The growing number of computers in ORT Uruguay's laboratories (currently more than 450 machines) has allowed an increasing stream of technology applications in order to improve the quality of courses and of student learning. Some applications that stand out among the many developed are: the use of symbolic equation solvers in teaching Mathematics, of simulation programs in several areas in the School of Management, and of electronic circuit design in the School of Engineering. These innovative applications are besides the very intense but more traditional use of technology as a direct tool, in subjects such as graphic design, computer programming, technical drawing (CAD), and writing. Information technology in courses is usually coupled with innovations in course design or activities, which contribute directly to better learning.

In August 1996, ORT Uruguay started the first regular course taught via interactive videoconference in the country. The course, which consisted of three modules of the Management Development Program, linked professors in Montevideo with a group of 25 students in Colonia (200 km. west of Montevideo), and was supported by the local government of Colonia and the Uruguayan state telecommunications company. The digital data link allowed interactive video and audio in both directions, and was complemented by computer, audio and video equipment in both locations. The participants in the course developed the same activities that would have taken place in a presential course, and gave a very positive evaluation of the experience. The videoconference courses are planned to continue in 1997, expanding its reach to additional sites.

INTERNATIONAL COOPERATION

The Mother and Child project, initiated with funds from the CIDA and the European Union, continues in operation, with the centers in charge of the Montevideo city government. The last of the centers was inaugurated in August 1996.

The Distance Learning courses of electricity and home appliances maintenance, developed originally through International Cooperation, are still being taught successfully. In 1996, these courses were given in La Teja neighbourhood of Montevideo (with the support of the city government) and in the city of Juan Lacaze, located 160 km. west of Montevideo (with the support of the local government).

JEWISH EDUCATION

ORT Uruguay published its Notebook for the years 5754, 5755, 5756 and 5757. The Notebooks included commentaries and information on specific issues: Haftorot (in 5754); historical and geographical facts about Jerusalem (5755); the European Jewry before the Shoa and facts about the Shoa itself (5756); and a special series of drawings by elementary Jewish school children of South America, about the Parashiot Hashavua (5757). Special publications were made available on occasion of Jewish holidays and memorial days. Besides these publications, ORT was present at every important event that took place in Jewish schools in Montevideo, and continued supporting the computer labs in several Jewish schools.

FUND RAISING

ORT Uruguay raised the following amounts in 1993-1997:

Year	U.S.\$ raised
1997	28,000
1996	25,171
1995	23,351
1994	---
1993	---

PUBLIC RELATIONS

ORT organized each year many events, often around visits by scholars or personalities, open to the public. In February 1996, a seminar about scientific research gathered all of the Uruguayan research community in ORT Uruguay.

International contact with other universities continued throughout 1993-1997. ORT Uruguay became a member of the International Association of Universities, the IEEE, AAHE and ATEI, and continued its active membership activities within AACSB and CLADEA. Several exchange programs for students and teachers were started with the support of the Spanish Agency for Iberoamerican Cooperation. ORT Uruguay also started participation in a network within the ALFA program of the European community, dedicated to university-industry cooperation.

Academic agreements for cooperation activities, and approval for the admission of ORT Uruguay graduates to postgraduate studies were reached, either globally or in specific fields, with many Universities; among them Oxford, Harvard, Reading, Boston, Universidad de La Plata, Universidad de Buenos Aires, Illinois Institute of Technology, Cordoba (Spain), Miami, Tel Aviv, Universidad de Chile, Göteborgs, and Columbia.

The two new workshops were included in the program by the "Instituto Nacional del Motor", a governmental agency.

During 1994, 3 new workshops were organized. The titles of the new ones are as follows:

- 1 Electricity workshop
- 1 Secretarial Skills with the use of computers workshop
- 1 Assistant Administrative workshop

During 1995, an agreement was signed with ANEP, a private non-profit foundation, for the installation of one Electricity workshop and one Repair of Electrical Household Appliances workshop in their premises.

All these workshops continue to operate and 1,300 youngsters have been attended.



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ORT VENEZUELA

TRAINING WORKSHOPS PROGRAM

ORT Venezuela was established as a stable centre in Caracas in 1991.

Since 1993, there has been a permanent increase in the number of workshops opened and functioning in the metropolitan area of Caracas, particularly in areas where a low income population prevails.

Until 1993, two workshops had been installed. Towards end of 1993, we had functioning:

- 1 Plumbing workshop at a Community Centre
- 1 Electricity workshop at the same Community Centre
- 1 Repair of Electrical Household Appliances workshop
- 1 Secretarial Skills with the use of computers workshop

The two new workshops were installed in premises provided by the "Instituto Nacional del Menor", a Government institution.

During 1994, 3 new workshops were installed. Specialities of the new ones are as follows:

- 1 Electricity workshop
- 1 Secretarial Skills with the use of computers workshop
- 1 Assistant Accountant workshop

During 1995, an agreement was signed with ADIC, a private non-profit foundation, for the installation of one Electricity workshop and one Repair of Electrical Household Appliances workshop in their premises.

All these workshops continue to operate and 3,200 youngsters have been attended.

For installation, premises offer and functioning of the workshops, agreements were signed by ORT with the following institutions:

- Ministry of Family Affairs
- Ministry of Youth
- Libertador Mayor's Office
- Sucre Mayor's Office
- Association of Community Integral Development (ADIC)
- Bentata Family
- Rotary Club Chacao
- Jacobo Borges Museum
- Canadian Embassy
- European Economical Community - Ministry of Youth
- Polar de Venezuela Foundation
- Interamerican Development Bank BID - Ministry of Family Affairs

Presently, 4 workshops are in process of installation, according to the project approved by the European Economical Community and the Venezuelan Ministry of Youth:

- Motors rewinding
- Repair of constructions
- Graphic drawing with computers
- Repair of micro-computers

Furthermore:

- 1 Marquetry and Wood work workshop - Polar Foundation - Contemporary Art Museum
- 1 Micro-computer Operators workshop - Rotary Gran Colombia Project.

will all be starting in June, 1997.

The above, means that for the year 1997, 14 workshops will be operating. In each workshop 6 courses are being taught per year and around 1,600 youngsters will attend those courses. Besides the particular trade, they are being provided with an academical levelling in reading, writing and calculation, as well as personal development workshops (self-concept, self-esteem, communication, inter-personal relationships), citizenship formation and labour guidance. Through these last 3 years, ORT Venezuela has strengthened itself in the Country, being recognized as an NGO devoted to

labour training, with great experience in this field, fulfilling with quality, responsibility, perseverance and seriousness its mission.

CREATIVE EDUCATION PROGRAM

This is a commitment between the Keren Hinukh Caracas and ORT Venezuela towards the Jewish Community Education. The following areas are being developed:

- Biotechnology Project
- Educational Computer Science Project
- Social Science Project
- Natural Science Project
- Evaluation System Project
- Teachers Training in Mathematics for Elementary school.

2.900 students and 80 teachers have benefited with the implementation of these projects. ORT is involved more and more in the development of the Jewish Community education.

RESOURCES AND TRAINING CENTRE

Instalment of a Resource Centre for Learning and Technology is being developed, in ORT's premises.

There, teachers will be able to find everything they need to enrich their task: written material, videos, maps, etc. They will also be able to update and improve their knowledge with courses, publications, tapes, etc.

ORT'S HERALD

Newspaper directed to children containing educational subjects. The first issue edition has been published in 1996 with a run of 4,000 copies. The second issue is being prepared.

The idea is to contribute with a material having a rich content and, at the same time, an attractive presentation, on subjects as Social Science, Natural Science, etc... with notes directed to teachers, for its use, making teaching and learning more interesting and enjoyable.

CIED - ORT VENEZUELA

In 1996 an agreement was signed with CIED (International Centre of Education and Development, affiliated to P.D.V.S.A.) to manage the project "National Program of Apprenticeship, P.N.A., of the Petroleum Industry in Venezuela, with the purpose of training craftsmen in trades used for this industry in the Country.

As per INCE's law (Educational Cooperation Institute), industries and business should prepare human resources in their area of action, enrolling young people who are trained during 2 years in centres in the same industry and directly in working places. These youngsters are named "apprentice" and ORT Venezuela has been hired to prepare them.

As per the agreement, ORT will be receiving 4 premises in different regions of the Country (Cabimas, Anaco, Moron and Paraguana) and 1,500 apprentices per year will be trained in 18 trades (i.e. Mechanics for Maintenance, Instrumentation, Universal Welding, Electricity for Maintenance, etc.) Presently, we have received Cabimas training centre, where 240 apprentices are in the theoretical phase, being trained in 15 programs and 278 apprentices are in the Practical phase implemented in the petroleum (oil) industry directly.

During the second quarter of this year Anaco and Moron will already be under ORT's administration.

Terms of the agreement will allow us to develop programmes on: Optimization of P.N.A., application of the Modulated Dual strategy, development of Entrepreneur Attitudes, Skills Enhancement and Personal Development.

ORT's engagement by the Petroleum Industry, which is the number 1 in the Country and the number 7 at world level, is a recognition to the Organization, which has assumed the challenge with great enthusiasm and professionalism.

