

**GOVERNMENT OF MADHYA PRADESH**  
**TECHNICAL EDUCATION & TRAINING DEPARTMENT**

***ANNUAL PLAN (2009-2010) OF TECHNICAL EDUCATION***

**1. SCHEMES OF ELEVENTH YEAR PLAN 2007-2012 & ANNUAL PLAN 2009-10**

**Introduction :** As per the policy of State Govt. 16% and 20% seats in Technical Institutes has been reserved for SC & ST candidates of the state respectively. Further out of this, 30% of seats are reserved for women candidates. This reservation policy has been taken care of during making provisions under various schemes of the plan.

The schemes/Programmes to be taken up in the Eleventh five Year Plan have been placed in two categories:-

- (a) Continuing Schemes of the Tenth Plan.
- (b) New Schemes

**1.2 Continuing Schemes of the Tenth Plan:**

**1.2.1 Courses in Emerging Technologies in Engineering Colleges & Polytechnics :-**

**1.2.1.1 Justification**

Due to advancements in technology many new areas have emerged which requires trained manpower. A few of such areas have been identified and courses in emerging technology were started during Tenth Plan in 2005-06 and 2006-07. These courses need to continue in Eleventh Plan. Further more courses in emerging technologies need to be started in eleventh plan.

**1.2.1.2 Objectives**

- i. To strengthen the courses started in four engineering Colleges and Nineteen Polytechnics during tenth plan.
- ii. To start new courses in emerging technology in nineteen other Polytechnics as well.

**1.2.1.2 Coverage**

This scheme covers four autonomous engineering College and 38 polytechnics.

**1.2.1.3 Financial outlay**

The financial outlay needed for the scheme may be seen in the table given below.

(Rs. in Lacs)

| S.N0. | Head of Account  | Proposed Provision for |               |
|-------|------------------|------------------------|---------------|
|       |                  | 2007-12                | 2009-10       |
| 01    | General Grant 47 | 360.08                 | 113.00        |
| 02    | General Grant 41 | 112.54                 | 50.00         |
| 03    | General Grant 64 | 90.02                  | 37.00         |
|       | <b>Total</b>     | <b>562.64</b>          | <b>200.00</b> |

#### 1.2.1.4 Expected Outcome:

The scheme ensures better quality of infra-structural and instructional facility as per AICTE and RGPV Norms.

### 1.2.2 Polytechnics under TSP Grant No. 41-0102 Tribal Sub Plan

#### 1.2.2.1 Justification

As per 2001 census, the percentage of persons belonging to the ST category with reference to the total population in the state stands at 20.3 percent. However there are districts where majority of the inhabitants are from this categories. The State Government provides reservation of 20% for students of ST category in all the state controlled Colleges of Engineering and Polytechnics. During their stay in the Technical Colleges, students belonging to this categories get various benefits as announced by State Govt from time to time.

However, over the years it has been observed that these students in spite of the best efforts of the state government and the concerned institutions, are not able to perform well in comparison to the general category students. This may be due to the reason that they are not able to cope with the academic strain and rigor that the technical programmes normally demands. These students lack the good school background and come from poor socio-economic environment. The class mix also creates problems in the learning environment because of wide gap in the academic level of students belonging to general category and reserved category. Considering all these facts it is proposed to implement other exclusive schemes for ST students of the state.

#### 1.2.2.2 Objectives

- i. a. To strengthen the polytechnics for students belonging to ST category.  
b. To enhance their learning abilities and to remove any deficiencies that may exist.  
c. To offer Diploma/Advanced Diploma programmes in the emerging branches of Engineering and Technology.  
d. To provide state of the art class rooms with audio-visual aids and closed circuit TV, fully residential status.
- ii. To encourage pass-out as well as students of technical courses to undergo employment oriented technical training.
- iii. To provide infra-structure and other facility at Polytechnic at tribal population concentration area.
- iv. To provide Book bank facility, free stationery and drawing material and Special Coaching facility for ST category students of 44 Polytechnic and 7 Engineering College.

### 1.2.2.3 Coverage

The scheme covers Schedule Tribe persons of the entire state.

### 1.2.2.4 Infrastructure and financial outlay

The infrastructure and financial outlay needed for the scheme may be seen in the table given below:-

| S. No.       | Scheme of Expenditure  | Financial Outlay for<br>(Rs. in Lacs) |               |
|--------------|--|---------------------------------------|---------------|
|              |  | 2007-12                               | 2009-10       |
| 1            | Building/Infrastructure  | 1876.00                               | 60.00         |
| 2            | Salaries & Wages   | 800.00                                | 325.00        |
| 3            | Free Stationary, Books, Lodging, Boarding & Incentive for Teachers | 1410.00                               | 300.00        |
| 4            | Equipment/Furniture  | 530.00                                | 50.00         |
| 5            | Special Coaching, Drawing Material, Book Bank & Training,          | 4591.00                               | 150.00        |
| 06           | Advanced Technical Training  | 250.00                                | 50.00         |
| <b>Total</b> |  | <b>9457.00</b>                        | <b>935.00</b> |

(Rs. in Lacs)

| S.NO.        | Head of Account  | Proposed Provision for |               |
|--------------|------------------|------------------------|---------------|
|              |                  | 2007-12                | 2009-10       |
| 01           | General Grant 41 | 9457.00                | 935.00        |
| <b>Total</b> |                  | <b>9457.00</b>         | <b>935.00</b> |

### 1.2.2.5 Expected Outcome:

In the end of a term student should be able to perform well in comparison to general category students thus contribute to the industry, social and economic development. Students will be competent enough to get a wide acceptability in the world of work.

## 1.2.2 Various Scheme for SC students under Grant No. 64-0103 Special Component Plan (Coaching & Stationary)

### 1.2.3.1 Justification

As per 2001 census, the percentage of persons belonging to the SC category with reference to the total population in the state stands at 15.2% . However there are districts where majority of the inhabitants are from this categories. The State Government provides reservation of 16% for students of SC category. in all the State controlled Colleges of Engineering and Polytechnics. During there stay in the Technical Colleges, students belonging to this categories gets various benefits as announced by State Govt from time to time.

However, over the years it has been observed that these students in spite of the best efforts of the state government and the concerned institutions, are not able to perform well in comparison to the general category students. This may be due to the reason that they are not able to cope with the academic strain and rigor that the technical programmes normally demands. These students lack the good school background and come from poor socio-

economic environment. The class mix also creates problems in the learning environment because of wide gap in the academic level of students belonging to general category and reserved category. Considering all these facts it is proposed to implement other exclusive schemes for SC students of the state.

### 1.2.3.2 Objectives

- i. a. To establish an exclusive polytechnics for students belonging to ST category.
- b. To enhance their learning abilities and to remove any deficiencies that may exist.
- c. To offer Diploma/Advanced Diploma programmes in the latest branches of Engineering and Technology.
- d. To provide state of the art class rooms with audio-visual aids and closed circuit TV, fully residential status.
- ii. To encourage pass-out as well as students of technical courses to undergo employment oriented technical training.
- iii. To provide Book bank facility, free stationery and drawing material and special coaching facility for SC category students of 44 Polytechnic and 7 Engineering College.
- iv. To expend opportunity for employment to young men and women of SC Category.

### 1.2.3.3 Coverage

The scheme covers Schedule Caste persons of the entire state.

### 1.2.3.4 Infra-Structure and financial outlay

The infrastructure and financial outlay needed for the scheme may be seen in the table given below:-

| S. No.       | Scheme of Expenditure  | Financial Outlay for<br>(Rs. in Lac) |               |
|--------------|--|--------------------------------------|---------------|
|              |  | 2007-12                              | 2009-10       |
| 1            | Building/Infrastructure  | 2039.00                              | 150.00        |
| 2            | Salaries & Wages   | 800.00                               | 5.00          |
| 3            | Free Stationary, Books, Lodging, Boarding & Incentive for Teachers | 1410.00                              | 315.00        |
| 4            | Equipment/Furniture  | 530.00                               | 130.00        |
| 5            | Special Coaching, Drawing Material, Book Bank & Training,          | 3990.00                              | 300.00        |
| 06           | Advanced Technical Training  | 250.00                               | 50.00         |
| <b>Total</b> |  | <b>9019.00</b>                       | <b>950.00</b> |

(Rs. in Lacs)

| S.N0. | Head of Account  | Proposed Provision for |               |
|-------|------------------|------------------------|---------------|
|       |                  | 2007-12                | 2009-10       |
| 01    | General Grant 64 | 9019.00                | 950.00        |
|       | <b>Total</b>     | <b>9019.00</b>         | <b>950.00</b> |

#### 1.2.3.5 Expected Outcome:

In the end of a term student should be able to perform well in comparison to general category students thus contribute to the industry, social and economic development. Students will be competent enough to get a wide acceptability in the world of work.

#### 1.2.4 Adding Women Hostels in Engineering Colleges & Polytechnics (Under State Policy for women) (Part of 64-103 SCP Construction of Hostel)

##### 1.2.4.1 Justification

As a follow up of the State Policy for Women which required reservation of 30% of the sanctioned seats in engineering colleges and polytechnics.

It has been has obsessed that availability of

Reservation implementation of this programme of the policy is likely to result into admission of more girls in the engineering colleges and polytechnics. It would, therefore, be necessary to (i) construct in each of the existing co-ed institutions at least one additional hostel for 100 girls.

##### 1.2.4.2 Objectives

To construct additional hostels for girls to facilitate their residence.

##### 1.2.4.3 Coverage

It is proposed to construct girls hostel in various Engineering & Polytechnic of the state.

##### 1.2.4.4 Infrastructure and financial outlay

The infrastructure and financial outlay needed for the scheme may be seen in the table given below:-

| S. No. | Scheme of Expenditure | Financial Outlay for (Rs. in Lacs) |               |
|--------|-----------------------|------------------------------------|---------------|
|        |                       | 2007-12                            | 2009-10       |
| 1      | Buildings             | 400.00                             | 130.00        |
|        | <b>Total</b>          | <b>400.00</b>                      | <b>130.00</b> |

(Rs. in Lacs)

| S.N0. | Head of Account  | Proposed Provision for |               |
|-------|------------------|------------------------|---------------|
|       |                  | 2007-12                | 2009-10       |
| 01    | General Grant 64 | 400.00                 | 130.00        |
|       | <b>Total</b>     | <b>400.00</b>          | <b>130.00</b> |

#### 1.2.4.5 Expected Outcome:

There shall be 100 seated girls hostels in proposed engineering college and polytechnics.

### 1.2.5 Faculty & Staff Development

#### 1.2.5.1 Justification

The State Government had declared State Policy on Training at about the start of the tenth five year plan. Training of all categories of staff is very essential particularly to bring about (i) attitudinal change; (ii) change of outlook towards work; (iii) minimum knowledge of rules and regulations; and (iv) most important of all, increased computer literacy amongst teaching faculty, non- teaching technical staff and non- technical laboratory staff. Training increases an individual's capability and the system where one works stands benefited.

#### 1.2.5.2 Objectives

It is proposed to make the faculty more responsive, more capable and more useful for the system.

The scheme covers the faculty and other staff of all the engineering colleges, polytechnics and Head Quarter staff of the state.

#### 1.2.5.3 Coverage

The scheme will cover all engineering colleges and polytechnics of the state.

#### 1.2.5.4 Infra-Structure and financial outlay

The infrastructure and financial outlay needed for the scheme may be seen in the table given below:-

| S. No.       | Scheme of Expenditure | Financial Outlay for Rs. in Lacs |              |
|--------------|-----------------------|----------------------------------|--------------|
|              |                       | 2007-12                          | 2009-10      |
| 1            | Training              | 150.00                           | 55.00        |
| <b>Total</b> |                       | <b>150.00</b>                    | <b>55.00</b> |

(Rs. in Lacs)

| S.N0.        | Head of Account  | Proposed Provision for |              |
|--------------|------------------|------------------------|--------------|
|              |                  | 2007-12                | 2009-10      |
| 01           | General Grant 47 | 150.00                 | 55.00        |
| <b>Total</b> |                  | <b>150.00</b>          | <b>55.00</b> |

#### 1.2.5.5 Expected Outcome:

Faculty and other staff will be trained. They would become more knowledgeable, more responsive, more competent and more capable.

## 1.2.6 Strengthening Libraries, Information Centres & Establishing e-learning Centres & Digital Library Services and Establishment of Foreign Language Laboratory.

### 1.2.6.1 Justification

Library in any educational institution is an important facility which helps the teachers and learners both in adding more & more to their knowledge. There is an explosion of knowledge the world over. Newer areas of knowledge have opened up. It is necessary to make an access to this invaluable treasure through the modern means. It is necessary to digitalize the library of one Engineering College and connect libraries of all other engineering colleges and polytechnics with this Library for the students to have its benefit.

It is observed that the lacs of communication skill and proficiency in the English language in the pass outs from polytechnics and engineering colleges mars the technical/professional capabilities of a student and find it hard to get employment in multination companies /organization. Therefore, to improve the basic personality and to make a person compatible at national level it is utterly important to improve the communication skill of students. To address this particular aspects of professional education, communication labs to be established statewide at polytechnics and engineering colleges.

### 1.2.6.2 Objectives

- i. To establish digital library with a view to bring in most modern knowledge to the faculty & the students.
- ii. To establish language lab in engineering and polytechnic college.

### 1.2.6.3 Coverage

It is proposed to establish digital library in to one engineering colleges with connectivity to all other engineering college and polytechnics.

It is also proposed to establish language lab in one engineering college and 38 polytechnic colleges.

### 1.2.6.4 Infra-Structure and financial outlay

The infrastructure and financial outlay needed for the scheme may be seen in the table given below:-

| S. No.       | Scheme of Expenditure                     | Financial Outlay for<br>Rs. in Lacs |               |
|--------------|---|-------------------------------------|---------------|
|              |   | 2007-12                             | 2009-10       |
| 1            | Equipments, Software, Furniture & e-books | 2057.36                             | 210.00        |
| <b>Total</b> |   | <b>2057.36</b>                      | <b>210.00</b> |

(Rs. in Lacs)

| S.No.        | Head of Account  | Proposed Provision for |               |
|--------------|------------------|------------------------|---------------|
|              |                  | 2007-12                | 2009-10       |
| 01           | General Grant 47 | 1316.71                | 150.00        |
| 02           | General Grant 41 | 411.47                 | 10.00         |
| 03           | General Grant 64 | 329.17                 | 50.00         |
| <b>Total</b> |                  | <b>2057.36</b>         | <b>210.00</b> |

### 1.2.6.5 Expected Outcome:

i. The scheme would ensure better quality of faculty and students, qualitatively, a better academic environment in the concerned institutions.

ii. The scheme would ensure the availability of a large number of well trained and more capable manpower suitable for the global market.

## 1.2.7 Supporting EMIS in the Directorate, Engineering Colleges & Polytechnics

### 1.2.7.1 Justification

Net-working between institutions of different levels is one programme which brings about quality in various areas. Faculty and the students will be exposed to better environment. Considering the scarcity of The technical teachers specifically in remote areas it is also proposed to introduce education through satellite by establishing Edusat facilities in institutions.

### 1.2.7.2 Objectives

It is proposed to develop networking of :

- (i) Engineering colleges with Institutes of Higher learning;
- (ii) Polytechnics with Engineering Colleges of the State and
- (iii) All institutions of the State with the Directorate of Technical Education to ensure better academic, administrative and resources management among institutions and controlling authorities.
- (iv) To establish Edusat facilities in institutions.

### 1.2.7.3 Coverage

The scheme is expected to cover all the engineering colleges, polytechnics and Industrial Training Institutes of the State.

### 1.2.7.4 Infra-Structure and financial outlay

The infrastructure and financial outlay needed for the scheme may be seen in the table given below:-

(Rs. in Lacs)

| S. No.       | Scheme of Expenditure                      | Financial Outlay for |              |
|--------------|--|----------------------|--------------|
|              |  | 2007-12              | 2009-10      |
| 1            | Equipments, Software, Furniture & Training | 150.00               | 30.00        |
| <b>Total</b> |  | <b>150.00</b>        | <b>30.00</b> |

(Rs. in Lacs)

| S.N0.        | Head of Account  | Proposed Provision for |              |
|--------------|------------------|------------------------|--------------|
|              |                  | 2007-12                | 2009-10      |
| 01           | General Grant 47 | 96.00                  | 30.00        |
| 02           | General Grant 41 | 30.00                  |              |
| 03           | General Grant 64 | 24.00                  |              |
| <b>Total</b> |                  | <b>150.00</b>          | <b>30.00</b> |

#### 1.2.7.4 Expected Outcome:

The scheme ensures better academic, administrative and resources management among institutions and controlling authorities.

### 1.2.8 World Bank Assisted technical Education Quality Improvement Programme. (EAP)

#### 1.2.8.1 Justification

The Government of India has commenced TEQIP in the various Engineering Colleges in Tenth plan. The duration of the scheme was upto March 2008. Two lead Engineering colleges, viz – Jabalpur & SGSITS Indore and two Network engineering colleges, viz – Ujjain and Rewa are part of the programme. Two polytechnics, viz Kalaniketan Jabalpur & S.V. Polytechnic College Bhopal were covered under this programme.

#### 1.2.8.2 Objectives

- (i) To help institutes to achieve academic excellence through Autonomy and Accountability.
- (ii) To enhance quality of institutions through sharing of resources and technical capability of certain (Lead institute) institute.
- (iii) To benefit communities and industries with technical knowhow/skills and to help them for their economic upliftment.
- (iv) To develop Institutional management capabilities.

#### 1.2.8.2 Coverage

It is envisaged that the TEQIP-II shall cover 04-06 state engineering institutional subject to the eligibility.

#### 1.2.8.3 Infra-Structure and financial outlay

The infrastructure and financial outlay needed for the scheme may be seen in the table given below:-

| S. No.       | Scheme of Expenditure | Financial Outlay for Rs. in Lacs |              |
|--------------|-----------------------|----------------------------------|--------------|
|              |                       | 2007-12                          | 2009-10      |
| 1            | TEQIP                 | 2437.00                          | 26.00        |
| <b>Total</b> |                       | <b>2437.00</b>                   | <b>26.00</b> |

(Rs. in Lacs)

| S.N0.        | Head of Account  | Proposed Provision for |              |
|--------------|------------------|------------------------|--------------|
|              |                  | 2007-12                | 2009-10      |
| 01           | General Grant 70 | 2437.00                | 26.00        |
| <b>Total</b> |                  | <b>2437.00</b>         | <b>26.00</b> |

#### 1.2.8.4 Expected Outcome:

- (v) Institutes will achieve academic excellence through Autonomy and Accountability.
- (vi) Institutions will get benefited through sharing of resources and technical capability of certain (Lead institute) institute.
- (vii) Community and industries will be benefited with technical knowhow /skills results into economic upliftment.
- (viii) Institutional management capabilities will enhance.

### 1.3 NEW SCHEME: -

#### 1.3.1 Assistance to autonomous institutions for externally & centrally sponsored schemes. (IITM, RGPV, CRISP, NIFT, IIT, Auto Insti.)

##### 1.3.1.1 Justification

During ninth plan very important national institute i.e. IITM, Gwalior came in to existence state Govt. committed to contribute 20 percent of cost of establishment of IITM, Gwalior.

During ninth plan Administrative; Financial & Managerial autonomy has been given to institutes in Govt. Sector. Institutes have been authorised to keep the entire income including fees from students in the autonomy head and to spend it freely on developmental works. On account of the above-mentioned provisions, development work in the institutions can make progress more speedily in conformity with the local conditions.

##### 1.3.1.2 Objectives

- i. To Fulfill the Commitment of State Govt. it is proposed to make provision for IITM, Gwalior , CRISP Bhopal, NIFT, Bhopal & IIT at Indore.
- ii. To Fulfill recurring expenditure of Govt. sector Institute.

##### 1.3.1.3 Coverage

It is envisaged that the

##### 1.3.1.4 Infra-Structure and financial outlay

| S. No.   | Scheme of Expenditure                         | Financial Outlay for Rs. in Lacs |                |
|----------|---|----------------------------------|----------------|
|          |   | 2007-12                          | 2009-10        |
| 1        | Grant to IITM, CRISP, NIFT, IIT and Autonomus | 2586.00                          | 1000.00        |
| Total :- |   | <b>2586.00</b>                   | <b>1000.00</b> |

(Rs. in Lacs)

| S.N0.    | Head of Account  | Proposed Provision for |                |
|----------|------------------|------------------------|----------------|
|          |                  | 2007-12                | 2009-10        |
| 01       | General Grant 47 | 1655.00                | 885.00         |
| 02       | General Grant 41 | 517.20                 | 55.00          |
| 03       | General Grant 64 | 413.80                 | 60.00          |
| Total :- |                  | <b>2586.00</b>         | <b>1000.00</b> |

### 1.3.1.5 Expected Outcome:

- i. Commitment of the state Govt. to setup a world class institute will be met.
- ii. The Govt. sector institute will have faculties as per AICTE norms.

## 1.3.1 Resource-Sharing among Institutions

### 1.3.2.1 Justification

In today's fast developing technological world it has become exceedingly difficult for each technical institute to maintain latest equipment and updated learning resource. Sharing among institutes in form of intellectual and physical resources is the need of the time.

### 1.3.2.2 Objectives

To execute MOU with higher institute of learning to exchange teachers and students for sharing resources.

### 1.3.2.3 Coverage

The MOU with higher institute shall be done at national level. The scheme will benefit the students of polytechnics and engineering colleges.

### 1.3.2.4 Infra-Structure and financial outlay

The infrastructure and financial outlay needed for the scheme may be seen in the table given below:-

| S. No.       | Scheme of Expenditure                          | Financial Outlay for Rs. in Lacs |              |
|--------------|--|----------------------------------|--------------|
|              |  | 2007-12                          | 2009-10      |
| 1            | Payments for Professional Services & T.A./D.A. | 100.00                           | 10.00        |
| <b>Total</b> |  | <b>100.00</b>                    | <b>10.00</b> |

(Rs. in Lacs)

| S.N0.        | Head of Account  | Proposed Provision for |              |
|--------------|------------------|------------------------|--------------|
|              |                  | 2007-12                | 2009-10      |
| 01           | General Grant 47 | 100.00                 | 10.00        |
| <b>Total</b> |                  | <b>100.00</b>          | <b>10.00</b> |

### 1.3.2.5 Expected Outcome:

The exposure of the faculty and students to other institute shall result in better quality of manpower. This will bring about the positive change in the scenario of technical education of Madhya Pradesh.

## 1.3.3 Establishment of Special Education Zone (SEdZ)

### 1.3.3.1 Justification

It felt that intensive and exclusive effort are required to increase the private participation in technical education.

### 1.3.3.2 Objectives

To establish special education zone having all the necessary infra-structural facilities.

### 1.3.3.3 Coverage

This scheme will cover SEZ of the whole state. The scheme has been extended to five divisional head quarters of the State.

### 1.3.3.4 Infra-Structure and financial outlay

The infrastructure and financial outlay needed for the scheme may be seen in the table given below:-

| S. No.   | Scheme of Expenditure                           | Financial Outlay for<br>Rs. in Lacs |             |
|----------|---|-------------------------------------|-------------|
|          |   | 2007-12                             | 2009-10     |
| 1        | Building and Infrastructure, Salaries and wages | 1500.00                             | 1.00        |
| Total :- |   | <b>1500.00</b>                      | <b>1.00</b> |

(Rs. in Lacs)

| S.NO.        | Head of Account  | Proposed Provision for |             |
|--------------|------------------|------------------------|-------------|
|              |                  | 2007-12                | 2009-10     |
| 01           | General Grant 47 | 960.00                 | 1.00        |
| 02           | General Grant 41 | 300.00                 | 00.00       |
| 03           | General Grant 64 | 240.00                 | 00.00       |
| <b>Total</b> |                  | <b>1500.00</b>         | <b>1.00</b> |

### 1.3.3.5 Expected Outcome:

There shall be Women's Multidiscipline excellence center established in the state. having all the advanced facilities to excel in the field of technical and professional education.

## 1.3.4 Ascertainment the participation of Tech. & Professional Institution for Community Development.

### 1.3.4.1 Justification

During the tenth plan private sector has come up as a major player in the field of technical and professional education. Apart from imparting education the role of this sector can be extended towards community services.

### 1.3.4.2 Objectives

- i. To ensure participation of institutes in the field of research prototype and standardization development.
- ii. To ensure participation of institutes to transfer technology for the community development and impart technical training to the weaker section of the society.

### 1.3.4.3 Coverage

This scheme will cover the whole state with special emphasis on to the remotes and under develop areas.

#### 1.3.4.4 Infra-Structure and financial outlay

The infrastructure and financial outlay needed for the scheme may be seen in the table given below:-

| S. No.       | Scheme of Expenditure | Financial Outlay for Rs. in Lacs |              |
|--------------|-----------------------|----------------------------------|--------------|
|              |                       | 2007-12                          | 2009-10      |
| 01           | Grant                 | 100.00                           | 10.00        |
| <b>Total</b> |                       | <b>100.00</b>                    | <b>10.00</b> |

(Rs. in Lacs)

| S.NO.        | Head of Account  | Proposed Provision for |              |
|--------------|------------------|------------------------|--------------|
|              |                  | 2007-12                | 2009-10      |
| 01           | General Grant 47 | 100.00                 | 10.00        |
| <b>Total</b> |                  | <b>100.00</b>          | <b>10.00</b> |

#### 1.3.4.5 Expected Outcome:

This scheme will ignite a process of continues dialogue between community and institute.

### 1.3.5 Establishment of Counseling, Placement and Admission cell in DTE.

#### 1.3.5.1 Justification

Total 375 technical and professional institute are established in the tenth plan there will be more institute in the future. This will require a complete system for fair and transparent counseling and admission, and guidance for placement of pass-out.

#### 1.3.5.2 Objectives

To establish a counseling cell to:

- Ensure a fair and transparent system of admission.
- To arrange carrier counseling for the student.
- To arrange recruitment drive to provide employment opportunity to the student of the state.

#### 1.3.5.3 Coverage Entire state of M.P.

#### 1.3.5.4 Infra-Structure and financial outlay

The infrastructure and financial outlay needed for the scheme may be seen in the table given below:-

| S. No.   | Scheme of Expenditure                    | Financial Outlay for Rs. in Lacs |              |
|----------|--|----------------------------------|--------------|
|          |  | 2007-12                          | 2009-10      |
| 1        | Salaries And Wages, Equipment, Furniture | 200.00                           | 50.00        |
| Total: - |  | <b>200.00</b>                    | <b>50.00</b> |

(Rs. in Lacs)

| S.N0. | Head of Account  | Proposed Provision for |              |
|-------|------------------|------------------------|--------------|
|       |                  | 2007-12                | 2009-10      |
| 01    | General Grant 47 | 128.00                 | 50.00        |
| 02    | General Grant 41 | 40.00                  | 00.00        |
| 03    | General Grant 64 | 32.00                  | 00.00        |
|       | <b>Total</b>     | <b>200.00</b>          | <b>50.00</b> |

### 1.3.5.5 Expected Outcome:

Conduction of Fair and Transparent counselling and development of mechanism for campus selection of technical and professional candidates of entire state.

### 1.3.6 Follow-up action for polytechnics and Engg. Colleges covered under the Externally Aided Technical Education Projects.

#### 1.3.6.1 Justification

The TEQIP will end in June 2008 with the over-all development of 2 existing polytechnics and 5 Engg. Colleges with a number of new initiatives directed at improvement of quality of the system. A sum of Rs 5050.00 lacs will be spent. It is necessary that the benefits of this scheme should continue further and the new initiatives, Learning Resource Development, Continuing Education Programmes, Computer Centres, Maintenance Cells, Curriculum Development Cells, Staff Development Programmes, control of drop-out rates, to name a few, taken up during the period of the project continue.

#### 1.3.6.2 Objectives

It is proposed to strengthen the various available systems and to provide inputs in terms of material and extra efforts, to undertake follow-up, keep a regular watch, monitor the progress and to ensure that the level of activity increases and additional inputs provided promptly.

#### 1.3.6.3 Coverage :

The scheme is designed to provide the same benefits to the user groups throughout the State as the World Bank Project offered.

#### 1.3.6.4 Infra-Structure and financial outlay

The infrastructure and financial outlay needed for the scheme may be seen in the table given below:-

| S. No. | Scheme of Expenditure             | Financial Outlay for Rs. in Lacs |              |
|--------|-----------------------------------|----------------------------------|--------------|
|        |                                   | 2007-12                          | 2009-10      |
| 1      | Equipments and other facilities   | 50.00                            | 00.00        |
| 2      | Maintenance and other expenditure | 50.00                            | 00.00        |
|        | <b>Total</b>                      | <b>100.00</b>                    | <b>00.00</b> |

(Rs. in Lacs)

| S.N0.        | Head of Account  | Proposed Provision for |              |
|--------------|------------------|------------------------|--------------|
|              |                  | 2007-12                | 2009-10      |
| 01           | General Grant 47 | 100.00                 | 00.00        |
| <b>Total</b> |                  | <b>100.00</b>          | <b>00.00</b> |

**1.3.6.5 Expected Outcome:**

Benefits started coming in through TEQIP should continue.

**1.3.7 CSS: Establishment of New Engineering /Polytechnics Colleges.**

**1.3.7.1 Justification**

As per policy of Government of India, it was decided that there should be a polytechnic at Dewas, Shivpuri, Sheopur, Umariya and Dindori under NCMP programme of GOI.

**1.3.7.2 Objectives**

To open five new polytechnics under new programme of Government of India.

**1.3.7.3 Coverage**

The scheme would cover the districts of Dewas, Shivpuri, Umariya, Sheopur and Dindori.

**1.3.7.4 Infra-Structure and financial outlay**

The infrastructure and financial outlay needed for the scheme may be seen in the table given below:-

| S. No.       | Scheme of Expenditure         | Financial Outlay for<br>Rs. in Lacs |               |
|--------------|-------------------------------|-------------------------------------|---------------|
|              |                               | 2007-12                             | 2009-10       |
| 01           | Central share (Non Recurring) | 6751.71                             | 454.00        |
| 02           | State share (Recurring)       | 3965.29                             |               |
| <b>Total</b> |                               | <b>10717.00</b>                     | <b>454.00</b> |

(Rs. in Lacs)

| S.N0.        | Head of Account  | Proposed Provision for |               |
|--------------|------------------|------------------------|---------------|
|              |                  | 2007-12                | 2009-10       |
| 01           | General Grant 47 | 6854.20                | 374.00        |
| 02           | General Grant 41 | 2146.00                | 00.00         |
| 03           | General Grant 64 | 1716.80                | 80.00         |
| <b>Total</b> |                  | <b>10717.00</b>        | <b>454.00</b> |

**1.3.7.5 Expected Outcome:**

Five Polytechnics will be established in the districts having majority of the inhabitants of SC/ST categories in the state.

### 1.3.8 Construction and Renovation of Building of Engineering Colleges and Polytechnics

#### 1.3.8.1 Justification

For fulfillment of statutory body (AICTE) norms

- (i) Construction of buildings and campus development of polytechnic Javad, hoshangabad, Bhind and Dabra established during tenth plan.
- (ii) Construction of additional building for courses in emerging technology.

#### 1.3.8.2 Objectives

- (i) To construct buildings of four polytechnics.
- (ii) To construct additional buildings to accomodate four courses of Engineering Colleges and 38 new courses in Polytechnic

#### 1.3.8.3 Coverage

The scheme will cover all the institutes of the state.

#### 1.3.8.4 Infra-Structure and financial outlay

The infrastructure and financial outlay needed for the scheme may be seen in the table given below:-

| S. No.       | Scheme of Expenditure | Financial Outlay for Rs. in Lacs |               |
|--------------|-----------------------|----------------------------------|---------------|
|              |                       | 2007-12                          | 2009-10       |
| 1            | 4202- Building        | 6000.00                          | 208.00        |
| 2            | Renovation            | 600.00                           | 100.00        |
| <b>Total</b> |                       | <b>6600.00</b>                   | <b>308.00</b> |

(Rs. in Lacs)

| S.No.        | Head of Account  | Proposed Provision for |               |
|--------------|------------------|------------------------|---------------|
|              |                  | 2007-12                | 2009-10       |
| 01           | General Grant 47 | 4224.00                | 102.00        |
| 02           | General Grant 41 | 1320.00                | 60.00         |
| 03           | General Grant 64 | 1056.00                | 146.00        |
| <b>Total</b> |                  | <b>6600.00</b>         | <b>308.00</b> |

#### 1.3.8.5 Expected Outcome:

There shall be buildings for all Engineering and Polytechnic Colleges of the State as per AICTE norms to ensure smooth conduction of the classes as per the curriculum of the RGPV.

### 1.3.9 Vikramadiya Scholarship scheme for General category students of economically weaker sections:

#### 1.3.9.1 Justification

The State Government has declared state policy to provide free education in professional courses running in Government Engineering and Polytechnic Colleges of

the State to meritorious students of General category belonging to economically weaker sections from the academic session 2008-09.

### 1.3.9.2 Objectives

To facilitate students of General Category, coming from economically weaker sections of the society, to pursue Engineering/ Diploma courses.

### 1.3.9.3 Coverage

The scheme covers students of general category belonging to economically weaker section, studying in Engineering and Polytechnics Colleges.

### 1.3.9.4 Infra-Structure and financial outlay

The infrastructure and financial outlay needed for the scheme has been given in the table below:-

| S. No.       | Scheme of Expenditure | Financial Outlay for Rs. in Lacs |               |
|--------------|-----------------------|----------------------------------|---------------|
|              |                       | 2007-12                          | 2009-10       |
| 1            | Scholarships          | 00.00                            | 200.00        |
| <b>Total</b> |                       | <b>00.00</b>                     | <b>200.00</b> |

(Rs. in Lacs)

| S.NO.        | Head of Account  | Proposed Provision for |               |
|--------------|------------------|------------------------|---------------|
|              |                  | 2007-12                | 2009-10       |
| 01           | General Grant 47 | 00.00                  | 200.00        |
| 02           | General Grant 41 | 00.00                  | 00.00         |
| 03           | General Grant 64 | 00.00                  | 00.0          |
| <b>Total</b> |                  | <b>00.00</b>           | <b>200.00</b> |

### 1.3.9.5 Expected Outcome:

The students belonging to General Category coming from economically weaker section will be able to carry out professional courses in the Government Engineering and Polytechnic Colleges of the State.

### 1.3.10 Central Govt. assisted scheme of quality improvement in State Engineering Colleges:

#### 1.3.10.1 Justification :

In the XI<sup>th</sup> plan the MHRD has proposed to upscale 200 State Engineering Institutions (SEIs) in the country to the level of NITs.

#### 1.3.10.2 Objectives :

To improve the quality of education and to achieve excellence in the specific areas of Engineering & Technology in the 04 State Engineering Colleges vis a vis Ujjain, Rewa, Sagar & Jabalpur.

#### 1.3.10.3 Coverage :

The scheme will cover the 04 State Engineering Colleges.

#### 1.3.10.4 Infra-Structure and financial outlay

The infrastructure and financial outlay needed for the scheme has been given in the table below:-

| S. No.       | Scheme of Expenditure | Financial Outlay for Rs. in Lacs |               |
|--------------|-----------------------|----------------------------------|---------------|
|              |                       | 2007-12                          | 2009-10       |
| 1            | Central Share         | 00.00                            | 00.00         |
| 2            | State Share           | 00.00                            | 225.00        |
| <b>Total</b> |                       | <b>00.00</b>                     | <b>225.00</b> |

**1.3.10.5 Expected Outcome:**

The State Engineering Colleges will provide job oriented Technical Courses in latest technologies.

\*\*\*\*\*