Appendix I
AND LAMETA BEDS.
GRANITE & GNEISSES.
DECCAN TRAP.
MINERALS
LIMESTONE.

INDEX

GEOLOGY

DHRAR DISTRICT
PHYSICAL

SCALE
1 10 20
KILOMETERS
1 10 20
MILES

DISTRICT BOUNDARY.
TAHSIL BOUNDARY.
RIVER WITH DRY BEDS.
RIVER WITH WATER.
TANKS WITH DRY BEDS.
TANKS WITH WATER.
RESERVOIR.

RAILWAY LINE, METRE GAUGE
WITH RAILWAY STATION.
ROADS METALLED.
ROADS, UNMETALLED.
TOWN.
VILLAGE.

1981
Appendix II
INTERVIEW SCHEDULE FOR GYANDOOT USERS AND NON USERS IN NAGDA

**PERSONAL PARTICULARS**
Name of the respondent

**SOCIAL PROFILE**
1. Who is the HoH
   - (1 grand father, 2 grand mother, 3 father, 4 mother, 5 brother, 6 sister, 7 son, 8 daughter, 9 son-in-law, 10 daughter-in-law, 11 grandson, 12 granddaughter, 13 self)

2. Age
3. Gender
4. Caste
5. Educational Status
   - (If Illiterate skip Q. no. 6)
6. Level of Education
   - (1 non formal, 2 little formal, 3 primary, 4 middle, 5 matric, 6 senior sec, 7 graduate)

7. Employment Status
   - (1 Employed, 2 Unemployed)
8. Occupation Main
   - Secondary (if any)

9. What is/was your father’s occupation?

10. What is/was your mother’s occupation?

11. Marital Status
    - (1 married, 2 unmarried, 3 divorcee, 4 widow-widower)

12. Family Type
    - (1 nuclear, 2 joint, 3 extended)

13. How many members are there in the HH?

**ECONOMIC PROFILE**
14. Do you own any land?
   - (1 Yes, 2 No)
   - (If no, go to Q No. 16)

15. How much land do you own?
   - bighas/acres

16. Do you own any cattle?
   - (1 yes, 2 no)
17 Which of the following do you own?

<p>| | |</p>
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</thead>
<tbody>
<tr>
<td>TV</td>
<td></td>
</tr>
<tr>
<td>Radio</td>
<td></td>
</tr>
<tr>
<td>Bicycle</td>
<td></td>
</tr>
<tr>
<td>Scooter/Motorcycle</td>
<td></td>
</tr>
<tr>
<td>Car/Jeep</td>
<td></td>
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<tr>
<td>Telephone</td>
<td></td>
</tr>
</tbody>
</table>

18 How much is your approximate annual family income (in Rs)?

1 (below 5000), 2 (5000-10 000), 3 (10-15000), 4 (15-20 000), 5 (20-40 000), 6 (above 40 000)

19 Do you receive any remittances?  

(1 Yes, 2 No)

20 How many members in the family are currently studying?

21 How many members are attending some vocational course?

22 What is your source of water at home?  

(1 water connection, 2 govt tube well, 3 private tube well)

23 Do you have electricity connection?  

(1 Y, 2 N)

SECTION

24 Have you ever heard of computers?  

(1 Y, 2 N)

25 Have you ever seen a computer?  

(1 Y, 2 N)

26 Have you ever used a computer?  

(1 Y, 2 N)

USER-I (computer user)

27 When did you access it first?  

(1 Y, 2 N)

28 What have you used it for?  

(1 DTP, 2 entertainment)

29 Where do/did you access it?  

(1 home, 2 friend/relative, 3 soochinalaya, 4school, 5 city cyber café)

30 How did you access it?  

(1 self, 2 Operator)

31 How often do you use it?  

(1 Daily, 2 Weekly, 3 Monthly)

32 How did you get to know about it?  

(1 Family members, 2 Friends, 3 Newspapers, 4 TV, 5 Radio, 6 School, 7 Soochak)

33 Do you still use it?  

(1 Y, 2 N)

34 Has it benefited you so far?  

(1 Y, 2 N)
35 Have you heard of gyandoot?  
36 Have you ever accessed gyandoot?  

(USER- II (Net user))
37 When did you access it first?  
38 How did you access it?  
39 Where did you access it?  

40 How often do you access/use it?  
41 How many times have you accessed it so far?  
42 How did you get to know about it?  

43 Do you still use it?  
44 For what purpose do you use/access it?  

45 Has it benefited you so far?  
46 If yes then in what terms?  

47 Which of the following are the problems with the Internet?

<table>
<thead>
<tr>
<th>Accessibility</th>
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<tbody>
<tr>
<td>Affordability</td>
<td></td>
<td></td>
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<tr>
<td>Language</td>
<td></td>
<td></td>
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<tr>
<td>Irrelevant content</td>
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<tr>
<td>Find it unnecessary</td>
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<tr>
<td>Lack of time</td>
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<tr>
<td>Lack of knowledge</td>
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<tr>
<td>Distance</td>
<td></td>
<td></td>
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<tr>
<td>Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
48 Why did you not access it? Identify the problems.

- Accessibility
- Affordability
- Language
- Irrelevant content
- Find it unnecessary
- Lack of time
- Lack of knowledge
- Distance
- Other

ASSESSMENT OF NEED FOR INFORMATION

49 To which of the following do you have access to?

- Newspaper or magazines
- Radio
- Television

50 How do you normally get to know of things at district level, state level, and national level?

(1 TV, 2 Radio, 3 Newspapers, 4 Friends, 5 Teachers, 6 Visitors, 7 don't get to know at all)

51 How often do you visit the district headquarters?

52 How often do you need to go out of village?

(1 daily, 2 at least once a week, 3 at least once a month, 4 less frequent than monthly)

53 For what purpose do you go out of the village most of the time?

(1 meeting relatives and friends, 2 marketing, 3 business, 4 job, 5 govt. related work, 6 travel)
PERCEPTIONS

54 Do you think it is of any help or use?  □  (1 Y, 2 N)

55 What are its advantages?

56 How important do you feel is this technology? □  (1 essential, 2 imp., 3 not so imp., 4 not important at all)

57 What do you think are its disadvantages?

58 Do you think it is necessary to have knowledge of computers to use Internet? □  (1 Y, 2 N)

59 How long do you think it might take you to learn to use it? □  (1 one month, 2 upto three months, 3 half a year, 4 one year, 5 more than a year, 6 can't say)

60 What advantage does it have over radio or television?

61 What is the attitude of your parents/family members towards this technology? □  (1 Positive, 2 Negative, 3 Neutral)

62 If you are given complete access to Internet for a whole day, what use will you make of it?

63 For what purpose can it be used best?
In what profession do you want yourself/your kids to be?  

What are you going to do for that?

Do you think that if there were a woman Soochak more women would use computer? (1 yes, 2 No)
Appendix III
Resolution adopted by the General Assembly

[on the report of the Second Committee (A/56/558/Add.3)]

56/183. World Summit on the Information Society

The General Assembly,

Recognizing the urgent need to harness the potential of knowledge and technology for promoting the goals of the United Nations Millennium Declaration¹ and to find effective and innovative ways to put this potential at the service of development for all,

Recognizing also the pivotal role of the United Nations system in promoting development, in particular with respect to access to and transfer of technology, especially information and communication technologies and services, inter alia, through partnerships with all relevant stakeholders,

Convinced of the need, at the highest political level, to marshal the global consensus and commitment required to promote the urgently needed access of all countries to information, knowledge and communication technologies for development so as to reap the full benefits of the information and communication technologies revolution, and to address the whole range of relevant issues related to the information society, through the development of a common vision and understanding of the information society and the adoption of a declaration and plan of action for implementation by Governments, international institutions and all sectors of civil society,

Recalling the contributions to international consensus in this field achieved by the Millennium Declaration and the agreements reached at other international conferences and summits in recent years,

Taking note of the action plan presented by the Secretary-General of the International Telecommunication Union to the Administrative Committee on Coordination² for the holding of the World Summit on the Information Society and the creation, by the Administrative Committee on Coordination, of a high-level Summit organizing committee, chaired by the Secretary-General of the International Telecommunication Union and consisting of the heads of United Nations bodies and

¹ See resolution 55/2.
² The Administrative Committee on Coordination was renamed the United Nations System Chief Executives Board for Coordination pursuant to Economic and Social Council decision 2001/321 of 24 October 2001.
other international organizations interested in participating in the process leading to
the Summit,

Considering that the Summit is to be convened under the patronage of the
Secretary-General of the United Nations, with the International Telecommunication
Union taking the lead role in its preparation, in cooperation with interested United
Nations bodies and other international organizations as well as the host countries,

Recalling the ministerial declaration concerning information and
communication technologies, adopted by the Economic and Social Council at the
high-level segment of its substantive session of 2000,3 and the subsequent work
done in this regard, including the creation of the Information and Communication
Technologies Task Force, as well as the welcoming of the forthcoming Summit by
the Council in its agreed conclusions 2001/1,4

Recognizing the need to harness synergies and to create cooperation among the
various information and communication technologies initiatives, at the regional and
global levels, currently being undertaken or planned to promote and foster the
potential of information and communication technologies for development by other
international organizations and civil society,

1. Welcomes the resolution adopted by the Council of the International
Telecommunication Union at its 2001 session, in which the Council endorsed the
proposal of the Secretary-General of the International Telecommunication Union to
hold the World Summit on the Information Society at the highest possible level in
two phases, the first in Geneva from 10 to 12 December 2003 and the second in
Tunis in 2005, pursuant to resolution 73 adopted by the Plenipotentiary Conference
of the International Telecommunication Union at its 1998 session, held in
Minneapolis, United States of America;

2. Recommends that the preparations for the Summit take place through an
open-ended intergovernmental preparatory committee, which would define the
agenda of the Summit, finalize both the draft declaration and the draft plan of
action, and decide on the modalities of the participation of other stakeholders in the
Summit;

3. Invites the International Telecommunication Union to assume the leading
managerial role in the executive secretariat of the Summit and its preparatory
process;

4. Invites Governments to participate actively in the preparatory process of
the Summit and to be represented in the Summit at the highest possible level;

5. Encourages effective contributions from and the active participation of
all relevant United Nations bodies, in particular the Information and Communication
Technologies Task Force, and encourages other intergovernmental organizations,
including international and regional institutions, non-governmental organizations,
civil society and the private sector to contribute to, and actively participate in, the
intergovernmental preparatory process of the Summit and the Summit itself;

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chap. III, para. 17.
4 A/56/3, chap. V, agreed conclusions 2001/1, para 7. For the final text see Official Records of the General
Assembly, Fifty-sixth session, Supplement No. 3.
6. *Invites* the international community to make voluntary contributions to the special trust fund established by the International Telecommunication Union to support the preparations for and the holding of the Summit, as well as to facilitate the effective participation of representatives of developing countries, in particular the least developed countries, in the regional meetings to be held in the second half of 2002, in the preparatory meetings to be held in the first half of 2002 and in 2003, and in the Summit itself;

7. *Invites* the Secretary-General of the United Nations to inform all heads of State and Government of the adoption of the present resolution;

8. *Invites* the Secretary-General of the International Telecommunication Union to submit to the General Assembly, at its fifty-seventh and fifty-eighth sessions, through the Economic and Social Council, for information, a report on the preparations for the Summit.

*90th plenary meeting*  
*21 December 2001*
Appendix IV
To provide for digital empowerment, and for other purposes.

IN THE SENATE OF THE UNITED STATES

MARCH 9, 2000

Ms. MILULSKI (for herself, Mr. KENNEDY, Mr. BINGAMAN, Mr. LEVIN, Mr. SARBANES, Mrs. MURRAY, Mrs. LINCOLN, Mrs. BOXER, Mr. JOHNSON, Mr. KERRY, Mr. DURBIN, Mr. HOLLINGS, Mr. REID, Mr. ROCKEFELLER, Mr. BREAUX, Mr. DODGAN, Mr. TORRICELLI, Mr. BAUCUS, Mr. DODD, Mr. CLELAND, and Mrs. FEINSTEIN) introduced the following bill; which was read twice and referred to the Committee on Finance

A BILL

To provide for digital empowerment, and for other purposes.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE; TABLE OF CONTENTS.

(a) SHORT TITLE.—This Act may be cited as the "Digital Empowerment Act".

(b) TABLE OF CONTENTS.—The table of contents of this Act is as follows:

Sec. 1. Short title; table of contents.
Sec. 2. Purposes.
Sec. 3. Findings.
Sec. 4. Definitions.

TITLE I—ONE-STOP SHOP FOR TECHNOLOGY EDUCATION
Sec. 101. One-stop shop for technology education.
Sec. 102. National repository of effective uses of educational technology.

**TITLE II—DIGITAL EDUCATION**

Sec. 201. National challenge grants for technology in education.
Sec. 202. Local uses of funds.
Sec. 203. Additional requirement for local applications.
Sec. 204. Teacher training.

**TITLE III—EXPANSION OF UNIVERSAL SERVICE ASSISTANCE**

Sec. 301. Additional uses of universal service assistance by educational providers.
Sec. 302. Eligibility for universal service assistance of head start agencies and organizations that receive Federal job training funds.

**TITLE IV—E-CORPS PROGRAMS**

Sec. 401. E-corps.

**TITLE V—COMMUNITY TECHNOLOGY CENTERS**

Sec. 501. Community technology centers.

**TITLE VI—NEIGHBORHOOD NETWORKS FOR PUBLIC HOUSING**

Sec. 601. Computer access for public housing residents.

**TITLE VII—INCENTIVES FOR TECHNOLOGY ASSISTANCE**

Sec. 701. Enhanced deduction for corporate donations of computer technology.

**TITLE VIII—DEMONSTRATION PROJECT IN K-12 EDUCATION TECHNOLOGY**

Sec. 801. Demonstration project.

**SEC. 2. PURPOSES.**

The purposes of this Act are the following:

1. To enable every child in America to cross the digital divide by ensuring that all children have access to technology and technology education.

2. To ensure that every child is computer literate by the time the child finishes 8th grade, regardless of the child's race, ethnicity, gender, income, geography, or disability.
SEC. 3. FINDINGS.

Congress makes the following findings:

(1) A digital divide exists in America. Low-income, urban, and rural families are less likely to have access to the Internet and computers. Black and Hispanic families are only 2/3 as likely to have Internet access as white families.

(2) The Digital divide for the poorest Americans has grown by 29% since 1997.

(3) Over 50 percent of schools lack the infrastructure needed to support new technology.

(4) While 51 percent of classrooms nationally are wired to the Internet, only 39 percent of classrooms with high levels of poverty are connected to the Internet.

(5) Predominantly white schools are almost twice as likely to be linked to the Internet than are schools that have predominately minority children.

(6) Approximately 4 out of 10 teachers have had no training in using the Internet.

(7) Hispanics and African-Americans rely less on home or work sites and more on schools and libraries for Internet access.

(8) Regardless of income level, Americans living in rural areas are lagging behind in Internet access. At the lowest income levels, those in urban areas are
more than twice as likely to have Internet access than those in rural areas.

(9) In the digital economy, access to technology is a fundamental civil right.

(10) To ensure that no child is left behind, all children must have access to computers, the Internet, and teachers trained in the use of computers and the Internet in their schools, libraries, and communities.

SEC. 4. DEFINITIONS.

The terms used in this Act have the meanings given the terms in section 14101 of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 8801).

TITLE I—ONE-STOP SHOP FOR TECHNOLOGY EDUCATION

SEC. 101. ONE-STOP SHOP FOR TECHNOLOGY EDUCATION.

Section 216 of the Department of Education Organization Act (as added by Public Law 103–227) (20 U.S.C. 3425) is amended—

(1) in subsection (a)—

(A) by striking “Director” each place the term appears and inserting “Assistant Secretary”; and

(B) by adding at the end the following: “The Office shall be a one-stop shop for all
technology education programs within the Department, provide schools and community groups with information with respect to technology education programs and sources of funds, and serve as a clearinghouse with respect to information on public and private efforts to bring technology to areas underserved by technology.”;

(2) in subsection (b), by striking “Director” each place the term appears and inserting “Assistant Secretary”;

(3) in subsection (c), by striking “Director” and inserting “Assistant Secretary”; and

(4) by redesignating such section (as so amended) as section 218 of such Act.

SEC. 102. NATIONAL REPOSITORY OF EFFECTIVE USES OF EDUCATIONAL TECHNOLOGY.

Section 3122(c) of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 6832(c)) is amended—

(1) in paragraph (15), by striking “and” at the end;

(2) by redesignating paragraph (16) as paragraph (17); and

(3) by inserting after paragraph (15) the following:
“(16) the development of a national repository of information on the effective uses of educational technology and the dissemination of that information nationwide; and”.

**TITLE II—DIGITAL EDUCATION**

**SEC. 201. NATIONAL CHALLENGE GRANTS FOR TECHNOLOGY IN EDUCATION.**

Section 3132 of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 6842) is amended—

(1) in subsection (a)(2), by adding at the end the following:

“(C) In awarding grants under subparagraph (A), each State educational agency shall give priority to local educational agencies that have—

“(i) the highest numbers or percentages of children in poverty; and

“(ii) a substantial need for assistance in acquiring and using technology.”; and

(2) by adding at the end the following:

“(c) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated to carry out this section $850,000,000 for fiscal year 2001 and such sums as may be necessary for each of the 4 succeeding fiscal years.”.
Section 3134 of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 6844) is amended—

(1) in paragraph (5), by striking "and" at the end;

(2) in paragraph (6), by striking the period and inserting a semicolon; and

(3) by adding at the end the following:

"(7) providing intensive training in the use of technology to school librarians and library media specialists; and

"(8) providing technical support and services to assist schools in maintaining their educational technology.".

Section 3135 of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 6845) is amended—

(1) in paragraph (3), by striking "and" at the end;

(2) in paragraph (4), by striking the period and inserting "; and"; and

(3) by adding at the end the following:

"(5) describe how the local educational agency will ensure that school libraries and media centers possess equipment and trained personnel that en-
ables them to provide access to information in formats made possible by new information and communication technologies.”.

SEC. 204. TEACHER TRAINING.

(a) TEACHER TECHNOLOGY PREPARATION ACADEMIES.—

(1) GRANTS AUTHORIZED.—The Secretary of Education is authorized to award grants under subsection (b) to State educational agencies to enable the State educational agencies to establish Teacher Technology Preparation Academies within the State that—

(A) provide teachers, librarians, and library media specialists with training to acquire or upgrade technology skills in order to use technology effectively in the classroom;

(B) have training plans developed by a local educational agency; and

(C) encourage teachers, librarians, and library media specialists trained at the academies to return to their schools and act as technology instructors for other teachers, librarians, and library media specialists.

(2) FORMULA.—The Secretary of Education shall award grants to State educational agencies
under subsection (a) in the same manner as the Secretary awards grants to State educational agencies under sections 3131 and 3132 of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 6841, 6842).

(3) Authorization of Appropriations.—
There are authorized to be appropriated to carry out this subsection $250,000,000 for fiscal year 2001 and such sums as may be necessary for each of the succeeding fiscal years.

(b) New Teacher Training.—

(1) Grants Authorized.—The Secretary of Education is authorized to award grants, on a competitive basis, to institutions of higher education to enable the institutions to train students entering the teaching workforce to use technology effectively in the classroom.

(2) Authorization of Appropriations.—
There are authorized to be appropriated to carry out this subsection $150,000,000 for fiscal year 2001 and such sums as may be necessary for each of the succeeding fiscal years.

(c) Libraries.—

(1) Grants Authorized.—The Secretary of Education is authorized to award grants to State...
educational agencies to enable the State educational agencies to provide school library technology and training for school librarians and library media specialists.

(2) Authorization of Appropriations.—There are authorized to be appropriated to carry out this subsection $250,000,000 for fiscal year 2001 and such sums as may be necessary for each of the 4 succeeding fiscal years.

TITLE III—EXPANSION OF UNIVERSAL SERVICE ASSISTANCE

SEC. 301. ADDITIONAL USES OF UNIVERSAL SERVICE ASSISTANCE BY EDUCATIONAL PROVIDERS.

(a) Structured After-School Activities.—Subparagraph (B) of section 254(h)(1) of the Communications Act of 1934 (47 U.S.C. 254(h)(1)) is amended by inserting “including structured after-school activities)” after “for educational purposes”.

(b) Maintenance and Repair of Technology.—Section 254(h)(1) of the Communications Act of 1934 (47 U.S.C. 254(h)(1)) is amended—

(1) by designating the third sentence of subparagraph (B) as subparagraph (E) and inserting at
the beginning of such subparagraph (E) the following:

“(E) OFFSET.—”; and

(2) in subparagraph (B)—

(A) by striking “(B) EDUCATIONAL PROVIDERS AND LIBRARIES.—All telecommunications carriers” and inserting the following:

“(B) EDUCATIONAL PROVIDERS AND LIBRARIES.—

“(i) IN GENERAL.—All telecommunications carriers”;

(B) by designating the second sentence as clause (ii) and inserting at the beginning of such clause the following:

“(ii) AMOUNT OF DISCOUNT.—”; and

(C) by adding after clause (ii), as designated by subparagraph (B), the following:

“(iii) MAINTENANCE AND REPAIR OF TECHNOLOGY.—An elementary school or secondary school that receives funds under this subparagraph in lieu (whether in whole or in part) of discounts under this subparagraph may use such funds for purposes of the maintenance and repair of technology necessary for the utilization of
services for which discounts are available under this subparagraph.”.

SEC. 302. ELIGIBILITY FOR UNIVERSAL SERVICE ASSISTANCE OF HEAD START AGENCIES AND ORGANIZATIONS THAT RECEIVE FEDERAL JOB TRAINING FUNDS.

(a) Eligibility of Head Start Agencies.—Section 254(h)(1) of the Communications Act of 1934 (47 U.S.C. 254(h)(1)), as amended by section 301 of this Act, is amended by inserting after subparagraph (B) the following:

“(C) Head Start Agencies.—A Head Start agency shall be provided services under this paragraph to the same extent, and subject to the same conditions and limitations, as elementary schools, secondary schools, and libraries are provided services under subparagraph (B).”.

(b) Eligibility of Organizations Receiving Federal Job Training Funds.—Section 254(h)(1) of the Communications Act of 1934 (47 U.S.C. 254(h)(1)) is amended by inserting after subparagraph (C), as inserted by subsection (a) of this section, the following:

“(D) Organizations Receiving Federal Job Training Funds.—An organization that
receives Federal funds to provide job training services shall be provided services under this paragraph the same extent, and subject to the same conditions and limitations, as elementary schools, secondary schools, and libraries are provided services under subparagraph (B).”.

(c) **Head Start Agency Defined.**—Section 254(h)(5) of the Communications Act of 1934 (47 U.S.C. 254(h)(1)) is amended by adding at the end the following:

“(D) **Head Start Agency.**—The term ‘Head Start agency’ means an agency designated under section 641 of the Head Start Act (42 U.S.C. 9836).”.

(d) **Conforming Amendments.**—Section 254 of the Communications Act of 1934 (47 U.S.C. 254) is amended—

(1) in subsection (b)(6)—

(A) in the paragraph heading by striking “AND LIBRARIES” and inserting “LIBRARIES, HEAD START AGENCIES, AND CERTAIN OTHER ORGANIZATIONS”; and

(B) by striking “and libraries” and inserting “libraries, Head Start agencies, and organizations that receive Federal job training funds”;
(2) in subsection (c)(3), by striking "and health care providers" and inserting "health care providers, Head Start agencies, and organizations that receive Federal job training funds"; and

(3) in subsection (h)(2)(A), by striking "and libraries" and inserting "libraries, Head Start agencies, and organizations that receive Federal job training funds".

TITLE IV—E-CORPS PROGRAMS

SEC. 401. E-CORPS.

(a) Programs.—Section 122(a) of the National and Community Service Act of 1990 (42 U.S.C. 12572(a)) is amended—

(1) by redesignating paragraph (15) as paragraph (16); and

(2) by inserting after paragraph (14) the following new paragraph:

"(15) An E-Corps program that involves participants who are proficient in technology and who provide service in a community by developing and assisting in carrying out technology programs in elementary schools, secondary schools, and community centers."
(b) Rules.—Section 122 of the National and Community Service Act of 1990 (42 U.S.C. 12572) is amended by adding at the end the following:

“(d) Implementation.—In carrying out this title, and in particular in establishing priorities as described in subsection (c), in distributing funding as described in section 129, and in applying the criteria, considerations, and rules of emphasis described in subsections (c) through (e) of section 133, the Corporation shall ensure that none of the funds described in section 501(a)(2)(B) is used for a purpose other than carrying out programs described in subsection (a)(15).”.

(c) Authorization of Appropriations.—Section 501(a)(2)(B) of the National and Community Service Act of 1990 (42 U.S.C. 12681(a)(2)(B)) is amended—

(1) by striking “fiscal year, up to 15” and inserting the following: “fiscal year—

“(i) up to 15”;

(2) by striking the period and inserting “; and”;

and

(3) by adding at the end the following:

“(ii) $25,000,000 shall be made available to carry out programs described in section 122(a)(15) and provide national service educational awards under subtitle
D of title I to participants in such programs.

TITLE V—COMMUNITY TECHNOLOGY CENTERS

SEC. 501. COMMUNITY TECHNOLOGY CENTERS.

Part A of title III of Elementary and Secondary Education Act of 1965 (20 U.S.C. 6811–6871) is amended by adding at the end the following:

"Subpart 5—Community Technology Centers

SEC. 3161. "PURPOSE; PROGRAM AUTHORITY.

“(a) PURPOSE.—The purpose of this subpart is to assist eligible applicants to—

“(1) create or expand community technology centers that will provide disadvantaged residents of economically distressed urban and rural communities with access to information technology and related training; and

“(2) provide technical assistance and support to community technology centers.

“(b) PROGRAM AUTHORITY.—

“(1) IN GENERAL.—The Secretary is authorized, through the Office of Educational Technology, to award grants, contracts, or cooperative agreements on a competitive basis to eligible applicants in order to assist them in—
“(A) creating or expanding community technology centers; or

“(B) providing technical assistance and support to community technology centers.

“(2) PERIOD OF AWARD.—The Secretary may award grants, contracts, or cooperative agreements under this subpart for a period of not more than 3 years.

“SEC. 3162. ELIGIBILITY AND APPLICATION REQUIREMENTS.

“(a) ELIGIBLE APPLICANTS.—In order to be eligible to receive an award under this subpart, an applicant shall—

“(1) have the capacity to expand significantly access to computers and related services for disadvantaged residents of economically distressed urban and rural communities (who would otherwise be denied such access); and

“(2) be—

“(A) an entity such as a foundation, museum, library, for-profit business, public or private nonprofit organization, or community-based organization;

“(B) an institution of higher education;

“(C) a State educational agency;
“(D) a local education agency; or

“(E) a consortium of entities described in subparagraph (A), (B), (C), or (D).

“(b) APPLICATION REQUIREMENTS.—In order to receive an award under this subpart, an eligible applicant shall submit an application to the Secretary at such time, and containing such information, as the Secretary may require. Such application shall include—

“(1) a description of the proposed project, including a description of the magnitude of the need for the services and how the project would expand access to information technology and related services to disadvantaged residents of an economically distressed urban or rural community;

“(2) a demonstration of—

“(A) the commitment, including the financial commitment, of entities such as institutions, organizations, businesses, and other groups in the community that will provide support for the creation, expansion, and continuation of the proposed project; and

“(B) the extent to which the proposed project establishes linkages with other appropriate agencies, efforts, and organizations providing services to disadvantaged residents of an
economically distressed urban or rural community;

"(3) a description of how the proposed project would be sustained once the Federal funds awarded under this subpart are expended; and

"(4) a plan for the evaluation of the program, which shall include benchmarks to monitor progress toward specific project objectives.

"(c) Matching Requirements.—The Federal share of the cost of any project funded under this subpart shall not exceed 50 percent. The non-Federal share of such project may be in cash or in kind, fairly evaluated, including services.

"SEC. 3163. USES OF FUNDS.

"(a) Required Uses.—A recipient shall use funds awarded under this subpart for—

"(1) creating or expanding community technology centers that expand access to information technology and related training for disadvantaged residents of distressed urban or rural communities; and

"(2) evaluating the effectiveness of the project.

"(b) Permissible Uses.—A recipient may use funds awarded under this subpart for activities described in its
application that carry out the purposes of this subpart, such as—

“(1) supporting a center coordinator, and staff, to supervise instruction and build community partnerships;

“(2) acquiring equipment, networking capabilities, and infrastructure to carry out the project;

“(3) developing and providing services and activities for community residents that provide access to computers, information technology, and the use of such technology in support of preschool preparation, academic achievement, lifelong learning, and workforce development, such as—

“(A) after-school activities in which children and youths use software that provides academic enrichment and assistance with homework, develops their technical skills, and allows them to explore the Internet and participate in multimedia activities, including webpage design and creation;

“(B) adult education and family literacy activities through technology and the Internet, including—
“(i) General Education Development, English as a Second Language, and adult basic education classes or programs;

“(ii) introduction to computers;

“(iii) intergenerational activities; and

“(iv) lifelong learning opportunities;

“(C) career development and job preparation activities, such as—

“(i) training in basic and advanced computer skills;

“(ii) resume writing workshops; and

“(iii) access to databases of employment opportunities, career information, and other online materials.

“(D) small business activities, such as—

“(i) computer-based training for basic entrepreneurial skills and electronic commerce; and

“(ii) access to information on business startup programs that is available online, or from other sources;

“(E) activities that provide home access to computers and technology, such as assistance and services to promote the acquisition, installation, and use of information technology in the
home through low-cost solutions such as
networked computers, web-based television de-

vices, and other technology.

"SEC. 3164. AUTHORIZATION OF APPROPRIATIONS.

"There is authorized to be appropriated to carry out
this subpart, $100,000,000 for fiscal year 2001 and such
sums as may be necessary for each of the 4 succeeding
fiscal years.".

TITLE VI—NEIGHBORHOOD NET-
WORKS FOR PUBLIC HOUSING

SEC. 601. COMPUTER ACCESS FOR PUBLIC HOUSING RESI-
DENTS.

(a) USE OF PUBLIC HOUSING CAPITAL AND OPER-
ATING FUNDS.—Section 9 of the United States Housing
Act of 1937 (42 U.S.C. 1437g) is amended—

(1) in subsection (d)(1)(E), by inserting before
the semicolon the following: "including the estab-
ishment and initial operation of computer centers in
and around public housing through a Neighborhood
Networks initiative, for the purpose of enhancing the
self-sufficiency, employability, and economic self-reli-
ance of public housing residents by providing them
with onsite computer access and training resources";

(2) in subsection (e)(1)—
(A) in subparagraph (I), by striking the “and” at the end;
(B) in subparagraph (J), by striking the period and inserting”; and”; and
(C) by adding after subparagraph (J) the following:
“(K) the costs of operating computer centers in public housing through a Neighborhood Networks initiative described in subsection (d)(1)(E), and of activities related to that initiative.”; and
(3) in subsection (h)—
(A) in paragraph (6), by striking the “and” at the end;
(B) in paragraph (7), by striking the period and inserting “; and”; and
(C) by inserting after paragraph (7) the following:
“(8) assistance in connection with the establishment and operation of computer centers in public housing through a Neighborhood Networks initiative described in subsection (d)(1)(E).”.
(b) DEMOLITION, SITE REVITALIZATION, REPLACEMENT HOUSING, AND TENANT-BASED ASSISTANCE
GRANTS FOR PROJECTS.—Section 24 of the United States Housing Act of 1937 (42 U.S.C. 1437v) is amended—

(1) in subsection (d)(1)(G), by inserting before the semicolon the following: "including a Neighborhood Networks initiative for the establishment and operation of computer centers in public housing for the purpose of enhancing the self-sufficiency, employability, and economic self-reliance of public housing residents by providing them with onsite computer access and training resources"; and

(2) in subsection (m)(2), in the first sentence, by inserting before the period the following: "including assistance in connection with the establishment and operation of computer centers in public housing through the Neighborhoods Networks initiative described in subsection (d)(1)(G)".

TITLE VII—INCENTIVES FOR TECHNOLOGY ASSISTANCE

SEC. 701. ENHANCED DEDUCTION FOR CORPORATE DONATIONS OF COMPUTER TECHNOLOGY.

(a) Expansion of Computer Technology Donations to Head Start Centers, Structured After School Programs, and Certain Public Libraries and Community Centers.—
(1) IN GENERAL.—Paragraph (6) of section 170(e) of the Internal Revenue Code of 1986 (relating to special rule for contributions of computer technology and equipment for elementary or secondary school purposes) is amended by striking “qualified elementary or secondary educational contribution” each place it occurs in the headings and text and inserting “qualified computer contribution”.

(2) EXPANSION OF ELIGIBLE DONEES.—Subclause (II) of section 170(e)(6)(B)(i) of such Code (relating to qualified elementary or secondary educational contribution) is amended by striking “or” at the end of subclause (I) and by inserting after subclause (II) the following new subclauses:

“(III) a Head Start agency designated under section 641 of the Head Start Act (42 U.S.C. 9836),

“(IV) a structured after-school program,

“(V) a public library (within the meaning of section 213(2)(A) of the Library Services and Technology Act (20 U.S.C. 9122(2)(A)), as in effect on the date of the enactment of the New Millennium Classrooms Act, es-
established and maintained by an entity
described in subsection (c)(1) and lo-
cated in an empowerment zone or en-
terprise community designated under
part I of subchapter U or a popu-
lation census tract within which the
poverty rate is not less than 20 per-
cent (as determined under part I of
subchapter U), or
“(VI) a community center located
in such a zone, community, or census
tract,.”

(b) Donations of Computer Training and Main-
tenance Allowed.—Subparagraph (B) of section
170(e)(6) of the Internal Revenue Code of 1986 is amend-
ed by inserting “(including training or maintenance serv-
ices with respect to such technology or equipment)” after
“computer technology or equipment”.

(c) Conforming Amendments.—
(1) Section 170(e)(6)((B)(iv) of the Internal
Revenue Code of 1986 is amended by striking “in
any grades K–12”.
(2) The heading of paragraph (6) of section
170(e) of such Code is amended by striking “Ele-
MENTARY OR SECONDARY SCHOOL PURPOSES” and inserting “EDUCATIONAL PURPOSES”.

(d) EXTENSION OF DEDUCTION.—Section 170(e)(6)(F) of the Internal Revenue Code of 1986 (relating to termination) is amended by striking “during any taxable year beginning after December 31, 2000” and inserting “after June 30, 2004”.

(e) EFFECTIVE DATE.—The amendments made by this section shall apply to contributions made after December 31, 2000.

TITLE VIII—DEMONSTRATION PROJECT IN K–12 EDUCATION TECHNOLOGY

SEC. 801. DEMONSTRATION PROJECT.

(a) REQUIREMENT TO UNDERTAKE PROJECT.—

(1) IN GENERAL.—The Secretary of Education (referred to in this section as the “Secretary”) shall conduct a demonstration project that—

(A) delivers a highly flexible educational system designed for kindergarten through grade 12, or a component thereof, that includes hardware, software, training and ongoing support and professional development;

(B) implements an Internet-based, one-to-one pilot project that specifically targets the
educational needs of students in grade 3 through grade 12 who reside in low-income school districts; and

(C) is conducted by an organization with proven expertise in the research and development of education technology designed for kindergarten through grade 12.

(2) REQUIREMENTS.—The demonstration project shall provide for the following:

(A) A rugged notebook computer for every student participating in the project.

(B) An infrared wireless connection to the school's local area network.

(C) A low-cost, high-speed Internet connection.

(D) Customized, professional development for technical and instructional staff.

(E) An academic information system that provides alignment between curricula, state standards, assessment, and teacher resources.

(F) A parental training component.

(3) USE OF EXISTING PROGRAMS.—The Secretary may contract with a private company or organization to carry out a demonstration under this section.
(4) COORDINATION WITH LOCAL EDUCATIONAL AGENCIES.—Where practicable, the Secretary shall coordinate project implementation and oversight with a local educational agency and a private company, if such a company is used in the project.

(5) PREFERENCE FOR LOCATION.—To maximize results, but only to the extent practicable, the demonstration project should be conducted in a location where a similar program is already at least partially underway.

(6) REPORT.—

(A) IN GENERAL.—Not later than 2 years after the date of the enactment of this Act, the Secretary shall submit a report to the Committee on Education and the Workforce of the House of Representatives that describes the results of the pilot project, the feasibility and costs of implementing the pilot project in the entire public school system, and recommendations for the further deployment of similar educational technology.

(B) REQUIREMENTS.—The report shall include a description of—

(i) any agreement entered into by the Secretary with other Federal agencies,
local educational agencies, or private organizations to complete the project;

(ii) the number and location of similar programs;

(iii) data on student improvement in meeting state standards and assessment exams; and

(iv) the number, if any, of lost or stolen laptops during the pilot project, and causes thereof, as reported by the local educational agency.

(b) Authorization of Appropriations.—There are authorized to be appropriated to the Secretary not more than $20,000,000 for fiscal year 2001 to carry out the demonstration project required under this section.
Appendix V
GYANDOOT SOOCHNALAYA: THE INFORMATION KIOSK OF NAGDA VILLAGE

GYANDOOT SOOCHNALAYA WITH PANCHAYAT GHAR TO ITS LEFT
PICTURE 3

RESEARCHER WITH SOME KIDS IN FRONT OF PANCHAYAT GHAR, SOOCHANALAYA

IN THE BACK

PICTURE 4

DHABA IN FRONT OF PANCHAYAT GHAR AND SOOCHANALAYA: UNTOUCHABLES

ALLOWED ONLY IF COMING WITH THEIR OWN GLASSES
ONLY HOUSE OF A BHANGI FAMILY IN THE MIDDLE OF VILLAGE (PANCHAYAT GHAR IS ONLY TWO BUILDINGS AWAY ON THE LEFT)

A TEMPLE IN THE MIDDLE OF THE VILLAGE.

HORDE OF UTENSILS QUEUED FOR WATER, WILL WAIT TILL EVENING.
Noon Time for Village Men at Dhaba Near Azad Chowk

Noon Time for Village Kids Near Panchayat
PICTURE 9

CHAMAR BASTI: HOUSING THE UNTOUCHABLES

PICTURE 10

A USUAL LOOK OF A HOUSE IN CHAMAR BASTI
PICTURE 11

Bairagis in Chamar Basti: Highest Among the Untouchables

PICTURE 12

A Stretch Leading to Bhopawalli