RAKSHAK FOUNDATION

Four year action plan for up-gradation of existing ITI system in Uttar Pradesh

MAY 2013

Submitted by: Anup Digambar Phulsundar IIM INDORE

Mentored by:

Shri VikasGothalwal

Special Secretary,(IAS)

Disclaimer: This report is an outcome of a student project and the content of this report represents the views of its author Neither the report nor any of its parts represent the views of Rakshak Foundation and/or any of its affiliates and officials in any capacity whatsoever. The figures and facts used in the report are only suggestive and cannot be used to initiate any legal proceedings against any person or organization. However, the author shall be extremely grateful to acknowledge any inaccuracies in the report brought to author's notice.



Preface

My name is Anup Digambar Phulsundar. I am currently pursuing a PGDM course from IIM Indore. I have done computer engineering from Dr. MGR university, chennai. I chose to participate in the program because I wanted to know how governmental policies are formed and implemented. I have a greater understanding of public administration which I believe would help me as a manager. Rakshak Foundation researches different public policy issues and creates awareness about them. Rakshak Foundation sponsors Seminars on public policy matters, sponsors activities to involve the youth in social issues including volunteering and supports programs to help the needy.



Acknowledgements

I would like to thank Shri VikasGothalwal, IAS for agreeing to mentor me. Through the course of the internship we have learnt a lot due to his able guidance. I would also like to thank Rakshak foundation for providing me an opportunity to work with them. My sincere thanks also go to Shri Rajeev Kapoor (IAS), Anita Shrivastav (additional secretary) and directorate of vocational education and training for their help.

Table of Contents

| Ex | ecutive Summary | 4 |
|----|---|----|
| 1. | Introduction of project | 5 |
| | 1.1. Background Information | 5 |
| | 1.2. Main Problems, their scope and impact on the society | 6 |
| | 1.3. Goal and Objectives of the project | 7 |
| 2. | Methodology | 8 |
| | 2.1. Literature Search | 8 |
| | 2.2. Field Visits | 9 |
| | 2.3. Surveys | 10 |
| 3. | Current NGO, and Govt. Efforts | 15 |
| | 3.1. Government Efforts so far | 15 |
| | 3.2. Analysis of work done so far | 15 |
| 4. | Results and Discussions | 16 |
| | 4.1. Findings from Literature | 16 |
| | 4.2. Finding from the fields and impact on the theoretical focus of the project | 16 |
| | 4.3. Gap Analysis | 17 |
| 5. | Recommendations, Scope and Strategy for Implementation | 19 |
| 6. | Suggestions for future work | 30 |
| 7. | Conclusion | 31 |
| 8. | References | 31 |
| Ар | pendix A: Meetings and Interviews | 32 |
| Ар | pendix B: Fig. and Tables | 34 |

Executive Summary

The report consists of four year action plan for up-gradation of existing ITI system in Uttar Pradesh. The current system of vocational training in Uttar Pradesh suffers from a number of deficiencies.

- The total capacity is far less than the actual demand. Again, the geographical distribution of ITIs/ITCs is heavily skewed.
- The existing infrastructure needs up-gradation as per the changing needs of the market. There is no availability of hostel facility for the candidates.
- The employability of trainees is very low around 15-18%. The courses are not in sync with the current market needs.
- There is an acute shortage of trainers and also there is no institutional mechanism for upgrading the knowledge and capacities of the trainers.
- The participation of industries and professional training providers is very low because of lack of comprehensive policy framework to engage them in a positive manner. Under these circumstances, there is an urgent need to draw a comprehensive plan for development of ITIs/ITCs in the State.
- There is no up to date data on all the existing ITI's. Thus there is a need to develop a Management Information System to overcome this problem.

Report also consists of proposed solution for the problems faced by current ITI system and implementation for the same. Following are proposed solutions:-

- MIS to be developed to gather data from all ITI's.
- As geographical distribution of ITIs/ITCs is heavily skewed, to reduce this, districts have been prioritized based on various factors such as population, literacy, density, existing number of ITI's and seats in those ITI's. A ranking has been provided to increase number of ITI's and seat capacity.
- Centralized purchasingprocess has been proposed to reduce corruption and to ensure that standards can be maintained for the equipment in the workshop.
- Centralized placement portalcan be created for all ITI's across UP with industry and student access so that all new jobs in the state can be seen by all students across UP.
- Instructor training in the industry to ensure that they remain competent.
- Trade analysis has been done to analyze the non- performing trades based on the admissions and seats vacant. Recommendation has been given to reduce the number of units intake or to discontinue the trades altogether.
- Malpractice can be reduced in Examination by sending papers directly to exam centres rather than district headquarters.

1. Introduction

1.1 Background Information

The Directorate General of Employment & Training (DGE&T)[4][5] in Ministry of Labour is the apex organisation for development and coordination at National level for the programmes relating to vocational training including Women's Vocational Training and Employment Services. Employment service is operated through a countrywide network of Employment Exchanges. Industrial Training Institutes are under the administrative and financial control of State Governments or Union Territory Administrations. DGE&T also operates Vocational Training Schemes in some of the specialised areas through field institutes under its direct control. Development of these programmes at national level, particularly in the area concerning common policies, common standards and procedures, training of instructors and trade testing are the responsibility of the DGE&T. But, day-to-day administration of employment Exchanges and Industrial Training Institutes rests with the State Governments/ Union Territories Administrations.

The Directorate General of Employment & Training (DGE&T) in the Ministry of Labour, Government of India initiated Craftsmen Training Scheme (CTS) in 1950 by establishing about 50 Industrial Training Institutes (ITIs) for imparting skills in various vocational trades to meet the skilled manpower requirements for technology and industrial growth of the country. The second major phase of increase in ITIs came with the oilboom in West-Asia and export of skilled manpower to that region from India. Several new private ITIs were established in 1980's in southern states mostly in Kerala, Karnataka and Andhra Pradesh, etc. from where trained craftsmen found placement mainly in Gulf countries. In 1980, there were 830 ITIs and the number rose to 1900 ITIs in 1987. During 1990's, the growth of ITIs had been steep and presently there are over 4971 ITIs (1869 in Govt. & 3102 in Private Sector) having a total seating capacity of 7.18 lakhs

Under the constitution of India, Vocational training is the concurrent subject of both Central and State Governments. The development of training schemes at National level, evolution of policy, laying of training standards, norms, conducting of examinations, certification, etc. are the responsibilities of the Central Government, whereas the implementation of the training schemes largely rests with the State Governments/Union Territory Administrators. The Central Govt. is advised by the National Council of Vocational Training (NCVT), a tripartite body having representatives from employers, workers and Central/State Governments. Similar Councils known as State Councils for Vocational Training are constituted for the same purpose by the respective State Governments at state levels.



Broad objectives of CTS scheme [4]:

- To provide semi-skilled/skilled workers to industry by systematic training to students who have left school due to various reasons.
- To reduce unemployment among educated youth by equipping them with suitable skills for industrial employment

Broad objectives of Apprenticeship Training Scheme [1]:

- To regulate the program of training of apprentices in the industry so as to conform to the syllabi, period of training etc. as laid down by the Central Apprenticeship Council
- To utilize fully, the facilities available in industry for imparting practical training with a view to meeting the requirements of skilled manpower for industry.

The DGET is the enforcing body that implements both the schemes in the different states of India.

1.2 Main Problems, their scope and impact on the society

Major issues that we faced include but are not limited to the following:

- Lack of data on the various ITI's that operate in the state.
- Funds are not properly utilized. The centre releases funds but only a very small percentage finally reaches the ITI's.
- Lack of funds which leads to understaffed ITI's and lack of proper equipment.
- Rampant cheating in the examinations because of which the dedicated students lose out.
- Lot of scrap material is occupying space in the ITI's which is not being auctioned.
- Poor job prospects after completion of the course.
- Mark sheets not reaching the students on time. Many times the students receive their mark sheets after 2 years.
- The total capacity is far less than the actual demand. Again, the geographical distribution of ITIs/ITCs is heavily skewed.
- The existing infrastructure needs up-gradation as per the changing needs of the market. There is no availability of hostel facility for the candidates.
- The employability of trainees is very low around 15-18%. The courses are not in sync with the current market needs.
- There is an acute shortage of trainers and also there is no institutional mechanism for upgrading the knowledge and capacities of the trainers.

1.3 Goals and Objectives

The Plan shall consider the following aspects and suggest definitive actionable strategy for development of ITIs/ITCs:

Policy for opening new ITIs/ITCs: In order to meet the demand, new infrastructure has to be created. However, there shall be a policy framework to decide how and at what rate the new infrastructure should be created so that not only the gap shall be met but also the geographical disparity shall also be addressed.

Funding Pattern for New Infrastructure: Other than the regular departmental budget, there are number of central schemes such as MSDP, BADP, SCA to SCSP, BRGF etc. through which this infrastructure can be created. The Plan shall consider all the available scheme so that sufficient funds can be generated for creating the infrastructure.

Up-gradation of Existing Infrastructure of ITIs: The existing infrastructure has not been upgraded as per the need and demand of new trades and courses. The equipment and machinery has also become obsolete. The plan shall assess the existing infrastructure (buildings, equipment, machinery) and suggest the requirements for upgradation.

Hostel Facility for the Candidates: It has been felt that non availability of functional hostel facilities in ITIs/ITCs not only affects the quality of the training program but also affect the accessibility especially for vulnerable sections of the society. The Plan shall include the assessment of existing infrastructure of hostels within ITIs and shall find out the additional requirement of hostel facilities. A large number of hostels were constructed under other schemes which are not functional currently. This infrastructure shall also be considered for optimal use.

Rationalization of Courses: There are a number of courses which are no longer in demand. Also, there are a larger number of similar trades which can be grouped together. Some of the courses are affiliated to SCVT because the requirements of NCVT are not met, though the syllabus is as per NCVT. There is demand to design the courses as per the local and market needs. All such aspects shall be considered and analyzed, in order to, rationalize the courses, so that employability of trainees can be enhanced.

Capacity Building of Human Resources: There is an acute shortage of trainers both in ITIs and ITCs. Also, there are no institutional arrangements for capacity building of

existing human resources. The Plan shall include the assessment of all human resources, engagement/recruitment of technical faculty, methods and institutional arrangements for capacity building.

Employability of Trainees: Presently, the employability of trainees is very low approx. 15-18%. There are very minimal arrangements for linkages to employment. The plan shall suggest methods to enhance the employability of the trainees and strategies to establish strong linkages for employment.

Management Information System: The directorate of employment and training does not have a functional MIS to monitor the schemes being implemented. The plan shall design a robust MIS for the directorate.

2. Methodology

2.1 Literature Search

• Book on The Apprenticeship training act, 1961 [1]:-

This book helped in understanding different schemes such as ATS, CTS, COE. It helped in understanding the apprenticeship training act 1961 and provisions of the act and besides that it helped to understand different trades and requirement of those trades in terms of period of training and educational qualifications required for that trade

• Policy for skill development in Uttar Pradesh [3]

It helped in understanding the funding schemes and which districts are covered under which scheme.

• Report on Financial aspects by vocational education department[2]

It gives an idea about the allocation of the money and money spent in that year. It also provides data related to financial heads under which the money has been allocated and helped to carry out the gap analysis.



2.2 Field Visits

| SI.No. | Outcome(Problems that have been observed) | Action Planned |
|--------|---|---|
| 1 | Lack of instructors. More units per instructor overburden the instructor thus hampering the quality of teaching. Leads to a lack of enthusiasm from the instructor | To work on Recruitment policy |
| 2 | Lack of well-trained instructors. Instructors should be proficient in their subject and must have practical knowledge. Only theoretical knowledge will not suffice | Training sessions can be scheduled |
| 3 | Principals are notavailable to look afterthe training programs given to instructors and students, as they are busy with budget allocation and purchasing equipment'sand hence they are not able to give enough timeto these vital activities | Burden on Principal can bereduced through centralized purchasing |
| 4 | Exam results are not handled properly. Mark sheets come after 6 months. They invariably end up having wrong names or wrong parent names. A very cumbersome process ensues to get this data corrected which frustrates the students | Students can verify their names online during filling the form for exam itself. This way it can be ensured there will be no mistake in mark sheets. Computerizing the process would also help. |
| 5 | Stores are filled with useless scrap and as such cannot accommodate any more scrap. So it becomes a problem for the instructor to take care of the unserviceable equipment | Auction of Scarp material can be carried out |
| 6 | Lack of budget for guest faculty for advanced courses. They are paid a paltry sum of 150 Rs per hour and hence lose interest in teaching the students | Special provisions can be made for budget allocation of guest faculty |



2.3 Surveys

Since there is no data of all the institutes available the need of the hour was to develop an MIS that could capture data. To this end a prototype was developed. Please refer to the appendix for the ER diagram, Schema and snapshots of the forms. The process involved the following steps

- Development of an ER diagram to identify the various entities and relationships in the ITI system.
- Development of a schema from the ER diagram to ensure that the data is consistent and can be queried to throw automatic results.
- Development of a working prototype with a Graphic User Interface to make the system easy to use and speed up the data collection process.

The MIS was deployed and over the course of a month data was collected. Data was collected under various heads including infrastructure, hostel availability, funds, IMC details, job details, academic details and staff details. Thus steps were undertaken to create and maintain a repository of the most basic information with respect to ITI's all across the state of UP.

| Seri | <u>Name of</u> | Original | U | Nu | Nu | Nu | Nu | Vaca | Seat | Seat | Seat | Seat | Seats | <u>ITI</u> |
|------|----------------|----------|----|------|-------|-----|------|-------|-------|-------|-------|-------|--------|------------|
| al | <u>Trade</u> | Seating | ni | mb | mb | mb | mb | ncies | s | s | s | s | filled | <u>Co</u> |
| nu | | capcity | t | er | er | er | er | | fille | fille | fille | fille | by | <u>de</u> |
| mb | | - | si | of | of | of | of | | d by | d by | d by | d by | Physic | |
| er | | Excludi | ze | unit | seat | mal | fem | | SC | ST | OBC | Min | ally | |
| | | ng | | s | s | es | ales | | stud | stud | stud | orit | handic | |
| | | Supern | | run | fille | | | | ents | ents | ents | у | apped | |
| | | umeries | | | d | | | | | | | stud | studen | |
| | | | | | | | | | | | | ents | ts | |
| 1 | FITTER | 16 | 1 | 1 | 21 | 18 | 03 | _ | 04 | 0 | 12 | 01 | _ | 0 |
| | | | + | + | | | | | | | | | | 5 |
| | | | 1 | 1 | | | | | | | | | | 2 |

A sample response under the trades head is as shown below:



| 2 | MECH. | 16 | 1 | 1 | 21 | 20 | 02 | _ | 03 | 0 | 09 | 02 | _ | |
|---|---------|----|---|---|----|----|----|----|----|----|----|----|---|--|
| | REFRIGE | | + | + | | | | | | | | | | |
| | RATION | | 1 | 1 | | | | | | | | | | |
| | & AIR | | | | | | | | | | | | | |
| | CONDITI | | | | | | | | | | | | | |
| | ON | | | | | | | | | | | | | |
| 3 | STENO | 16 | 1 | 1 | 21 | 05 | 16 | - | 04 | 01 | 08 | 02 | _ | |
| | HINDI | | | | | | | | | | | | | |
| 4 | HAIR & | 16 | 1 | 1 | 16 | - | 16 | 05 | 03 | 0 | 05 | 02 | _ | |
| | SKIN | | | | | | | | | | | | | |
| | CARE | | | | | | | | | | | | | |
| 5 | CUTTIN | 16 | 1 | 1 | 14 | - | 14 | 07 | 02 | 0 | 07 | 02 | - | |
| | G & | | | | | | | | | | | | | |
| | SEWING | | | | | | | | | | | | | |
| 6 | ELECTRI | 96 | 1 | 1 | 12 | 11 | 12 | - | 26 | 03 | 65 | 10 | - | |
| | CAL COE | | | | 6 | 4 | | | | | | | | |
| | (PPP) | | | | | | | | | | | | | |
| 7 | MECHAN | 16 | 1 | 1 | - | - | - | - | - | - | - | - | - | |
| | IC | | | | | | | | | | | | | |
| | MOTOR | | | | | | | | | | | | | |
| | VEHICLE | | | | | | | | | | | | | |
| 8 | MECHAN | 16 | 1 | 1 | 21 | 19 | 02 | - | 03 | 01 | 10 | 02 | - | |
| | IC | | | | | | | | | | | | | |
| | DIESEL | | | | | | | | | | | | | |

Also surveys were conducted by physical going to ITI's and obtaining data from the various stake holders. After doing the survey, we found out various problems faced by students, faculty, industry and suggestions given by them. Following are the problems and suggestions given by the stake holders from their perspective:-

Faculty perspective:

- 1. Lack of instructors. More units per instructor overburden the instructor thus hampering the quality of teaching. Leads to a lack of enthusiasm from the instructor.
- 2. Lack of well-trained instructors. Instructors should be proficient in their subject and must have practical knowledge. Only theoretical knowledge will not suffice.
- 3. The ATI is not doing a good job of training the instructors. It is producing poor quality instructors.
- 4. Workshops in the district do not take on the students for the internship duration even when students are ready to work for free. This leads to dissatisfaction in the program.
- 5. Students are made to work without remuneration. This could lead to student abuse by the workshop owners possibly to extract maximum work for no pay.
- 6. Students are not given travel allowance. Most students are from a very under privileged background and cannot afford to pay for the travel even if it is a small amount like 50 Rs per day.
- 7. No centralized purchasing of equipment for the workshops. This could lead to corruption.
- 8. Principals are not that worried about the training programs given to instructors and students. They are more concerned about budget utilization and hence are not able to give enough attention to these vital activities.
- 9. Since the system encourages individual procurement of equipment there is no standardization in the purchased equipment. Individual procurers do not have an exact idea of what equipment to buy. The purchase of equipment's should be standardized so that quality remains consistent and also bulk purchasing can lead to rebates which could lead to funding of other underfunded activities.
- 10. Tenders for procurement are not published on the web or advertised in the papers. Tenders are being handled by the principals themselves. This is another possible source of corruption.
- 11. Exam results are not handled properly. Mark sheets come after 6 months. They invariably end up having wrong names or wrong parent names. A very cumbersome process ensues to get this data corrected which frustrates the students.
- 12. Another issue is that instructors with B.E. backgrounds can teach the theory very well but are unwilling to dirty their hands in the practical training. They do not wish to do these jobs as they have the mindset that this is menial work.
- 13. Power cuts are a major problem in most ITI's. Without power practical classes cannot happen. This hampers the students greatly.
- 14. Lack of hostel facilities at the ITI even with the presence of buildings.
- 15. Stores are filled with useless scrap and as such cannot accommodate any more scrap. So it becomes a problem for the instructor to take care of the unserviceable equipment.

- 16. Lack of budget for guest faculty for advanced courses. They are paid a paltry sum of 150 Rs per hour and hence lose interest in teaching the students.
- 17. The same class has students who are fresher's who have only passed class 8 and also people who have done MSc and are 28 to 30 years old. This leads to heterogeneity in the class as different people have different grasping power and different amount of experience. The instructor is not able to meaningfully instruct such a class.
- 18. In the Centre of excellence the student has to do 6 months of industry training apart from 6 months of internship. And the student is given the certificate from NAC only after 6 months of apprenticeship. In this process the student loses 6 to 8 months.

Student perspective:

- No hostel facility, hence students are forced to travel and spend a lot of money which many of them cannot afford.
- No proper workshop/lab facilities. Sometimes the students have to make do without even the most basic facilities.
- Children do not learn. They just do rote learning as the instructors have no latest knowledge on the subject.
- Text books are in English. Hence it becomes difficult for most students to follow.
- Basic facilities like water and toilets are missing.
- No travel allowance given for students who come from very far off places.
- Instructors are missing from class rooms they are never regular to classes. No mechanism to ensure that instructors are on time. Many of the time they are posted on one duty or the other and hence are not able to focus on teaching.
- No computer facility. It becomes difficult to teach computer aided subjects. Just one computer for the whole class whereas industry requires work to be done on computers.
- No continuous improvement plans for instructors. They have very outdated knowledge.
- No incentives for instructors to perform.
- Exam results are never out on time. Often students waste more than one year because of this.
- Session is supposed to start on 1 August but actually starts sometime around December or January as seats are never filled on time.
- Poor prospect of jobs after passing out of the ITI.
- No railway concession forms are available in spite of government promises.



Principal perspective:

- > Foremen only signing attendance register but not doing their duty properly.
- No instructor assessment program.
- Machines are lying around unserviceable and hence clogging up the scrap room. The burden falls on the instructor to take care of these machines. They should be auctioned and the money generated should be used for the development of ITI's.
- Hostels should be opened up so that the students do not have to travel from very long distances.
- Principal cannot focus on the day to day operations of the ITI because of bureaucratic processes and fund utilization activities.
- Cheating is very rampant in the examinations. If one can reduce cheating then one can ensure that only the deserving candidates pass and get the good jobs.
- A fee of 40 Rs is negligible and is of no use for the government ITI's. The fee should at least be increased to 400 Rs so that the functioning of the ITI's can be smoothened.
- The government should have linkages with PSU's which must ensure that whenever there is a requirement of candidates the ITI students should get a chance to apply for these companies.
- Surprise visit by faculties to industries to ensure that the students are not being abused in terms of over work or minimum wage.
- Focus must be on basic facilities like fans in workshops, generators for power backup and glass panes in workshops to prevent the rain from entering and ruining the machines in the workshops.

Private ITI perspective:

- Some of the students do not turn up for classes in both the years. They cheat in the exams and get good marks. This happens in both Government ITI's and private ones as well. A strong examination system would do away with these practices.
- The QCI system is very strict and ensures only good quality ITI's will be opened in the future. It is not possible to open dud ITI's which function only during the time of exams and remain closed the rest of the year. Many ITI's always remain locked throughout the year. Such ITI's must be identified and immediately closed.
- A centralized portal for placement of all ITI students is advisable. The private ITI's have no way of getting the big companies to hire at their campuses. The best option would be to have a centralized placement portal for students across all ITI's in UP. When a company has a requirement it should put up the job details along with the location and pay on this portal. The students could sit for these companies based on their interest. This would greatly simplify the lives of many students who struggle to find jobs after the ITI course.



Industry suggestions:

- Students who are ready for the apprenticeship are available throughout the year. This should be changed so that all students who are looking for apprenticeship come out at one season during the year so that all companies can come and recruit them during that one season.
- In the future one can look at a joint entrance examination system for both private and govt. ITI's with a seat counselling system which is the procedure followed in engineering colleges. This could go a long way in maintaining quality and also ensure that students can get the subject that they want in an area that they are comfortable with and this would ensure some way to gauge the ability of private ITI students for the industrial sector.
- Syllabus should be upgraded. The syllabus in ITI's is not of any practical use. Students should be taught the current industry requirement.
- The instructors should have training in the industry once every 3 years to ensure that they remain abreast of the latest technologies in the industry. The government should facilitate such a process.
- Continuous assessment of the teachers with surprise inspections from the government by persons of authority will ensure that the ITI system is up to date and the teachers are doing their duty.
- The government fixes the limit for the stipend at 2000 Rs. The government could look at increasing this figure so that it will help the students to sustain themselves. If any damages or wastages are incurred because of the student then the student can be penalized up to the point that he takes at least 2000 Rs home with him per month.
- Audit the private ITI's as some of them are below the mark. The government should close all the ITI's that are not performing up to the mark or are not meeting minimum requirements.
- When opening new trades in any district please open them according to the requirements in that district based on the industries that operate in that district or in the nearby districts. This would ensure more children get jobs with minimum migration of students.



2.4 Meetingsand Interviews

| Date | Name | Designation | Institution | Topic of Discussion |
|---------|----------------------------|----------------------|-------------------------|--|
| 8-4-13 | Shri B. N Shrivastav | Senior Instructor | ITI Aliganj, Lucknow | Procurement process Instructor Training Program |
| 8-4-13 | Shri Rajendra Prasad | Principal | ITI aliganj, Lucknow | Problems related with the apprenticeship program Problems related with instructor trainings and its schedules |
| 26-4-13 | Shri M. H. Osnani | Principal | ITI Allahabad | Problems related with infrastructure |



3. Current NGO and Government Efforts

- State vocational education department has tied up with industry association Confederation of Indian Industries and Tata Consultancy Services to conduct a faculty development programme to enhance the employability skills of teachers in the state-run Industrial Training Institutes (ITIs).
- Tata Motors Ltd and Confederation of Indian Industry (CII) with the support of ISTD and Government of Uttar Pradesh organised a day-long workshop on 'Positive Attitude' catering to the staff of government-run Industrial Training Institutes in Lucknow.
- The National Skill Development Corporation (NSDC) is supporting the setting up of profit-making companies that run ITI's, since 2010, to promote skill up-gradation. The number of private ITI has shot up to around 1400 institutes.
- Government is looking at increasing the funding to upgrade the entire ITI system in UP by setting up new ITI's and developing existing ones. This is being done through a corpus of 23 CroreRs just for ITI up gradation.

Analysis:

- While it is a positive step to see industry interaction the need of the hour is for constant and involved participation by the industry. A week or day long workshop is sometimes not enough to bring the staff up to mark.
- A dedicated centre to train the staff and provide certification courses so that staffs has detailed, practical and current knowledge is the requirement. The ITI staffs needs to be trained by industry experts and this process can be incentivised for both the trainers and the staff to ensure its success.
- Although the number of private ITI's has shot up, the quality of these institutes is still a cause for concern. Private ITI's should have surprise inspections from the centre to ensure compliance at all times. The new QCI system is proving to be good in terms of maintaining quality and standards for private ITI's.
- The fund should be used to create a centralized purchasing mechanism and placement portal that would benefit the students greatly.

4. Results and Discussions

4.1 Findings from the literature

Helped in understanding different schemes such as ATS, CTS, COE [1-5]. It helped in understanding the apprenticeship training act 1961 and provisions of the act and besides that it helped in understanding the different trades and requirement of that trades in terms of period of training, educational qualifications for that trade It helped in understanding the funding schemes and which districts are covered under which scheme. It gives an idea about the allocation of the money and money spent in that year. It also provides data related to financial heads under which the money has been allocated and helped to carry out the gap analysis.

4.2 Finding from the fields and impact on the theoretical focus of the project

- Introduce centralized purchasing. This will reduce corruption and standards can be maintained for the equipment in the workshop. A good technical team to co-ordinate the procurement process. This will ensure that standards are maintained.
- A systematic procedure to **float tenders** with national standards to be followed while purchasing the equipment.
- Scrap needs to be auctioned immediately to clear the store so that unserviceable equipment can be transferred to the store.
- Lack of instructors is a major problem. Possible ways to overcome this problem is to increase their remuneration.
- Instructor training in the industry to ensure that they remain competent. This should be done regularly once every three years. For example, get the instructors trained at companies like TATA so that they have the latest up to date knowledge and are able to better instruct the students.
- Introduce a **centralized placement portal** for all ITI's across UP with industry and student access so that all new jobs in the state can be seen by all students across UP. This would also strengthen the bond with the industry.
- Unify the registration and the exam result process. So the names gathered during registration can be verified by the respective teachers in the classrooms and ultimately this data can be used to give the final results. **Computerize the results and mark sheets.**
- Joint entrance examination system with counselling of seats for both private and government ITI's. This would ensure a transparent process.



- Reduce cheating in examinations. Possible ways are to have surprise inspections across random examination centres, involve a third party like security agencies to conduct free and fair examinations or involve the police. The board examinations are conducted across UP and there is very less cheating in that system. Similar thought process can be applied in this case as well.
- Upgrade to a semester wise system rather than having a single examination at the end of a 2 year or a 3 year course.
- The allocation of examination centres must be done by the administration and not by the principals to reduce the scope of cheating.
- Make the **name change process in mark sheet a transparent process** without making it unnecessarily cumbersome.
- **Open up the hostels** for the students. Without open hostels the students would unnecessarily suffer.
- Travel allowance must be provided to students. This would make ITI's more attractive to students.
- Government must ensure that students are given minimum wage when they do internships outside the ITI to prevent abuse or ill treatment.
- Increase budget for guest faculty to rope in more quality faculty with good industry experience. This would help both the faculty and the students.

| Financial analysis for CTS scheme | Funds sanctioned | Funds utilized | Unutilized funds |
|---|------------------|----------------|------------------|
| 2007-2008 | 5900 | 4006.48 | 1893.5 |
| 2008-09 | 4602.07 | 5747.06 | -1145 |
| 2009-10 | 9156 | 6579.95 | 2576.1 |
| 2010-11 | 10837.32 | 9079.18 | 1758.1 |
| 2011-12 | 11305.51 | 9272.32 | 2033.2 |
| 2012-13 | 20300 | - | - |
| Total except for 12-13 | 41801 | 34685 | 7115.9 |
| All figures in lake | | 6. | umao. [2] |

4.3 Gap analysis

All figures in lakhs

```
Source: [2]
```

Staff vacancies [2]:

| Sl. No. | Class | Available posts | Filled posts | Vacant posts | % posts vacant |
|---------|-------|-----------------|--------------|-----------------|-------------------|
| 1 | 1 | 32 | 23 | 9 | 28.13 |
| 2 | 2 | 224 | 166 | 58 | 25.89 |
| 3 | 3 | 5151 | 3260 | 1891 | 36.71 |
| 4 | 4 | 2110 | 1642 | 468 | 22.18 |



The figures in this table are as of 2012

As can be seen a majority of the funds remain unutilized. As of 2011-12 about 7115.9 Lakh rupees remain unutilized.

The major reason for such poor utilization is as follows:

- There is no centralized purchasing mechanism for equipment.
- Staff vacancies have not been filled leading to poor management of ITI's
- Too many bureaucratic formalities for purchasing and hence funds not properly utilized.
- Possible corruption because each principal is responsible for purchasing equipment rather than having a centralized purchasing mechanism.
- Scrap is not being sold and hence the ITI's are clogged with old and unused machines which is leading to lack of buying new machinery.
- Unattractive salaries and poor advertising to fill the vacant posts.



5. Recommendations, Scope and Strategy for Implementation

5.1 Recommendation & Scope

Trade Analysis:

The various trades were analysed and their performance was studied. Those trades which have very few takers across the state have been identified. These trades should either be discontinued or their intake has to be considerably reduced. The following table provides a snapshot of the analysis:

| क्र0सं0 | 2012 | V-I | ्सीव्यीव | ರೆಂ | एस | ्सीव्यीव | ರೆಂ | | | योग | | 2011 | एन0 सी0 | वीवटीव | एस | ्सीव्या | ਟੀ ਹ | | य | ग | | | |
|---------|---------------------------------|-----------------------|----------|-------|--------|----------|-------|--------|---------|-------|----------|--------|---------|--------|--------|---------|-------------|------|---------|-------|--------|--------------------|------------------|
| | व्ययसाय का | कुल | कूल | रिक्त | कूल | कूल | रिक्त | कुल | कूल | रिक्त | प्रतिशत | कूल | कुल | रिक्त | कूल | कुल | रिक्त | कूल | कुल | रिक्त | प्रतिश | Average Percentage | ranking(lover to |
| 1 | नाम | श्वमता | प्रवेशि | सीटें | क्षमता | प्रवेशि | सीटें | क्षमता | प्रवेशि | सीटे | प्रवेशित | श्वमता | प्रवेशि | सीटें | श्वमता | प्रवेशि | सीटें | समता | प्रवेशि | सीटें | ਰ | (2011&2012) | higher) |
| 1 | कम्प्यूटर एडेड | 0 | 0 | 0 | | 170 | 313 | 483 | | 313 | 35.20 | | | | | | | | | | - | | |
| · · | इम्बाइडी एण्ड | | Ĭ | Ĭ | | | 2.2 | | | | | | | | | | | | | | | | |
| | निदिल वर्क | | | | | | | | | | | 0 | 0 | 0 | 483 | 115 | 368 | 483 | 115 | 368 | 23.81 | | |
| | (डब्ल्) | | | | | | | | | | | | | | | | | | | | | 29.50 | 1 |
| 2 | द्राफ्ट मैन | 21 | 16 | 5 | 42 | 14 | 28 | 63 | 30 | 33 | 47.62 | ~ | 36 | 27 | 40 | 6 | - 20 | 405 | 10 | ~~~ | 40.00 | | |
| | सिविल (डब्लू) | | | | | | | | | | | 63 | 36 | 27 | 42 | ь | 36 | 105 | 42 | 63 | 40.00 | 42.86 | 2 |
| 1 | ड्रेस मेकिंग | 210 | 160 | 50 | 1483 | 690 | 793 | 1693 | 850 | 843 | 50.21 | 231 | 172 | 59 | 1491 | 608 | 883 | 1722 | 780 | 942 | 45.30 | 47.73 | 3 |
| 3 | प्लास्टि क | 42 | 28 | 14 | 105 | 71 | 34 | 147 | 99 | 48 | 67.35 | | | | | | | | | | | | |
| | प्रोसेसिंग | | | | | | | | | | | 42 | 29 | 13 | 273 | 124 | 149 | 315 | 153 | 162 | 48.57 | | |
| | व्योपरेटर | | | | | | | | | | | | | | | | | | | | | 54.55 | 5 |
| 2 | फेशन | 252 | 216 | 36 | 1815 | 1032 | 783 | 2067 | 1248 | 819 | 60.38 | | | | | | | | | | | | |
| | टेक्नालाजी | | | | | | | | | | | 273 | 208 | 65 | 1827 | 887 | 940 | 2100 | 1095 | 1005 | 52.14 | _ | |
| | (डबलू) | | ne | 1 | | | | | | | Pa | ne | 1 | | | | | | | Pac | 1e | 56.23 | Page 7 4 |
| 4 | द्वलैक्ट्रानिक वि | Q ₂ | 9 34 | 8 | 21 | 15 | 6 | 63 | 49 | 14 | 77.78 | | | 14 | 42 | 18 | 24 | 63 | 25 | 38 | 39.68 | <u> </u> | _ |
| | मैकेनिक (डब्लू) | | | | | | | | | | | | | | | | | | | | | 58.73 | 6 |
| 5 | हियर एण्ड | 357 | 287 | 70 | 1252 | 723 | 529 | 1609 | 1010 | 599 | 62.77 | 357 | 261 | 96 | 1281 | 660 | 621 | 1638 | 921 | 717 | 56.23 | | |
| | स्किन केयर | | | | | | | 273 | 189 | 84 | 69.23 | | | | | | | | | | | 59.47 | 7 |
| 6 | डाटा एन्ट्री | 0 | 0 | 0 | 273 | 189 | 84 | 213 | 189 | 84 | 63.23 | 0 | 0 | 0 | 294 | 158 | 136 | 294 | 158 | 136 | 53.74 | | |
| | आपरेटर मैकेनिक रिपेयर | | | | | | | 189 | 121 | 68 | 64.02 | 0 | 0 | 0 | 189 | 113 | 76 | 189 | 113 | 76 | 59.79 | 61.20 | 8 |
| 7 | मकानक रिपयर एण्ड मेन्टीनेन्स | 0 | 0 | 0 | 189 | 121 | 68 | 103 | 121 | 00 | 04.02 | 0 | l ° | 0 | 103 | 113 | 10 | 105 | 113 | 10 | 55.15 | | |
| | एण्ड मन्ट नन्स (टू. वडीलर) | | | | | | | | | | | | | | | | | | | | | | |
| 9 | (टू. प्रालर) नेटवर्कस | 0 | 0 | 0 | 273 | 201 | 72 | 273 | 201 | 72 | 73.63 | | | | | | | | | | | 61.90 | 9 |
| 9 | नटवकस टेकनीशियन | 0 | ں | U U | 2/3 | 201 | 12 | 210 | 201 | 12 | 10.00 | 0 | 0 | 0 | 294 | 157 | 137 | 294 | 157 | 137 | 53.40 | 63.14 | |
| 10 | <i>ध्यन</i> ारायन आशुलिपि | 273 | 206 | 67 | 21 | 13 | | 294 | 219 | 75 | 74.49 | | | | | | | | | | | 63.14 | " |
| .0 | वार्गुलाप वग्रेजी | 215 | 200 | 07 | 21 | 61 | ° | 201 | 2.0 | | 11.10 | 273 | 149 | 124 | 21 | 7 | 14 | 294 | 156 | 138 | 53.06 | 63.78 | 12 |
| | | | I | I | I | | | | | | | I | | | | L | | I | L | | I | 63.18 | 12 |

As can be seen from this analysis the Computer aided embroidery and needle work trade has an average intake of 29.5%. This figure is very poor and something needs to be done to correct this.

ITI opening criteria:

We can open new ITI's but work should also be done with regards to increasing the number of seats in existing ITI's which have the capacity to expand.

1. In ITI's you have 3 shifts in which the units have to be run. But in reality only 2 or less shifts are being run. We can look into the possibility of increasing the number of shifts to 3 so that the working population per seat is reduced. So instead of making large scale investments in terms of land, building and equipment one can look at smaller incremental expenditures on the existing expenditure to improve on the paucity of seats. By increasing one more shift we can hope for a straight line

method increase of 33 % seats. This could be achieved by hiring just one more faculty per trade.

- 2. SCVT courses seem to have limited impact on the career and are not considered by the Govt. The best solution is to let SCVT candidates appear as private candidates for the NCVT conducted examinations and thus give them a chance to apply for better jobs or for the coveted government jobs.
- 3. In COE only one unit seems to be running in UP. We could push for a second unit to be run so that it would benefit the students and increase the capacity. It is possible to design the timetable in such a way as to maximize the number of students with few overlaps of lectures.
- 4. Increase the number of CTS and ATS seats so that maximum skilled workers pass out of ITI's as only an ITI certificate leads to a semi-skilled classification rather than skilled classification of labour.
- 5. The condition to have at least one degree holder as an instructor is a good one as only such people can instil professionalism in the students. But in the future a person with a Bachelor of vocational education can be considered instead of a B.E. or a diploma.

However looking at the geographical disparity one can look at opening new ITI's. We have developed a template to indicate where new ITI's must be opened based on a ranking created on multiple demographic factors.

| District | no. of ITI required based on 1 iti per lakh populati on | Shortf all of ITI's - if positiv e indicat es excess - based on area | Shortfal I based on populati on - positive indicate s excess | Per GITI seat populati on - highest is rank 1 | Per GITI and PITI seat populati on - highest gets rank 1 | ITI opening rank - lower rank requires immeidi ate opening of ITI | Rank to increa se seats in existi ng iti's |
|--|---|--|---|--|---|--|--|
| Balrampur, Uttar Pradesh, India | 21 | -5 | -19 | 10332 | 8666 | 4 | 1 |
| Unnao, Uttar Pradesh, India | 31 | -6 | -27 | 5803 | 5326 | 8 | 2 |
| Auraiya, | 13 | -3 | -11 | 21442 | 10721 | 2 | 2 |



| Uttar Dradaah | | | | | | | |
|------------------|----|-----|-----|-------|------|----|----|
| Pradesh, | | | | | | | |
| India | 10 | | 24 | | 2074 | | |
| Hardoi, Uttar | 40 | -7 | -34 | 5559 | 3874 | 1 | 4 |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Siddharth | 25 | -2 | -21 | 9252 | 3869 | 11 | 4 |
| Nagar, Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Budaun, | 37 | -2 | -28 | 6314 | 3612 | 12 | 6 |
| Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Maharajganj, | 26 | -4 | -23 | 6407 | 4899 | 10 | 7 |
| Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Ramabai | 17 | -3 | -13 | 18699 | 6233 | 4 | 8 |
| Nagar, Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Bahraich, | 34 | -6 | -29 | 4700 | 4007 | 9 | 9 |
| Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Kannauj, | 16 | -4 | -15 | 7971 | 7971 | 3 | 9 |
| Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Moradabad, | 47 | 12 | -27 | 8230 | 1956 | 18 | 11 |
| Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Kheri, Uttar | 40 | -12 | -36 | 4420 | 3448 | 7 | 12 |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Sitapur, Uttar | 44 | -7 | -39 | 4566 | 3379 | 6 | 12 |
| Pradesh, | | | | | _ | | |
| India | | | | | | | |
| Kushinagar, | 35 | 4 | -25 | 4636 | 3168 | 15 | 14 |
| Uttar | | - | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Shahjahanpur | 30 | -5 | -25 | 3507 | 2519 | 14 | 15 |
| Jhanjananpul | 50 | -5 | -23 | 3307 | 2712 | 74 | T) |



| | | | | | [| | |
|---------------|----|----|-----|------|------|----|----|
| , Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Barabanki, | 32 | 6 | -17 | 5359 | 1794 | 22 | 15 |
| Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Muzaffarnaga | 41 | 16 | -16 | 7779 | 1363 | 32 | 17 |
| r, Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Pratapgarh, | 31 | 5 | -18 | 3796 | 2248 | 20 | 18 |
| Uttar | 51 | 5 | 10 | 5750 | 2240 | 20 | 10 |
| | | | | | | | |
| Pradesh, | | | | | | | |
| India | 24 | 4 | 24 | 2706 | 4744 | 24 | 10 |
| Gonda, Uttar | 34 | 1 | -24 | 3796 | 1744 | 21 | 19 |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Sant Kabir | 17 | 6 | -7 | 6593 | 1872 | 25 | 20 |
| Nagar, Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Shrawasti, | 11 | -1 | -8 | 4287 | 3440 | 29 | 21 |
| Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Bijnor, Uttar | 36 | 3 | -23 | 3289 | 1771 | 19 | 22 |
| Pradesh, | | - | - | | | - | |
| India | | | | | | | |
| Rae Bareli, | 34 | 6 | -18 | 3995 | 1550 | 28 | 23 |
| Uttar | 34 | 0 | 10 | 3333 | 1000 | 20 | 25 |
| Pradesh, | | | | | | | |
| | | | | | | | |
| India | 10 | 4 | 16 | 2070 | 2070 | 10 | 24 |
| Mainpuri, | 18 | -4 | -16 | 3079 | 3079 | 13 | 24 |
| Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Firozabad, | 24 | 11 | -8 | 7093 | 1458 | 26 | 24 |
| Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Banda, Uttar | 17 | -4 | -11 | 3308 | 2295 | 16 | 26 |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Sant Ravidas | 15 | 7 | -5 | 8831 | 1331 | 33 | 27 |



| Nagar Littar | | | | | | | |
|-----------------|----|----|-----|-------|------|----|----|
| Nagar, Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Baghpat, | 13 | 8 | -2 | 20346 | 1146 | 35 | 28 |
| Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Kaushambi, | 15 | 4 | -7 | 4990 | 1452 | 31 | 29 |
| Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Kanshiram | 14 | 6 | -4 | 9987 | 1083 | 42 | 29 |
| Nagar, Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Ghaziabad, | 46 | 32 | -11 | 12267 | 512 | 39 | 29 |
| Uttar | 40 | 52 | | 12207 | 512 | 55 | 25 |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| | 20 | -3 | 15 | 2601 | 2204 | 24 | 32 |
| Pilibhit, Uttar | 20 | -5 | -15 | 2681 | 2294 | 24 | 52 |
| Pradesh, | | | | | | | |
| India | 20 | 10 | | 2012 | 4750 | 26 | 22 |
| Deoria, Uttar | 30 | 10 | -14 | 2912 | 1753 | 36 | 33 |
| Pradesh, | | | | | | | |
| India | | | | | | | _ |
| Fatehpur, | 26 | 1 | -16 | 2992 | 1397 | 37 | 34 |
| Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Bareilly, Uttar | 44 | 13 | -22 | 2390 | 1183 | 50 | 35 |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Chandauli, | 19 | 17 | 4 | 8717 | 739 | 44 | 35 |
| Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Hamirpur, | 11 | -5 | -7 | 3067 | 1704 | 27 | 37 |
| Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Lalitpur, | 12 | -9 | -10 | 2086 | 2086 | 17 | 38 |
| Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| | 23 | 4 | -14 | 2115 | 1578 | 43 | 38 |
| Rampur, | 23 | 4 | -14 | 2112 | 13/9 | 43 | 30 |

| Uttar Pradesh, | | | | | | | |
|--|----|----|-----|-------|------|----|----|
| India | | | | | | | |
| Basti, Uttar Pradesh, India | 24 | 4 | -14 | 2822 | 1202 | 40 | 38 |
| Etawah, Uttar Pradesh, India | 15 | -1 | -11 | 1935 | 1732 | 29 | 41 |
| Mahamaya Nagar, Uttar Pradesh, India | 15 | 9 | -2 | 4893 | 874 | 48 | 41 |
| Mau, Uttar Pradesh, India | 22 | 22 | 4 | 4922 | 881 | 41 | 41 |
| Chitrakoot, Uttar Pradesh, India | 9 | -1 | -3 | 3347 | 1353 | 34 | 44 |
| Sonbhadra, Uttar Pradesh, India | 18 | 9 | 5 | 11641 | 448 | 47 | 44 |
| Farrukhabad, Uttar Pradesh, India | 18 | 4 | -9 | 2681 | 1396 | 38 | 44 |
| Jalaun, Uttar Pradesh, India | 16 | -5 | -11 | 1816 | 1644 | 23 | 47 |
| Ambedkar Nagar, Uttar Pradesh, India | 23 | 31 | 13 | 6182 | 805 | 49 | 48 |
| Aligarh, Uttar Pradesh, India | 36 | 24 | -4 | 2775 | 902 | 51 | 49 |
| Jyotiba Phule Nagar, Uttar Pradesh, India | 18 | 10 | -3 | 3355 | 672 | 55 | 50 |
| Azamgarh, Uttar Pradesh, | 46 | 43 | 6 | 3405 | 698 | 53 | 51 |



| India | | | | | | | |
|---|----|----|----|------|------|----|----|
| Kanpur Nagar, Uttar Pradesh, India | 45 | 31 | -7 | 1850 | 879 | 52 | 52 |
| Jhansi, Uttar Pradesh, India | 20 | 1 | -8 | 1463 | 830 | 45 | 53 |
| Mahoba, Uttar Pradesh, India | 8 | -3 | -4 | 1129 | 1084 | 46 | 54 |
| Agra, Uttar Pradesh, India | 43 | 50 | 16 | 3094 | 799 | 56 | 55 |
| Sultanpur, Uttar Pradesh, India | 37 | 43 | 16 | 4033 | 480 | 61 | 55 |
| Saharanpur, Uttar Pradesh, India | 34 | 30 | 4 | 2868 | 680 | 57 | 57 |
| Gorakhpur, Uttar Pradesh, India | 44 | 38 | 1 | 2550 | 778 | 59 | 57 |
| Etah, Uttar Pradesh, India | 17 | 16 | 5 | 3079 | 601 | 65 | 57 |
| Ballia, Uttar Pradesh, India | 32 | 33 | 8 | 3041 | 729 | 60 | 60 |
| Faizabad, Uttar Pradesh, India | 24 | 58 | 39 | 3673 | 481 | 68 | 61 |
| Meerut, Uttar Pradesh, India | 34 | 21 | -7 | 1792 | 529 | 64 | 62 |
| Allahabad, Uttar Pradesh, India | 59 | 79 | 32 | 3304 | 544 | 54 | 63 |
| Jaunpur, | 44 | 79 | 44 | 4207 | 299 | 67 | 64 |



| Uttar | | | | | | | |
|---------------------|------------|----|----|------|-----|-----|-----|
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Ghazipur, | 36 | 80 | 51 | 3990 | 421 | 66 | 64 |
| Uttar | 50 | | | 0000 | | | 0. |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Bulandshahar | 34 | 31 | 7 | 2176 | 692 | 63 | 66 |
| | 34 | 51 | , | 21/0 | 052 | 05 | 00 |
| , Ottar Pradesh, | | | | | | | |
| India | | | | | | | |
| Lucknow, | 45 | 49 | 10 | 2063 | 667 | 58 | 67 |
| Uttar | 15 | 15 | 10 | 2005 | 007 | 50 | 07 |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Mathura, | 25 | 65 | 47 | 3276 | 338 | 71 | 67 |
| Uttar | 25 | 00 | | 5270 | 550 | / 1 | 07 |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Mirzapur, | 24 | 28 | 14 | 2609 | 327 | 70 | 69 |
| Uttar | 2 7 | 20 | 17 | 2005 | 527 | 70 | 05 |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Gautam | 16 | 20 | 7 | 1861 | 388 | 62 | 70 |
| Buddha | 10 | 20 | , | 1001 | 500 | 02 | /0 |
| Nagar, Uttar | | | | | | | |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| Varanasi, | 36 | 60 | 28 | 2404 | 376 | 69 | 71 |
| Uttar | 50 | 00 | 20 | 2707 | 570 | 55 | / 1 |
| Pradesh, | | | | | | | |
| India | | | | | | | |
| inuia | | | | | | | |

A method is proposed to increase the number of seats from the current 45000 to 80000 as follows:

The idea is : Target - double the seats for the top 20 ranks under the seat increase category, 1.5 times in the top 45 and 1.25 times in the top 60 - Target 80000 seats across UP. We propose such a methodology keeping in mind the existing infrastructure of each district. We have given only a basic guideline. Another practical implementation could be to focus on the top 20 ranked districts in the current year as they need urgent improvement. Then in the coming years focus on the next few ranked districts in bands of 20 ranks each year. For a look at which schemes to depend on in each district while opening ITI's please have a look at the appendix.



| District | ITI openin g rank - lower rank require s immeid iate openin g of ITI | Rank to incre ase seats in existi ng iti's | Existi ng num ber of GITI seats | Existi ng numb er of GITI and PITI seats | Target - double the seats in the top 20, 1.5 times in the top 45 and 1.25 times in the top 60 - Target 80000 seats across UP | Differe nce in seats - Numbe r of seats to be create d | Ne w ITI' S to be op en ed | Year 1 seat creati on(GI TI) (50% of shortf all) | Yea r 2 sea t cre ati on (25 % of sho rtfa II) | Year 3 seat creati on (12.5 % of shortf all) | Year 4 seat creation(Rem aining) |
|---|--|--|---|---|--|--|--|--|--|---|--|
| Balrampu r, Uttar Pradesh, India | 4 | 1 | 208 | 247 | 416 | 208 | 1 | 104 | 52 | 26 | 26 |
| Auraiya, Uttar Pradesh, India | 8 | 2 | 536 | 584 | 1072 | 536 | 4 | 268 | 134 | 67 | 67 |
| Unnao, Uttar Pradesh, India | 2 | 2 | 63 | 127 | 126 | 63 | 1 | 31 | 15 | 7 | 10 |
| Siddharth Nagar, Uttar Pradesh, India | 1 | 4 | 735 | 1056 | 1470 | 735 | 4 | 367 | 183 | 91 | 94 |
| Hardoi, Uttar Pradesh, India | 11 | 4 | 275 | 659 | 550 | 275 | 2 | 137 | 68 | 34 | 36 |
| Budaun, Uttar Pradesh, India | 12 | 6 | 588 | 1027 | 1176 | 588 | 5 | 294 | 147 | 73 | 74 |
| Maharajg anj, Uttar Pradesh, India | 10 | 7 | 415 | 544 | 830 | 415 | 2 | 207 | 103 | 51 | 54 |
| Ramabai Nagar, Uttar Pradesh, India | 4 | 8 | 95 | 287 | 190 | 95 | 2 | 47 | 23 | 11 | 14 |
| Kannauj, Uttar Pradesh, | 9 | 9 | 740 | 868 | 1480 | 740 | 5 | 370 | 185 | 92 | 93 |



| India | | | | | | | | | | | |
|---------------|----|----|-----|------|------|-----|---|-----|-----|-----|-----|
| Bahraich, | 3 | 9 | 208 | 208 | 416 | 208 | 1 | 104 | 52 | 26 | 26 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Moradab | 18 | 11 | 579 | 2440 | 1158 | 579 | 7 | 289 | 144 | 72 | 74 |
| ad, Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Sitapur, | 7 | 12 | 908 | 1164 | 1816 | 908 | 4 | 454 | 227 | 113 | 114 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Kheri, | 6 | 12 | 979 | 1324 | 1958 | 979 | 4 | 489 | 244 | 122 | 124 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Kushinaga | 15 | 14 | 768 | 1123 | 1536 | 768 | 4 | 384 | 192 | 96 | 96 |
| r, Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Barabanki | 14 | 15 | 856 | 1191 | 1712 | 856 | 4 | 428 | 214 | 107 | 107 |
| , Uttar | | | | | | | | | | | |
| , Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Shahjaha | 22 | 15 | 607 | 1816 | 1214 | 607 | 4 | 303 | 151 | 75 | 78 |
| npur, | | | | | | | | | | | |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Muzaffar | 32 | 17 | 532 | 3036 | 1064 | 532 | 4 | 266 | 133 | 66 | 67 |
| nagar, | | | | | | | | | | | |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Pratapgar | 20 | 18 | 836 | 1411 | 1254 | 418 | 2 | 209 | 104 | 52 | 53 |
| h, Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Gonda, | 21 | 19 | 903 | 1967 | 1806 | 903 | 3 | 451 | 225 | 112 | 115 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Sant Kabir | 25 | 20 | 260 | 915 | 390 | 130 | 1 | 65 | 32 | 16 | 17 |
| Nagar, | | | | | | | | | | | |



| Uttar | | | | | | | | | | | |
|------------------|----|----|------|------|------|-----|---|-----|-----|-----|-----|
| Pradesh, | | | | | | | | | | | |
| India | 29 | 21 | 259 | 324 | 389 | 130 | 1 | 65 | 32 | 16 | 17 |
| Shrawasti | 29 | 21 | 259 | 524 | 203 | 150 | 1 | 05 | 52 | 10 | 17 |
| , Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Bijnor, | 19 | 22 | 1120 | 2080 | 1680 | 560 | 2 | 280 | 140 | 70 | 70 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Rae | 28 | 23 | 852 | 2196 | 1704 | 852 | 2 | 426 | 213 | 106 | 107 |
| Bareli, | | | | | | | | | | | |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Firozabad | 13 | 24 | 599 | 599 | 749 | 150 | 0 | 75 | 37 | 18 | 20 |
| , Uttar | | | | | | | | | | | |
| , Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Mainpuri, | 26 | 24 | 352 | 1712 | 528 | 176 | 1 | 88 | 44 | 22 | 22 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Banda, | 16 | 26 | 543 | 784 | 1086 | 543 | 4 | 271 | 135 | 67 | 70 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Sant | 33 | 27 | 175 | 1167 | 263 | 88 | 1 | 44 | 22 | 11 | 11 |
| Ravidas | | | | | | | | | | | |
| | | | | | | | | | | | |
| Nagar, Uttar | | | | | | | | | | | |
| | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | 35 | 28 | 64 | 1136 | 96 | 32 | 0 | 16 | 8 | 4 | 4 |
| Baghpat, | 20 | | | | | | Ũ | | ~ | | - |
| Uttar Dradaah | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | 31 | 29 | 320 | 1099 | 480 | 160 | 0 | 80 | 40 | 20 | 20 |
| Ghaziaba | 21 | 23 | 320 | 1023 | 400 | 100 | 0 | 00 | 40 | 20 | 20 |
| d, Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | 105- | | | | | 4.6 | | |
| Kanshira | 42 | 29 | 144 | 1327 | 216 | 72 | 1 | 36 | 18 | 9 | 9 |
| m Nagar, | | | | | | | | | | | |
| Uttar | | | | | | | | | | | |



| Pradesh, | | | | | | | | | | | |
|--------------------|----|----|------|------|------|-----|---|------|-----|-----|-----|
| India | | | | | | | | | | | |
| Kausham | 39 | 29 | 379 | 9104 | 569 | 190 | 2 | 95 | 47 | 23 | 25 |
| bi, Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Pilibhit, | 24 | 32 | 759 | 888 | 1518 | 759 | 4 | 379 | 189 | 94 | 97 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Deoria, | 36 | 33 | 1064 | 1767 | 1330 | 266 | 1 | 133 | 66 | 33 | 34 |
| Uttar | | | | | | | | | | | |
| | | | | | | | | | | | |
| Pradesh, India | | | | | | | | | | | |
| | 37 | 34 | 879 | 1884 | 1319 | 440 | 2 | 220 | 110 | 55 | 55 |
| Fatehpur, Uttar | | | _ | - | | | | | - | | |
| | | | | | | | | | | | |
| Pradesh, India | | | | | | | | | | | |
| | 50 | 35 | 1868 | 3774 | 2802 | 934 | 3 | 467 | 233 | 116 | 118 |
| Chandauli | 50 | 00 | 1000 | 0771 | 2002 | 50. | | 107 | 200 | | |
| , Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | 44 | 35 | 224 | 2642 | 336 | 112 | 0 | 56 | 28 | 14 | 14 |
| Bareilly, | | 33 | | 2012 | 550 | 112 | Ŭ | 50 | 20 | 11 | 1. |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | 27 | 37 | 359 | 647 | 539 | 180 | 1 | 90 | 45 | 22 | 23 |
| Hamirpur, | 27 | 57 | 333 | 017 | 555 | 100 | - | 50 | 15 | | 20 |
| Uttar Dradach | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | 17 | 38 | 583 | 583 | 1166 | 583 | 3 | 291 | 145 | 72 | 75 |
| Basti, | 17 | 50 | 565 | 565 | 1100 | 565 | 5 | 231 | 145 | 12 | 75 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | 43 | 38 | 1104 | 1479 | 1380 | 276 | 1 | 138 | 69 | 34 | 35 |
| Rampur, | 45 | 50 | 1104 | 14/9 | 1200 | 270 | | 120 | 09 | 54 | 33 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | 40 | 20 | 072 | 2047 | 1200 | 420 | 4 | 24.0 | 100 | 54 | |
| Lalitpur, | 40 | 38 | 872 | 2047 | 1308 | 436 | 1 | 218 | 109 | 54 | 55 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | 20 | 44 | 010 | 011 | 016 | 0 | | | | | |
| Mau, | 29 | 41 | 816 | 911 | 816 | 0 | 0 | 0 | 0 | 0 | 0 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |



| India | | | | | | | | | | | |
|--------------------|----|-----|-------------|------|------|-----|---|-----|------|-----|-------|
| Mahamay | 48 | 41 | 319 | 1791 | 399 | 80 | 0 | 40 | 20 | 10 | 10 |
| a Nagar, | | | | | | | | | | | |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Etawah, | 41 | 41 | 448 | 2503 | 560 | 112 | 0 | 56 | 28 | 14 | 14 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Sonbhadr | 34 | 44 | 295 | 732 | 443 | 148 | 1 | 74 | 37 | 18 | 19 |
| | | | | | | | | | | | |
| a, Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India Chitrakoo | 47 | 44 | 160 | 4157 | 320 | 160 | 2 | 80 | 40 | 20 | 20 |
| Chitrakoo | | - | | | | | | | | | - |
| t, Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | 38 | 44 | 704 | 1352 | 880 | 176 | 0 | 88 | 44 | 22 | 22 |
| Farrukhab | 50 | | 701 | 1552 | 000 | 170 | Ū | 00 | | | |
| ad, Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | 23 | 47 | 919 | 1016 | 1149 | 230 | 1 | 115 | 57 | 28 | 30 |
| Jalaun, | 25 | -77 | 515 | 1010 | 1145 | 230 | - | 115 | 57 | 20 | 50 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | 10 | 40 | 200 | 2070 | 405 | 07 | 1 | 40 | 24 | 12 | 12 |
| Ambedka | 49 | 48 | 388 | 2979 | 485 | 97 | 1 | 48 | 24 | 12 | 13 |
| r Nagar, | | | | | | | | | | | |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | 54 | 10 | 4222 | 4070 | 1005 | 662 | 2 | 224 | 4.65 | 0.2 | - 0.1 |
| Aligarh, | 51 | 49 | 1323 | 4073 | 1985 | 662 | 2 | 331 | 165 | 82 | 84 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | 50 | F 10 | 2722 | 605 | 427 | | | ~ . | 47 | 10 |
| Jyotiba | 55 | 50 | 548 | 2736 | 685 | 137 | 0 | 68 | 34 | 17 | 18 |
| Phule | | | | | | | | | | | |
| Nagar, | | | | | | | | | | | |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | 50 | | 10 | | | | | | | | |
| Azamgarh | 53 | 51 | 1355 | 6613 | 2033 | 678 | 2 | 339 | 169 | 84 | 86 |
| , Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |



| | 50 | 50 | 2474 | 5202 | 2474 | | | 0 | 0 | 0 | |
|----------------------|----|----|------|------|------|-----|---|-----|-----|----|----|
| Kanpur | 52 | 52 | 2471 | 5202 | 2471 | 0 | 0 | 0 | 0 | 0 | 0 |
| Nagar, | | | | | | | | | | | |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Jhansi, | 45 | 53 | 1367 | 2410 | 1367 | 0 | 1 | 0 | 0 | 0 | 0 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Mahoba, | 46 | 54 | 775 | 808 | 969 | 194 | 1 | 97 | 48 | 24 | 25 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| | 56 | 55 | 1415 | 5482 | 2123 | 708 | 2 | 354 | 177 | 88 | 89 |
| Sultanpur , Uttar | | | _ | | _ | | | | | | |
| | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | 61 | 55 | 939 | 7897 | 1174 | 235 | 2 | 117 | 58 | 29 | 31 |
| Agra, | 01 | 55 | 333 | 7657 | 11/4 | 233 | 2 | 11/ | 20 | 25 | 51 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | 4207 | 5004 | 4500 | 202 | | 454 | 75 | 27 | 20 |
| Etah, | 57 | 57 | 1207 | 5094 | 1509 | 302 | 1 | 151 | 75 | 37 | 39 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Gorakhpu | 59 | 57 | 1739 | 5702 | 1739 | 0 | 0 | 0 | 0 | 0 | 0 |
| r, Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Saharanp | 65 | 57 | 571 | 2930 | 571 | 0 | 0 | 0 | 0 | 0 | 0 |
| ur, Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Ballia, | 60 | 60 | 1060 | 4422 | 1060 | 0 | 0 | 0 | 0 | 0 | 0 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Faizabad, | 68 | 61 | 672 | 5131 | 840 | 168 | 0 | 84 | 42 | 21 | 21 |
| Uttar | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |
| Meerut, | 64 | 62 | 1923 | 6516 | 1923 | 0 | 0 | 0 | 0 | 0 | 0 |
| Uttar | | | | | | | | | | | |
| | | | | | | | | | | | |
| Pradesh, | | | | | | | | | | | |
| India | | | | | | | | | | | |



| Allahabad , Uttar Pradesh, India | 54 | 63 | 1803 | 10955 | 2705 | 902 | 2 | 451 | 225 | 112 | 114 |
|--|----|----|------|-------|------|-----|---|-----|-----|-----|-----|
| Jaunpur, Uttar Pradesh, India | 67 | 64 | 1063 | 14970 | 1595 | 532 | 2 | 266 | 133 | 66 | 67 |
| Ghazipur, Uttar Pradesh, India | 66 | 64 | 907 | 8605 | 1361 | 454 | 1 | 227 | 113 | 56 | 58 |
| Bulandsh ahar, Uttar Pradesh, India | 63 | 66 | 1607 | 5055 | 1607 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mathura, Uttar Pradesh, India | 58 | 67 | 2224 | 6879 | 2224 | 0 | 0 | 0 | 0 | 0 | 0 |
| Lucknow, Uttar Pradesh, India | 71 | 67 | 775 | 7520 | 969 | 194 | 1 | 97 | 48 | 24 | 25 |
| Mirzapur, Uttar Pradesh, India | 70 | 69 | 956 | 7628 | 1195 | 239 | 0 | 119 | 59 | 29 | 32 |
| Gautam Buddha Nagar, Uttar Pradesh, India | 62 | 70 | 899 | 4316 | 899 | 0 | 0 | 0 | 0 | 0 | 0 |

Implementation of centralized purchasing system:

- Gather requirement from every ITI for equipment and raw materials every 6 months or one year. You can simplify this process by creating a portal where each ITI can send in its requirements for that time period. This can be done through simple online form filling or through email if a portal does not exist.
- The requirements sent in by the ITI's must first be approved by a committee. The structure and powers of the committee are explained further down. Only approved

items can be collated into the total requirement for that particular zone (explained below).

- Divide the state into zones consisting of 3 districts each which are located nearby. Identify prospective vendors for each zone for each of the trades concerned for which the raw material will be required. We suggest the zonal scheme only for items that are of a lower cost as transport costs would nullify the savings that can be made if we had a centralized scheme. A centralized scheme can be implemented for more expensive equipment and raw material and is stated below.
- This identification of vendors can be done through advertising and ensuring that the vendors that qualify to the next stage have the necessary minimum experience and can deliver the required quantity and quality. They should have been in business for a minimum number of years, should have a turnover of minimum amount and must have successfully executed orders of certain size. These parameters can be decided by a committee as described below. These selected vendors from each district are the only ones eligible for sending in tenders every 6 months i.e. they form a pre-selected group of vendors for that particular group of equipment or raw materials. After every 2 years this prospective set of vendors should be updated by allowing newer vendors who can meet the minimum requirements. This method would require advertising every 2 years for inviting vendors. Problem with this alternative could be the creation of a bias for this pre-selected group of vendors or even carteling and lobbying by this group of vendors.
- Another alternative to the above is to do tendering once every 2 years and have all prospective vendors apply for the tendering process i.e. there will be no concept of pre-selected group of vendors for each related group of equipment or trades. All prospective vendors can send in sealed tenders but only those that meet the requirements as mentioned above will be eligible for final round. But this would mean that the same vendor should be given the tender for the whole 2 years. In the above alternative you could change the vendor every 6 months by selecting another vendor from the pre-selected group of vendors but in this alternative you will be stuck with this vendor for the whole two years.
- Then invite tenders electronically for equipment only from the qualified vendors from each of the zones. Automatic lowest price discovery is possible through this route for equipment.
- You can create a tender portal or if no portal exists invite tenders to the principal secretaries email id with a copy sent to every member in the committee to avoid any misappropriation by a single person.
- To oversee the tender and fund release process create a committee consisting of 2 IAS officers, 2 randomly selected principals, 2 randomly selected DDO's, 2 retired bureaucrats and 2 officers from the directorate. The random selection of principals and DDO's will be at the discretion of the IAS officers. Apart from the 2 IAS officers the Principal Secretary will be the chairman of the committee and he will resolve any ties. The officers of the directorate can be changed every 2 years and the

retired bureaucrats every 2 years. The IAS officers will have to be changed every 3 years. The principals and DDO's can be selected every 6 months and their positions should be kept secret. In case of any disputes in the committee a voting shall be undertaken and a simple majority will ensure a motion is passed. Every person on the committee should have equal voting power.

Note: Every committee must have odd number of people to resolve ties. Also the 2 retired bureaucrats have been added because they would bring in their experience and an outside perspective. Their services will not be free and their appointment mechanism will be through the government. Time and cost benefit analysis could be undertaken to decide whether the two bureaucrats need to be included. It is left to the discretion of the principal secretary to decide on this matter.

- This committee can award contracts based on the tenders received and release funds electronically directly to the bank accounts of the vendors. No physical transfer of cash will be allowed. Only electronic transfers with well documented proof will be allowed so that the process remains transparent. This is done so that no middle men are involved and there is accountability.
- The funds should be released at various stages of completion not at one go. For example the party that wins the contract can get a 10% down payment of the total contract worth. The next 40 % can be paid on milestone based delivery and the remaining 50% can be paid on completion and successful delivery. Proof of successful delivery to be given by principals of ITI's on receipt of equipment at the respective ITI's.
- If the equipment is very expensive then we can have a centralized process instead of having a zonal process. So the vendors have to be identified at the state level and the requirements have to be gathered from all ITI's across the states. Then tenders should be released based on the requirement of the entire state. This process will ensure savings for the government due to economies of scale. A minimum slab must be identified beyond which any item will be bought through the state scheme and not the zonal scheme. For now we are assuming that expensive equipment is anything that costs more than 25000 Rs per unit.
- Once every 2 years a study can be conducted to verify whether the cost incurred due to tender process is rational. This can be done by taking random equipment across all trades and finding out the cost in each district and then arriving at a benchmark maximum price and comparing this price with the price paid in the tender process. This can be carried out once in 2 years to benchmark the tender process.
- A different committee consisting of 1 IAS officer, 1 randomly selected DDO, 1 randomly selected principal, 1 retired bureaucrat and 1 member from the directorate can be formed. Their job is to see whether the tender prices are rational after seeing the data available from the maximum price discovery mechanism and if anything illegal is happening in the functioning of the tender



handling committee, as it is a centralized process with too much power in the hands of one committee. They should have the authority to suggest and implement their findings and action plans on the tender handling committee.

• In case, forming another committee is too much of a hassle this function can be outsourced to any government audit agency or to the CAG who can then look into the matter.

To reduce malpractices in examinations:

There is a lot of cheating taking place in exam centres. Because the exams are not strict students do not work hard, have poor attendance and do not learn much. To end all these malpractices a stronger examination system is a must.

Suggestions:

- The exam centres must be allocated by the centre. District wise allocation leads to a lot of corruption and malpractices go unchecked.
- The examination centres should not be ITI's. The invigilators should not include persons from the ITI system.
- Conduct the exams in polytechnics and governmental inter colleges. The invigilators can be from these institutes as well.
- Also provide better invigilation fees to the invigilators so that they have an incentive to curb malpractices. Currently only Rs 100 is paid to an invigilator for his services. This needs to be increased.
- Have surprise inspections at random exam centres all over the state to ensure that malpractices are reduced.
- Please refer to the appendix for a list of polytechnics and their seating capacity which can be used during examinations.

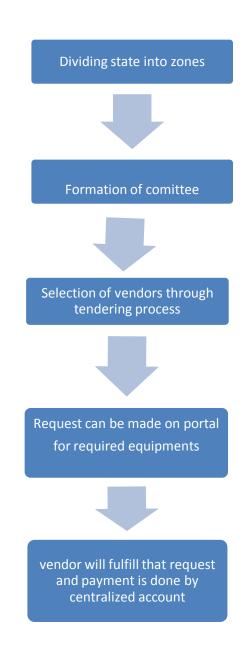
5.2 Flowchart (Strategy) for implementation

1) Recommendation:Implementation of centralized purchasing system

Scope:

Centralized purchasing can be done for heavy equipments as these equipments are not needed frequently. For small equipments and raw materials E-procurement procedure can be implemented. For E-procurement process, a portal and committee must be formed. Committee will work on assigning tenders to vendors in a different zones, as zones can be formed consisting of two or three districts. Committee will consist of 1 IAS officer, 1 randomly selected DDO, 1 randomly selected principal, 1 retired bureaucrat and 1 member from the directorate can be formed.

Flowchart:



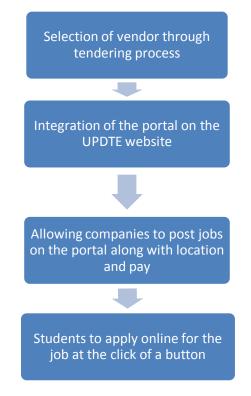
2) Recommendation: Formation of placement Portal

Scope:

This placement portal will be useful for students as well as the companies. As students will come to know what jobs are available, as very few districts have most of the industries, so it is becomes difficult for the student outside those districts to find the job or find the company for apprenticeship. Besides, it will be beneficial for the companies as well, as they can post their jobs online and they can carry out recruitment for their different divisions.



Flowchart:



6. Future Work:

• Data collection from various ITI's

Data collection form consists of from basic information such as physical information like land, buildings to financial information and it also consists of industry linkage if ITI has any. This data will provide list of unserviceable equipments in each ITI, so that they can be replaced and it will also provide the staff details and any vacancies they have. The financial data will reveal how much expenses have occurred and how funds have to be allocated in the future



7. Conclusion

The ITI system has been neglected for a very long time in the state of UP due to a lack of funds and poor industrialization in UP.

The implementation of centralized purchasing system would to a great extent spruce up the quality of infrastructure in ITI's in UP

Due to poor job opportunities there is an urgent need for a placement portal that will be available to students across UP and will enable companies to choose from a wider pool of talent

The instructors need to be up to date with the latest technology as the students are not learning much from instructors with outdated knowledge.

8. References

[1] The Apprentices Act, 1961, Universal Law Publishing (2010)

[2] Financial Report, 2012-2013, Vocational Education Department, DGET Lucknow (2013)

[3] Alia Ali, Vikas Gothalwal, Rajeev Kapoor, Policy for skill development in U.P., DGET Lucknow (2013)

[4] <u>www.dget.nic.in</u>

[5] <u>www.updte.org</u>



9. Appendix A

Meetings and Interviews

Date: 3-4-13

Time: 10:30 AM

Duration of Discussion: 120 minutes

Discussion:

- We have to design four year plan for upgrading existing ITI system in Uttar Pradesh.
- To identify locations for new ITI's and also to determine a funding pattern for them.



- To improve on the geographical disparity as location of ITI is skewed in favor of larger districts.
- Developing a Management information System to gather data from existing ITI's as no data collection system exists currently.
- To remove course disparities as some courses have clashing curriculum.
- To explore the possibilities of opening hostels in existing ITI's

Action Items before next discussion:

- Creating a template for management information system (Week 2)
- A field visit to existing ITI at Aliganj, Lucknow (Week 3)
- Gathering Data from existing ITIs (Week 3- 5)

Date: 15-4-13

Time: 10:30 AM

Duration of Discussion: 90 minutes

Discussion:

- Developed an MIS and modified according to his expectations
- To do thorough analysis to design a policy as where to open new ITI as there is geographical disparity in ITI system
- To study the funding pattern and to find the new ways in which the ITI could be funded
- To study the trade pattern and find out the popularity of the trades and based on this, trades could be merged together or discontinued.
- Analysis of curriculum of these trades to be done to match it with the market expectation

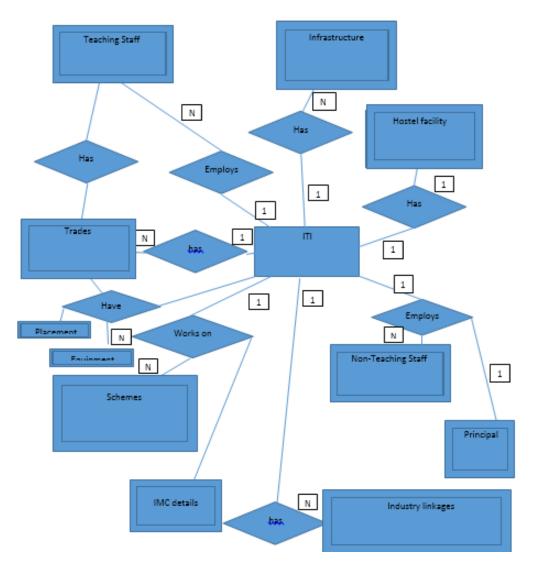
Action Items before next discussion:

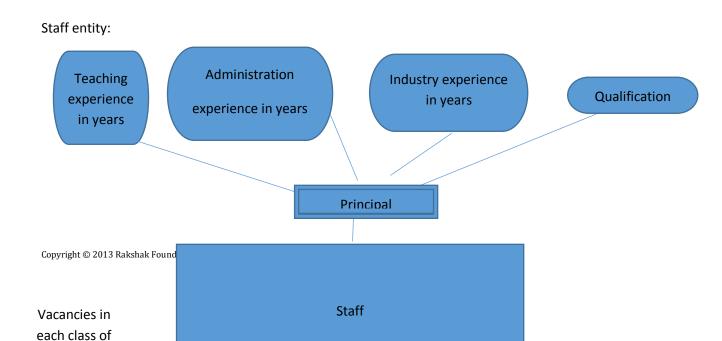
- Formation of policy to open new ITI's (Week 3)
- Finding out new ways to fund ITI's (Week 4)
- Gathering Data from existing ITI's (Week 3- 5)

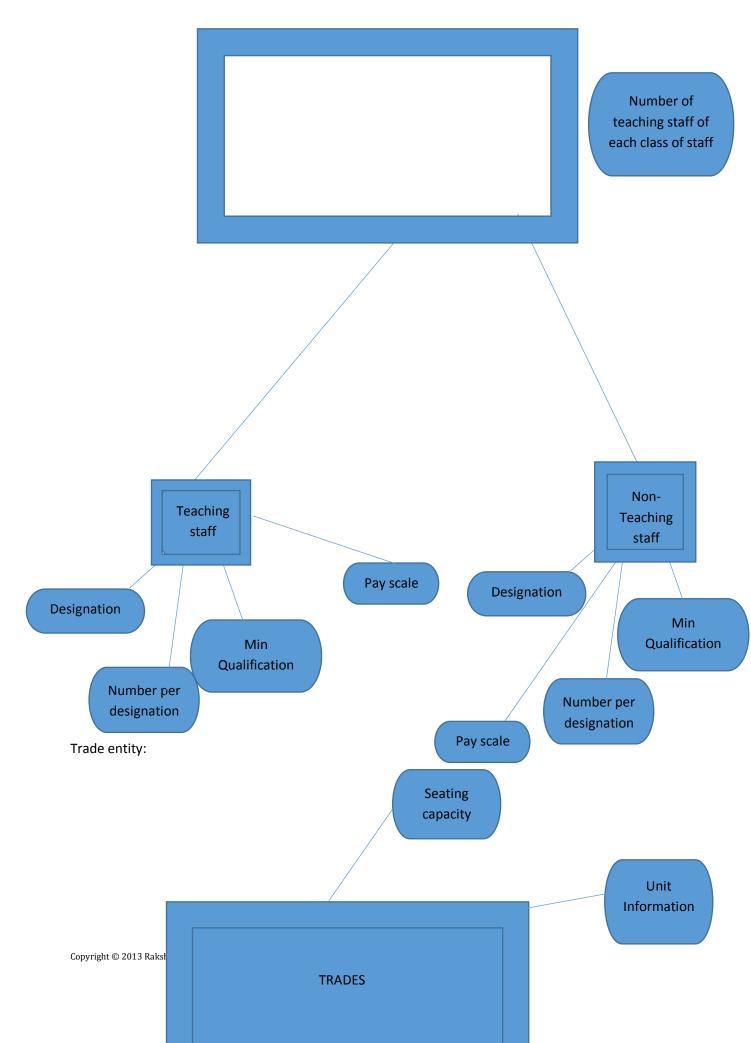
Appendix **B**

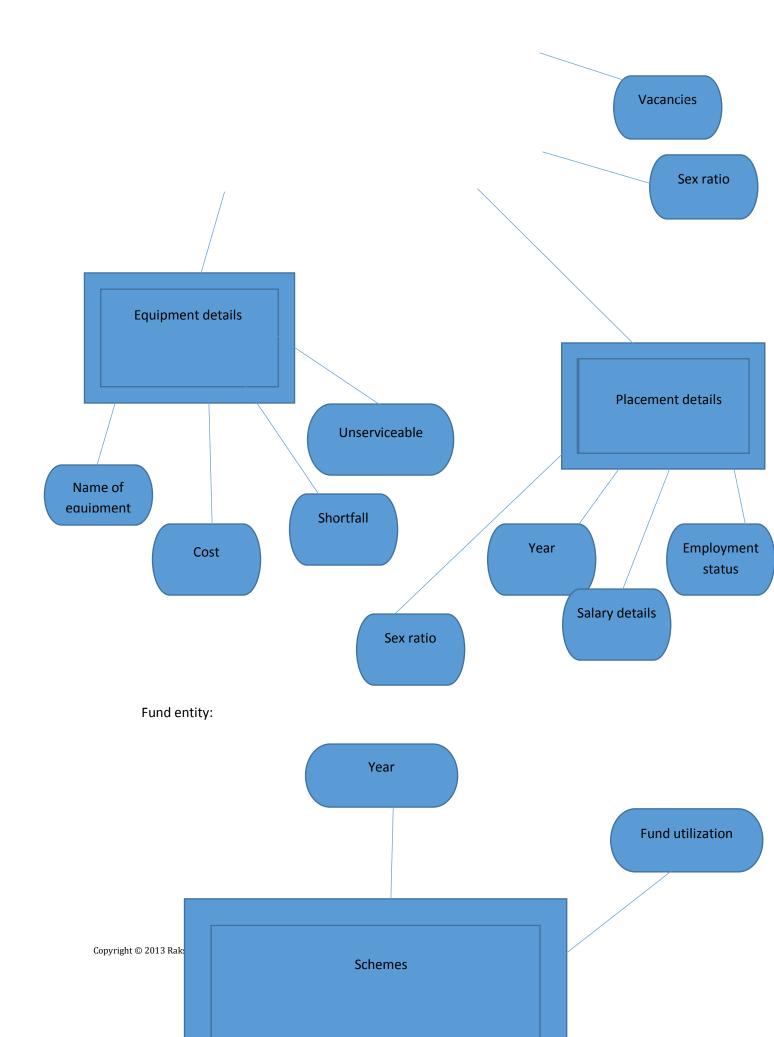
ER diagram depicting the entities and relationships in the ITI Model:

RAKSHAK FOUNDATION

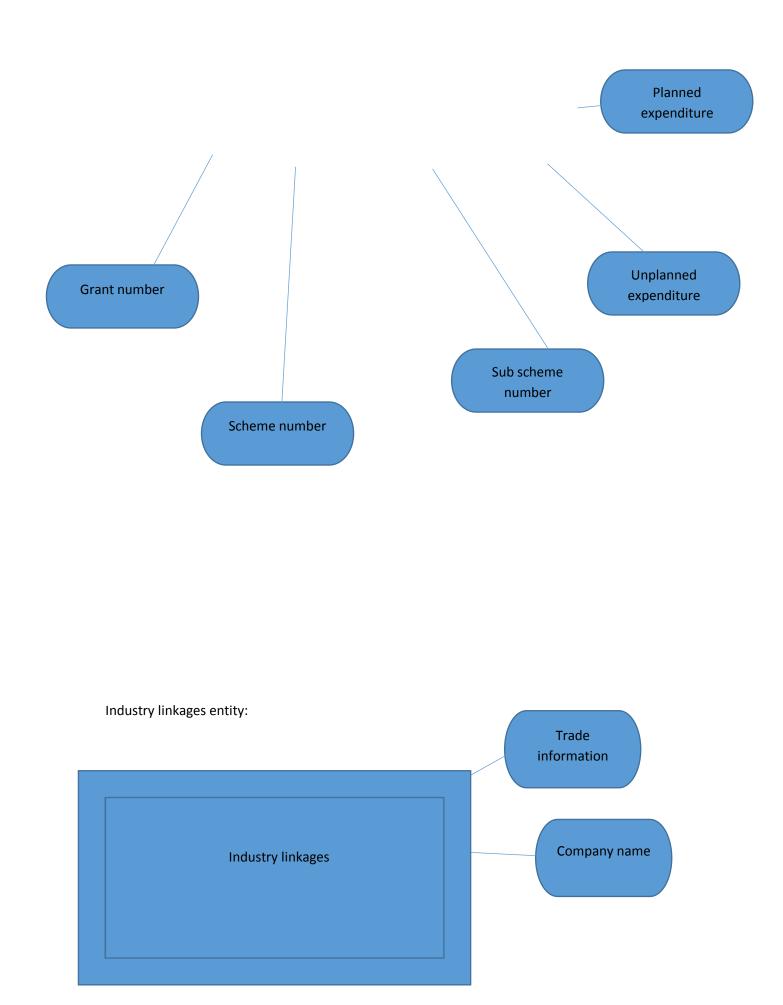


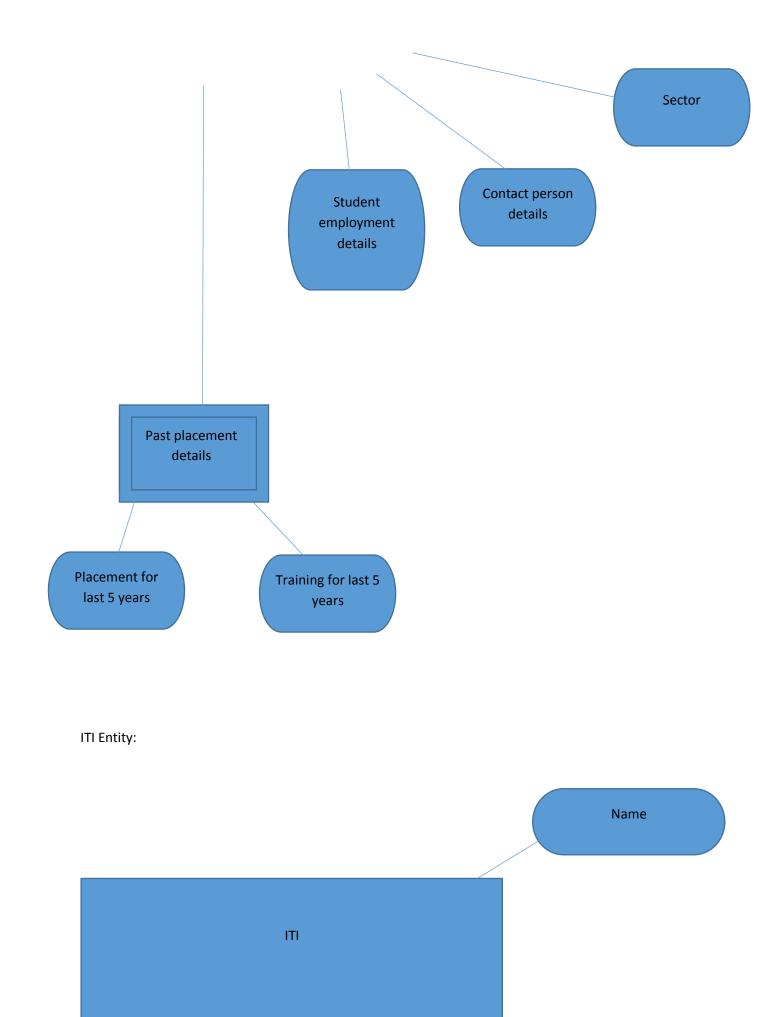


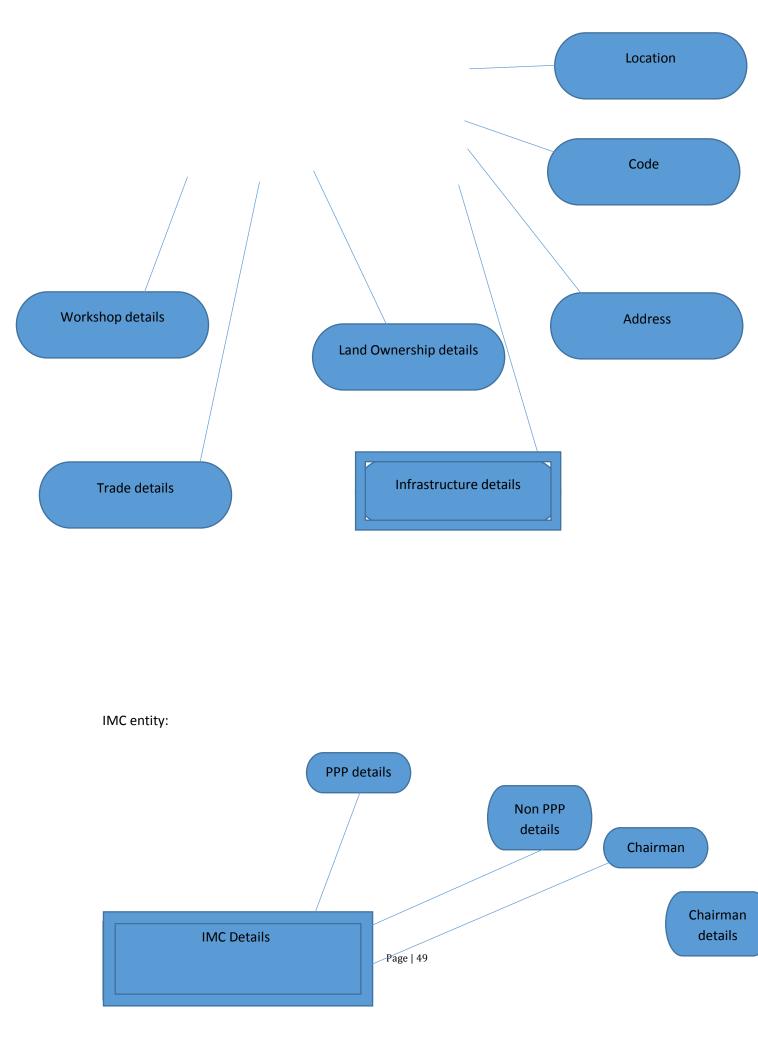


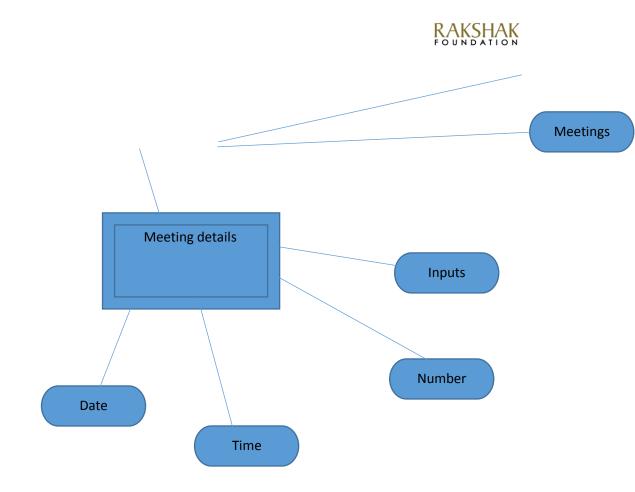




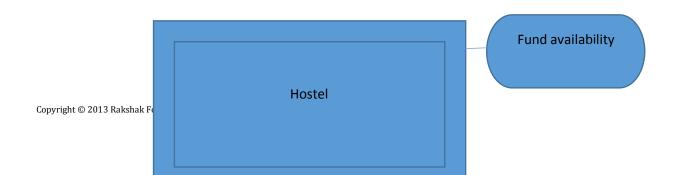








Hostel entity along with its attributes:





Number requiring hostel facility

Snapshot of a part of the final schema developed from the ER diagram:

| Govt. Industri al Training institute | ation Full addres: of Govern ment IT with | 1 | Code | Land owners hip - rented or own or other arrange ment | land in acres | covere d area | building s under constru ction | number of rooms that are not classro | number of classro | Total number of worksh ops | of trades | hment of ITI | t details Landlin | t details - | Contac t details - Fax number | | |
|--|---|--|---------------------------------|--|---|---|---|---|-------------------------|--|--------------|----------------------------|----------------------|----------------|--|--------|---------|
| Name. of. Trade | Origina Seating capoity Excludi ng Supern umerie: | l J Unit s size | Pa Number of units run | seats | of | Number of females | Vacanci | filled by SC | ST | filled by OBC | 9 | handica pped student | III Code | 25 | | Page 9 | Page 13 |
| Equipme Name of Trade | ш. | Effectiv e syllabus of NCVT/ | Number | ery and equipm ent as per NCVT/ SCVT | machin ery and equipm ent as per NCVT/ SCVT | availabl e of Tools, machin ery and equipm ent as | machin ery and equipm ent as per NCVT/ SCVT | | | | | | | | | | |

| Equipme | nt details | Effectiv e syllabus | | | Tools, machiner y and equipme | available of Tools, machiner y and | Tools, machiner | | | | | | | | |
|-----------------------|----------------------|---------------------------|-------------------------|---------------------------------------|--|--|---|--|------|---------------------------------------|----------|--|--|--|---|
| Nane. of Trade | IIL Code | of NCVT/S CVT | Number of units | NCVT/S CVT | | | NCVT/S | | | | | | | | |
| Placemer | nt details | | | | | | | | | | | | | | |
| Name. of. trade | | Number of girls | with salary <5000 | Between 5000 and 10000 pm | Between 10000 and 15000 pm | Beyond 15000 pm | Year - one of 2003- 10,2010- 11,2011- 12 | ts applied for this trade at time of entrance exam | wage | % students self employe d | students | | | | |
| Pass fail | details | | | | | | | | | - | | | | | |
| Irade | Number | filled at | geof | Student to teacher | faculty | ш | | | | | | | | | ļ |
| | or seats on offer | | tne students | | course | code | | | | | | | | | |



Snapshot of the final MIS developed:

Form for fund details:

| Use | rForm8 | | | | x |
|-----|---|----------|---------------------------------------|----------|---|
| | | Yearwise | fund details | | |
| | د Add | d New (|) Modify | C Delete | |
| | Serial no. | 1 | Grant number | | |
| | Scheme number | | Sub scheme number | | |
| | Non planned allocation in Rs. | | Planned allocation in Rs | 5. | |
| | % funds utilized from non-planned allocation | | % funds utilized from p allocation | anned | |
| | Academic Year(Please specify the year) | | ITI Code | | |
| | | Close | Save | | |
| | | | | | |



Form for Physical information:

| UserForm3 | |
|---|--|
| آ م | Physical information Form |
| SI. No. | 1 Name of Govt. ITI |
| Full address of Government ITI with Tehsil, Block and Police station | Email address |
| ITI Code | Total land(acres) |
| Land ownership - rented or own or other arrangement | Total area covered(acres) |
| Number of trades run in ITI | Year of establishment of |
| Number of building that are in construction on the premises | Total number of rooms that are not classrooms |
| Total number of classrooms | Total number of workshops |
| ITI Contact details - landline number | Mobile number |
| Govt. ITI contact details -Fax number | |
| | Close Save |



Form for trade information:

| UserForm4 | | × |
|-----------|---|--|
| | | Trade specific Form |
| | <u>م</u> | dd New C Modify C Delete |
| | Sl. No. | 1 Name of trade |
| | Original Seating capcity - Excluding Supernumeries | Unit size |
| | Number of units run in the trade | Number of seats filled |
| | Number of males | Number of females |
| | Vacancies | Seats filled by SC students |
| | Seats filled by ST students | Seats filled by OBC students |
| | Seats filled by minority students | Seats filled by physically handicapped students |
| • | ITI Code | |
| | | Close Save |



Form for equipment information:

| UserForm5 | | | X |
|---|------------------|----------------|---|
| Heavy E | quipment details | for each trade | |
| Add New | C Modify | C Delete | |
| Serial no. | 1 | Name of trade | |
| Machine name (Only machines costing more than 25000Rs) | | Machine Cost | |
| Number of units | | Weight in Kg | |
| Number unserviceable | | ITI Code | |
| | Close | Save |] |

Form for Staff information:

| UserForm6 | | × |
|---|---|--------------|
| (F Add New) | C Modify | C Delete |
| Serial no. | 1 Designation - Instructor, foreman | |
| Numberof working staff per designation | Pay scale (Basic) | |
| Minimum qualification required for this designation | Number of contractual workers in this designation | on |
| Average industry experience in years of the staff in this designation | Average teaching exper of the staff in years in t designation | ience his |
| I | rade name | |
| | Close Save | |
| | | |



Form for job details:

| UserForm2 | × |
|---|---|
| | Trade-wise job details |
| Add Ne | w O Modify O Delete |
| Sl. No. 1 | Name of trade |
| No. of students with salary < 5000 Rs | Salary between 5000 and 10000 Rs |
| Salary beyond 10000Rs | Year 🗨 |
| No. of Applicants applied for this trade at time of entrance exam | % students wage employed in this trade |
| % students self employed | % students unemployed |
| п | ode |
| | Close Save |
| | |



Form for industry linkage details:

| UserForm9 | then 2 has here | | | | | _ XX |
|-----------|--|--------|--------------|--|------------------|------|
| | |] | Industry lir | kage details | | |
| | Add | New | 01 | lodify | C Delete | |
| | Serial no. | [| 1 | Company name | | |
| | Which industry does this company belong to? | | | Name of contact person in the company | | |
| | Contact details(Phone no.) of the contact person | | | No. of students working in the company | | |
| | No. of students undergoing training in the company | | | Company can provide jo which trades(Specfiy tra | obs for ades) | |
| | т | I Code | | | | |
| | | (| Close | Save |] | |
| | | | | | | |



ITI opening analysis snapshot:

| District | Populat ion | h | Se z Ratio - determine | Litera cy | Densi ty/km | Area | no. of ITI required | Shortfall of ITI's - if | Shortfall based on | Per GITI seat | Per GITI and PITI seat | openi | |
|-----------------------------|----------------|-------|----------------------------------|--------------|----------------|--------|------------------------|----------------------------|-----------------------|------------------|---------------------------|---------------|-----------------------|
| | | Rate | where to | | | | based on | positive | population | | population - | | increa |
| | | | open women | | | | 1 iti per | indicates | - positive | | | <u>rank -</u> | |
| - | - | | based trac and ITI's | - | - | - | lakh populat 👻 | ercess - based on | indicate excess | is rank 🖵 | rank 1 🖵 | low rani | <u>sea</u> `_î inî |
| Balrampur, Uttar Prades | 2149066 | | 922 | 51,76 | 642 | 3347.5 | | | -19 | 10332 | 8666 | 4 | |
| Unnao, Uttar Pradesh, Ir | | 15.19 | 901 | 68.29 | 682 | 456 | | | -27 | 5803 | 5326 | 8 | 2 |
| Auraiya, Uttar Pradesh, | 1372287 | 16.3 | 864 | 80.25 | 681 | 2015.1 | 13 | -3 | -11 | 21442 | 10721 | 2 | 2 |
| Hardoi, Uttar Pradesh, li | 4091380 | 20.39 | 856 | 68.89 | 683 | 5990.3 | 40 | -7 | -34 | 5559 | 3874 | 1 | 4 |
| Siddharth Nagar, Uttar F | 2553526 | 25.17 | 970 | 61.81 | 882 | 2895.2 | 25 | -2 | -21 | 9252 | 3869 | 11 | 4 |
| Budaun, Uttar Pradesh, | 3712738 | 20.96 | 859 | 52.91 | 718 | 5170.9 | 37 | -2 | -28 | 6314 | 3612 | 12 | 6 |
| Maharajganj, Uttar Prad | 2665292 | 22.61 | 938 | 64.3 | 903 | 2951.6 | 26 | -4 | -23 | 6407 | 4899 | 10 | 7 |
| Ramabai Nagar, Uttar P | 1795092 | 14.82 | 862 | 77.52 | 594 | 3022 | 17 | -3 | -13 | 18699 | 6233 | 4 | 8 |
| Bahraich, Uttar Pradesk | 3478257 | 46.08 | 891 | 51.1 | 706 | 4926.7 | 34 | -6 | -29 | 4700 | 4007 | 9 | 9 |
| Kannauj, Uttar Pradesh, | 1658005 | 19.37 | 879 | 74.01 | 792 | 2093.4 | 16 | -4 | -15 | 7971 | 7971 | 3 | 9 |
| Moradabad, Uttar Prade | 4773138 | 25.25 | 903 | 58.67 | 1284 | 3717.4 | 47 | 12 | -27 | 8230 | 1956 | 18 | 11 |
| Kheri, Uttar Pradesh, Inc | 4013634 | 25.14 | 887 | 62.71 | 523 | 7674.3 | 40 | -12 | -36 | 4420 | 3448 | 7 | 12 |
| Sitapur, Uttar Pradesh, I | 4474446 | 23.62 | 879 | 63.38 | 779 | 5743.8 | 44 | -7 | -39 | 4566 | 3379 | 6 | 12 |
| Kushinagar, Uttar Prade | 3560830 | 23.08 | 955 | 67.66 | 1226 | 2904.4 | 35 | 4 | -25 | 4636 | 3168 | 15 | 14 |
| Shahjahanpur, Uttar Pra | 3002376 | 17.84 | 865 | 61.61 | 673 | 4461.2 | 30 | -5 | -25 | 3507 | 2519 | 14 | |
| Barabanki, Uttar Prades | 3257983 | 21.86 | 908 | 63.76 | 740 | 4402.7 | 32 | 6 | -17 | 5359 | 1794 | 22 | 15 |
| Muzaffarnagar, Uttar Pr | 4138605 | 16.8 | 886 | 70.11 | 1033 | 4006.4 | 41 | 16 | -16 | | 1363 | 32 | 17 |
| Pratapgarh, Uttar Prade | 3173752 | 16.2 | 994 | 73.1 | 854 | 3716.3 | 31 | 5 | - 2 - 18 | 3796 | 2248 | 20 | Pres 18 |
| Gonda, Uttar Pradesh, I | 3431386 | 24.07 | 922 | 61.16 | 857 | 4004 | 34 | 1 | -24 | 3796 | 1744 | 21 | 19 |
| Sant Kabir Nagar, Uttar I | 1714300 | 20.71 | 969 | 69.01 | 1041 | 1646.8 | 17 | 6 | -7 | 6593 | 1872 | 25 | 20 |
| Shrawasti, Uttar Prades | 1114615 | -5.25 | 875 | 49.13 | 572 | 1948.6 | 11 | -1 | -8 | 4287 | 3440 | 29 | 21 22 23 |
| Bijnor, Uttar Pradesh, In | 3683896 | 17.64 | 913 | 70.43 | 808 | 4559.3 | 36 | 3 | -23 | 3289 | 1771 | 19 | 22 |
| Rae Bareli, Uttar Prades | 3404004 | 18.51 | 941 | 69.04 | 739 | 4606.2 | 34 | 6 | -18 | 3995 | 1550 | 28 | 23 |
| Mainpuri, Uttar Pradesh | 1847194 | 15.69 | 876 | 78.26 | 670 | 2757 | 18 | -4 | -16 | 3079 | 3079 | 13 | |
| Firozabad, Uttar Prades | 2496761 | 21.62 | 867 | 74.6 | 1044 | 2391.5 | 24 | 11 | -8 | 7093 | 1458 | 26 | |
| Banda, Uttar Pradesh, Ir | 1799541 | 17.06 | 863 | 68.11 | 404 | 4454.3 | 17 | -4 | -11 | 3308 | 2295 | 16 | |
| Sant Ravidas Nagar, Uti | 1554203 | 14.81 | 950 | 71.1 | 1531 | 1015.2 | 15 | 7 | -5 | 8831 | 1331 | 33 | 27 |
| Baghpat, Uttar Pradesh | 1302156 | 11.87 | 858 | 73.54 | 986 | 1320.6 | 13 | 8 | -2 | 20346 | 1146 | 35 | 28 |
| Kaushambi, Uttar Prade | 1596909 | 23.49 | 905 | 63.69 | 897 | 1780.3 | 15 | 4 | -7 | 4990 | 1452 | 31 | 29 |
| Kanshiram Nagar, Uttar | 1438156 | 17.05 | 879 | 62.3 | 736 | 1954 | | 6 | -4 | 9987 | 1083 | 42 | 28 29 29 |
| Ghaziabad, Uttar Prades | 4661452 | 41.66 | 878 | 85 | 3967 | 1175.1 | | 32 | -11 | 12267 | 512 | 39 | 29 |
| Pilibhit, Uttar Pradesh, li | 2037225 | 23.83 | 889 | 63.58 | 567 | 3593 | | | -15 | 2681 | 2294 | 24 | 32 |
| Deoria, Uttar Pradesh, li | 3098637 | 14.23 | 1013 | 73.53 | 1220 | 2539.9 | | | | | 1753 | 36 | 33 |
| Fatehpur, Uttar Pradesh | 2632684 | 14.05 | 900 | 68.78 | 634 | 4152.5 | 26 | 1 | -16 | 2992 | 1397 | 37 | 34 |

| open women based trag initial based based trag open women based trag | District | Populat | Growt | Sez Ratio - | Litera | Densi | Area | no. of ITI | Shortfall of | Shortfall | Per GITI | Per GITI and | ш | Bank. |
|---|----------|---------|-------|-------------|--------|-------|------|------------|--------------|------------|-------------|--------------|---------------|-----------|
| open vomen based trag | | ion | h | determine | cy | ty/km | | required | ITI's - if | based on | seat | PITI seat | openi | to |
| Image: Second | | | Rate | where to | | | | based on | positive | population | populatio | population - | ng. | increa |
| V V and ITT's V V Populat based on recess V V ran In Lalipur, Uttar Pradesh, 1 128002 2457 305 64.95 242 5003.1 12 -3 -10 2086 2086 17 Basti, Uttar Pradesh, 1 236338 214 305 650.9 897 2365.2 24 4 -14 2222 1202 400 Eavab, Uttar Pradesh, 1 1556678 17.19 870 73.1 851 1839.8 15 9 -2 4833 874 481 Mau, Uttar Pradesh, 1 026017 18.34 771.6 127 773.1 851 1839.8 15 9 -2 4833 873 341 Sonbhadra, Uttar Pradesh, 1 167078 18.37 75.16 1287.77 70.57 366 4564.8 16 -5 -11 1616 644 233 341 Jaun, Uttar Pradesh, 1 1670718 14.87 <th></th> <th></th> <th></th> <th>open women</th> <th></th> <th></th> <th></th> <th></th> <th>indicates</th> <th></th> <th>n - highest</th> <th>highest gets</th> <th><u>rank -</u></th> <th><u>se</u></th> | | | | open women | | | | | indicates | | n - highest | highest gets | <u>rank -</u> | <u>se</u> |
| Lailegu, Utar Pradesh, In 218002 24.57 905 64.95 242 503.11 12 -9 -10 2066 2066 17 Brampu, Utar Pradesh, In 236539 214 905 55.08 997 23662 23 4 -14 215 1578 43 Basti, Utar Pradesh, In 579160 17.95 867 73.8 867 73.8 658 2021 15 9 -2 4893 874 48 Mahamaga Magar, Utar Pradesh, In 579160 17.95 867 73.8 867 73.8 851 83.8 15 9 -2 4893 874 48 Mahamaga Magar, Utar Pradesh, In 200575 18.9 976 65.2 315 3144.8 9 9 -1 -3 3347 1353 341 Sonbhadra, Utar Prade 1982612 27.27 913 6618 274 6737.9 18 9 -1 -3 3347 1353 341 Sonbhadra, Utar Prade 1982612 27.27 913 6618 274 6737.9 18 9 -5 11641 448 471 Barukhabad, Utar Prade 1982517 20.2 874 70.57 865 2162.2 18 4 -3 2681 1396 381 Ambedkar Nagar, Utar 238709 18.35 976 74.37 1021 2349.41 23 311 13 6182 805 449 Jajaun, Utar Pradesh, In 57738 18.2 978 655.7 818 2247.9 18 9 5 11641 448 231 Ambedkar Nagar, Utar 2587349 22.8 876 93.6 1007 3648.3 36 24 4 2775 902 511 Juotiba Phule Nagar, Utar 2587349 22.8 876 653.6 1007 648.3 36 24 4 2775 902 511 Juotiba Phule Nagar, Utar 258778 452.5 113 4449 355.9 455 31 -7 1860 879 52 Jahanb, Utar Pradesh, In 25873849 22.8 876 653.7 318 2247.9 18 10 -3 3355 672 551 Azamgarh, Utar Prades 4616509 17.17 1017 72.8 1139 4053.1 46 433 6 3405 638 531 Azamgarh, Utar Prades 4616509 17.17 1017 72.8 1139 4053.1 46 443 6 1309 4003 450 Jahanboba, Utar Pradesh, In 200755 14.66 885 76.37 338 5027 20 1 4 -8 1453 830 45 Jahanboba, Utar Pradesh, In 200755 14.66 885 76.37 338 5027 20 1 4 -8 1453 830 451 Jahaboba, Utar Pradesh, In 70155 14.66 885 76.37 338 30.34 30 4 2550 778 552 Jahansi, Utar Pradesh, In 200755 14.67 995 44.30 96 74.37 939 36027 1 20 1 4 -8 1453 830 451 Jahaboba, Utar Pradesh, In 200755 14.67 995 647 72.0 393 363.3 4 30 4 2458 660 577 Jahaboba, Utar Pradesh, In 200755 14.67 995 647 72.0 393 3803 34 30 4 20 6 4023 450 Grakhpur, Utar Pradesh, In 200755 14.67 995 77.7 853 73.7 777 2456.3 17 7 16 5 3079 601 Galaba, Utar Pradesh, In 444705 778 853 73.8 74.8 1342 2568 3 34 21 7 7 1792 529 Galaba, Utar Pradesh, In 322842 16.73 933 73.82 1081 | - | - | | | | - | - | | | | is rank 📜 | rank 1 🖉 | | sea' + |
| Barnpur, Uttar Pradesh, In 233538 214 905 55.08 987 236.2 23 4 14 215 175 831 Bast, Uttar Pradesh, In 2461056 10.05 959 636.3 987 236.21 15 -1 -1 11 9325 172 23 Mahamaya Nagar, Uttar 1565673 17.19 870 73.1 851 1839.81 15 9 -2 4933 874 481 Mahu, Uttar Pradesh, Ind 205170 18.34 978 65.12 315 314.8 9 -1 -3 3347 135 341 Chitrakoot, Uttar Prade 930626 23.29 879 66.52 315 314.8 9 -1 -3 3347 136 341 Sonbhadra, Uttar Pradesh, Ind 18777 20.2 877 70.5 855 212.2 18 4 9 2681 136 341 36 24 -4 2775 902 511 Jalaun, Uttar Pradesh, In 187078 8.636 1007 3648.3 36 | | | | | | | | | | | | | ran | |
| Basti, Urtar Pradesh, In: 2461056 18.05 959 69.69 916 2686.7 2.4 4 .14 2822 102 401 Eravah, Urtar Pradesh, In: 157916 17.3 870 73.1 851 15 9 -2 4933 874 481 Mahamaga Nutar 1565678 17.13 870 73.1 851 153.381 15 9 -2 4933 874 481 Chitrakoot, Uttar Pradesh, Ind 220570 18.34 976 66.52 315 3144.8 9 -1 -3 3347 1353 341 Sonbhadra, Uttar Pradesh, In 1670718 14.87 865 751.6 166 4564.8 16 -5 -11 1816 1644 231 Jalaun, Uttar Pradesh, In 1670718 14.87 865 76.18 2247.9 18 10 -3 3355 672 551 Jalaun, Uttar Pradesh, In 1873849 22.78 876 74.37 1021 2343.4 23 31 13 686.2 315 44 | | | | | | | | | | | | | | |
| Etawah, Utar Pradesh, 1579160 17.95 867 79.99 683 2312.1 15 -1 11 1935 1732 231 Mahamaya Nagar, Utar 1565678 17.18 870 73.1 861 1633.8 15 9 -2 44933 874 48 Mahamaya Nagar, Utar 1565678 17.18 870 75.16 1267 173.4 9 -1 -3 3347 1353 344 Chitrakoot, Utar Prade 1862612 27.2 933 66.18 274 6777.9 18 9 5 11641 448 477 Jalaun, Utar Pradesh, In 187777 20.2 874 70.77 855 218.2 18 4 -5 2681 1396 381 Jalaun, Utar Pradesh, In 18777 185 976 66.61 1007 348.3 6 24 -4 2775 902 51 Jyotiba Phule Nagar, Utar Pradesh, In 1838771 22.66 907 65.7 | | | | | | | | | | | | | | |
| Mahamaya Nagar, Utar 1565678 17.19 870 73.1 851 1839.8 15 9 -2 4893 874 48 Mau, Utar Pradesh, Ind 220517 18.34 978 75.16 1287 713.4 22 22 4 4922 881 411 Chirtakoot, Utar Prade 990626 232.9 873 66.52 315 3144 9 -1 -3 3347 153 344 Sonbhadra, Uttar Prade 1887577 20.2 874 70.57 865 2182.2 18 4 -9 2681 1396 381 Jalaun, Uttar Pradesh, I 1670718 18.77 20.2 876 74.37 1021 2349.4 23 31 13 6182 805 491 Aligarh, Uttar Pradesh, I 18773849 2.78 876 69.61 1007 3648.3 36 24 4 2775 902 51 Jopta Pradesh, II 3673849 2.78 876 69.51 1007 3648.3 36 244 4 2775 902 51 Jopta P | | | | | | | | | | | | | | |
| Mau, Utar Pradesh, Ind 2205170 18.94 978 75.16 1287 1713.4 22 22 4 4922 881 41 Chirakoot, Utar Prade 990626 23.23 879 66.52 315 3144.81 9 -1 -3 3347 1353 344 Sonbhada, Utar Prade 1887577 20.2 874 70.57 865 2182.2 18 4 -9 2681 1396 381 Jalaun, Utar Pradesh, Ir 1670718 14.87 865 75.16 366 4564.8 16 -5 -11 1816 1644 231 Ambedkar, Nagan, Utar 238709 13.5 976 74.7 1021 234.9 123 31 31 3682 44 4 2775 902 51 Aggarb, Utar Prade 18367371 22.6 907 65.7 188 2247.9 18 10 -3 3355 672 551 Azamgarb, Utar Prade 1838777 1021 2268 9131 1449 3165.9 453 31 -7 | | | | | | | | | | | | | | |
| Chitrak.oot, Uttar Prade 990626 29.29 879 66.52 315 314.8 9 -1 -3 3347 1353 34 Sonbhadra, Uttar Prade 1862612 27.27 913 66.18 274 6737.91 18 9 5 11641 448 477 Farukhabad, Uttar Pradesh, Ir 187577 20.2 874 70.7 865 2182.2 18 4 9 2581 136 381 Jalaun, Uttar Pradesh, Ir 1670718 14.87 865 75.16 366 4564.8 16 -5 -11 1816 1644 231 Ambedkar Nagar, Uttar 2388709 13.5 976 74.37 1021 2349.4 23 31 16182 805 491 Ajlgah, Uttar Pradesh, Id 183771 22.66 907 65.7 818 2247.9 18 100 -3 3355 672 551 Azamgarh, Uttar Pradesh, Id 4872951 3.72 852 311 1449 355.9 45 31 -7 1850 673 453 | | | | | | | | | | | | | | |
| Sonbhadra, Uttar Prade 1862612 27.27 913 66.18 274 6737.9 18 9 5 11641 448 471 Farukhabad, Uttar Pradesh, IV 187777 20.2 874 70.57 865 2182.2 18 4 -9 2681 1336 381 Jalaun, Uttar Pradesh, IV 1870718 14.87 865 7516 356 4564.8 16 -5 -111 1816 1644 231 Ambedkar Nagar, Uttar 2388709 18.35 976 74.37 1021 2349.4 23 31 13 6182 805 491 Aligarh, Uttar Pradesh, IV 1838771 22.6 907 65.7 818 247.9 18 10 -3 3355 672 551 Azamgarh, Uttar Pradesh, IV 2000755 14.66 885 76.37 398 5027 20 1 -8 1463 830 451 Mahoba, Uttar Pradesh, IV 2000755 14.66 | | | | | | | | | | | | | | |
| Farukhabad, Utar Prac 1887577 20.2 874 70.57 865 2182.2 18 4 -9 2681 1396 38 Jalaun, Uttar Pradesh, Ir 1670718 14.87 865 75.16 366 4564.8 16 -5 -11 1816 1644 23 Ambedra, Nutar 238709 18.35 976 74.77 1001 2343.41 23 31 13 6182 805 491 Aligarh, Uttar Pradesh, I 8673849 22.78 876 69.61 1007 3648.3 36 24 -4 2775 902 511 Agendarh, Uttar Pradesh, I 8138771 22.66 907 65.7 818 2247.9 18 10 -3 3355 672 551 Azamgarh, Uttar Pradesh, Ir 2000755 14.66 885 76.37 398 5027 20 11 -8 1463 830 451 Mahoba, Uttar Pradesh, Ir 2000755 14.66 885 76.37 398 304191 8 -3 4 1123 1844 | | | | | | | | | | | | | | |
| Jalaun, Uttar Pradesh, Ir 1670718 14.87 865 75.16 366 4564.8 16 -5 -11 1816 1644 23 Ambedkar Nagar, Uttar 2398709 18.35 976 74.37 1021 2349.4 23 31 13 6182 805 49 Aligah, Uttar Pradesh, J 183771 22.66 907 65.7 818 2247.9 18 10 -3 3355 672 55 Azamgarh, Uttar Pradesh, J 4672550 9.72 825 81.3 104 43 6 3405 688 53 Kanpur Nagar, Uttar Pradesh, Ir 200755 14.66 885 76.37 398 5027 20 1 -8 1463 830 45 Manbob, Uttar Pradesh, Ir 2000755 14.66 885 76.37 398 5027 20 1 -8 1463 830 45 Mahoba, Uttar Pradesh, Id 3800733 21 858 8314 104 40413 43 50 16 3033 480 61 | | | | | | | | | | | | | | |
| Ambedkar Nagar, Uttar 2398709 18.35 976 74.37 1021 2343.4 23 31 13 6182 805 49 Aligarh, Uttar Pradesh, I 987849 22.78 876 69.61 1007 3648.3 36 24 -4 2775 902 51 Jortia Prilue Nagar, Uttar Prades 1838771 22.66 907 657 818 2247.9 19 10 -3 3355 672 55 Azamgarh, Uttar Prades 4516509 17.17 1017 72.69 1139 4053.1 46 43 6 3405 6938 53 Janasi, Uttar Pradesh, I 2000755 14.66 885 767.7 395 5027 20 1 -8 1463 830 45 Mahoba, Uttar Pradesh, Ind 4380733 21 859 69.44 1084 4041.3 43 50 16 3094 739 56 Sultanpur, Uttar Pradesh, Ind 3304 739 446 61 53 5077 53 5071 5078 5078 5075 55 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td> | | | | | | | | | | - | | | | |
| Aligarh, Uttar Pradesh, I 3673849 22.78 876 69.61 1007 3648.3 36 24 4 2775 902 51 Jyotiba Phule Nagar, Uttar Prades 1838771 22.66 907 65.7 818 2247.9 18 10 -3 3355 672 55 Azamgarh, Uttar Prade 4816509 17.7 1017 72.69 113 445 31 -7 1850 672 55 Jhansi, Uttar Pradesh, Ir 200755 14.66 885 76.37 398 5027 20 1 -8 1463 830 45 Mahoba, Uttar Pradesh, Ir 2000755 14.66 885 76.37 398 5027 20 1 -8 1463 830 45 Mahoba, Uttar Pradesh, Ir 2000755 14.66 885 76.37 398 5027 20 1 -8 1463 830 45 Mahoba, Uttar Pradesh, Ind 4380733 21 858 80119 8 3 45 16 4093 460 61 53 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | | | | | | | | | | | | | | |
| Jyotiba Phule Nagar, Ut 1838771 22.66 907 65.7 818 2247.9 18 10 -3 3355 672 55 Azamgarh, Uttar Prades 4616509 17.17 1017 72.69 1139 4063.11 46 43 6 3405 698 53 Kapur Nagar, Uttar Pradesh, Ir 2000755 14.66 885 76.37 398 5027 20 1 -8 1463 830 45 Mahoba, Uttar Pradesh, Ir 2000755 14.66 885 76.37 398 5027 20 1 -8 1463 830 45 Mahoba, Uttar Pradesh, Ir 2000755 14.66 885 76.37 398 5027 20 1 -8 1463 830 45 Maroba, Uttar Pradesh, Ir 3800732 21 858 8041 184 40413 43 50 16 4033 480 61 Sultanpur, Uttar Prade 34642257 17.5 9472.5 | | | | | | | | | | | | | | |
| Azarngarh, Uttar Prades 4618503 17.17 1017 72.69 1139 4053.1 46 43 6 3405 698 53 Kanpur Nagar, Uttar Pradesh, Ir 200755 14.66 885 76.37 385 502.7 20 1 -8 1463 800 451 Jhansi, Uttar Pradesh, Ir 200755 14.66 885 77.328 502.7 20 1 -8 1463 830 451 Mahoba, Uttar Pradesh, Ir 2000755 14.66 885 77.328 502.7 20 1 -8 1463 830 451 Mahoba, Uttar Pradesh, Ind 4380733 21 858 68.44 1084 4041.3 43 50 16 3094 799 561 Sultanpur, Uttar Prades 436025 17.92 978 711.4 855 4433.83 37 43 61 3034 480 61 Saharanpur, Uttar Prades 4364228 19.59 647 72.57 1336 320.61 444 38 1 25550 77.8 591 <td></td> | | | | | | | | | | | | | | |
| Kanpur Nagar, Utar Pra 4572351 9.72 852 81.31 1449 3155.9 45 31 -7 1850 879 52 Jhansi, Utar Pradesh, Ir 2000755 14.66 885 76.37 338 5027 20 1 -8 1463 830 45 Mahoba, Utar Pradesh, Ind 4380733 21 859 69.44 28 3011.9 8 -3 4 1123 1084 466 Agra, Utar Pradesh, Ind 4380733 21 859 69.44 8041.91 43 50 16 3094 793 56 Sultanpur, Utar Pradesh, Ind 4380733 21 859 69.44 1084 4041.3 43 50 16 3094 793 56 Suharanpur, Utar Pradesh, Ind 165.9 687 72.03 393 3683.3 34 30 4 2550 778 59 Gorakhpur, Utar Pradesh, Ind 176152 12.77 868 73.27 717 2456.3 17 16 5 3073 601 651 Ballia, Utar | | | | | | | | | | | | | | |
| Jhansi, Utar Pradesh, In 200755 14.66 885 76.37 398 5027 20 1 -8 1463 830 45 Mahoba, Utar Pradesh, In 4200735 21 858 66.94 228 3041.91 8 -3 -4 1129 1084 466 Agra, Utar Pradesh, Ind 4200733 21 858 66.94 228 3041.91 8 -3 -4 1129 1084 466 Suhanpur, Utar Prades 3790322 17.92 978 71.14 855 4433.81 37 43 16 40033 480 61 Suhanpur, Utar Prade 3469225 17.82 978 71.14 855 4433.81 37 43 16 40033 480 61 Suhanpur, Utar Prade 3449225 17.82 934 320.61 44 38 12 2550 778 591 Etah, Utar Pradesh, Ind 176152 12.77 863 73.27 717 2456.31 17 16 5 3073 601 651 Ball | | | | | | | | | | | | | | |
| Mahoba, Ultar Pradesh 876055 23.66 880 66.34 288 3041.9 8 -3 -4 1129 1084 46 Agra, Ultar Pradesh, Ind 4380733 21 858 66.44 1084 4041.3 43 50 16 3094 793 56 Sultanpur, Ultar Prades 3790922 179.2 978 7114 855 4433.8 37 43 16 4083 460 61 Saharanpur, Ultar Prade 4436275 17.82 978 72.03 939 3683.3 34 30 4 2856 660 57 Gorakhpur, Ultar Prades 4436275 17.89 944 72.25 136 3320.61 44 38 1 2550 778 59 Etah, Ultar Pradesh, Ind 1761152 12.77 863 73.27 717 2456.3 17 16 5 3073 601 651 Balla, Ultar Pradesh, Ind 3220421 15.73 333 | | | | | | | | | | | | | | |
| Agra, Uttar Pradesh, Ind 4380733 21 859 69.44 1084 4041.3 43 50 16 3094 799 56 Sultanpur, Uttar Pradesi 3790922 17.92 978 7114 855 4433.8 37 49 16 4093 480 61 Sultanpur, Uttar Pradesi 374922 17.92 978 7114 855 4433.8 37 49 16 4093 480 61 Saharanpur, Uttar Pradesi, Ind 176152 12.77 868 73.27 177 2456.3 17 16 5 3079 601 65 Ballia, Uttar Pradesi, Ind 176152 12.77 868 73.27 177 2456.3 17 16 5 3079 601 65 Ballia, Uttar Pradesi, Ind 176152 12.77 868 73.27 177 2456.3 17 16 5 3079 601 65 Ballia, Uttar Pradesi, Ind 1316 961 70.63 1054 2341.9 24 58 39 367.3 461 68 | | | | | | | | | | | | | | |
| Sultanpur, Uttar Pradesi 3790322 17.32 978 71.14 855 4433.8 37 43 16 4033 480 61 Saharanpur, Uttar Prade 3464228 15.59 687 72.03 393 3683.3 34 30 42 2858 680 57 Gorakhpur, Uttar Prade 4436275 17.82 944 72.25 1336 3320.6 44 38 16 4033 480 61 Etah, Uttar Prade 4436275 17.83 933 73.27 717 2456.3 17 16 5 3073 601 651 Balla, Uttar Pradesh, In 322.642 16.73 933 73.82 1081 2982.11 32 33 8 3041 729 601 Faizabad, Uttar Pradesh, In 322.642 16.73 933 73.82 1081 2982.11 32 33 8 3041 729 601 Jaunpur, Uttar Pradesh, In 347405 15.01 885 | | | | | | | | | | | | | | |
| Saharanpur, Uttar Prade 3464228 19.59 887 72.03 939 3689.3 34 30 4 2888 680 571 Gorakhpur, Uttar Prade 4436275 17.69 944 73.25 1336 3320.6 44 38 2550 778 591 Etah, Uttar Pradesh, Ind 1761152 12.77 863 73.27 717 2456.3 17 16 5 3079 601 651 Ballia, Uttar Pradesh, Ind 322642 16.73 933 73.82 1081 2982.1 32 33 8 3041 729 601 Faizabad, Uttar Pradesh, I 3447405 15.01 865 74.8 1342 2563 34 21 7 792 529 641 Allahabad, Uttar Pradesh, Sep5978 20.74 902 74.41 1087 5482.8 55 79 32 3304 544 541 Jaunpur, Uttar Pradesh, Sep5978 20.27 14.41 2018 70.55 | | | | | | | | | | | | | | |
| Gorakhpur, Uttar Prades, I. 4436275 17,69 944 73,25 1336 3320.6 44 38 1 2550 778 59 Etah, Uttar Prades, Ind 176152 12.77 863 73.27 177 2456.3 17 16 5 3073 601 65 Balla, Uttar Pradesh, Ind 3223642 16.73 933 73.28 1081 2982.11 32 33 8 3041 729 601 Faizabad, Uttar Pradesh, I 3447405 15.01 885 74.8 1342 258 34 21 -7 1732 529 641 Allahabad, Uttar Pradesh, I 3447605 15.01 885 74.8 1342 258.9 34 21 -7 1732 529 641 Allahabad, Uttar Pradesh, I 3447607 14.43 1018 75.482.8 559 79 32 3304 544 541 542.8 559 79 32 3304 544 541 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Dad</td><td></td><td></td><td></td><td></td></t<> | | | | | | | | | | Dad | | | | |
| Etah, Uttar Pradesh, Ind 1761152 12.77 863 73.27 717 2456.3 17 16 5 3073 601 65 Ballia, Uttar Pradesh, Ind 3223642 16.73 933 73.82 1081 2982.11 32 33 8 3041 729 601 Ballia, Uttar Pradesh, Ind 3223642 16.73 933 73.82 1081 2982.11 32 33 8 3041 729 601 Fatabab, Uttar Pradesh, Ind 3447405 15.01 885 74.8 1342 2568.91 34 21 -7 1792 523 641 Allahabad, Uttar Pradesh, Ind 447607 14.43 1018 75.46 108 4039.81 644 79 344 4207 299 671 Jaunpur, Uttar Pradesh, A476072 14.43 1018 75.66 108 4039.81 644 79 344 4207 299 671 Ghazipur, Uttar Pradesh, 342727 19.26 951 74.27 | | | | | | | | | | au | | | | |
| Ballia, Uttar Pradesh, In 3223642 16.73 933 73.82 1081 2982.1 32 33 8 3041 729 60 Faizabad, Uttar Pradesh 2468371 18.16 961 70.63 1054 2341 24 56 39 3673 481 68 Meerut, Uttar Pradesh, I 3447405 15.01 885 74.8 1342 2568.9 34 21 -7 1792 529 64 Allahabad, Uttar Pradesh 595078 20.74 902 74.41 1087 5482.8 59 73 32 3304 544 54 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | | | | | | | | | | | | | | |
| Faizabad, Ultar Pradesh 2468371 18.16 961 70.63 1054 2341.9 24 58 39 3673 481 68 Meerut, Ultar Pradesh, I 3447405 15.01 885 74.8 1342 258.9 34 21 -7 1732 529 64 Allahabad, Ultar Pradesh, I 595738 0.74 902 74.41 1087 5482.8 559 79 32 3304 544 54 54 79 34 4207 299 671 Jaunpur, Ultar Pradesh 3622727 19.26 951 74.27 1072 33784 36 80 51 3990 421 66 Bulandshahar, Ultar Pradesh 3622727 19.26 951 74.27 1072 33784 36 80 51 3990 421 66 Bulandshahar, Ultar Pradesh 3628507 20.09 892 70.23 788 4439.7 34 31 7 2176 692 631 <td></td> | | | | | | | | | | | | | | |
| Meerut, Uttar Pradesh, 3447405 15.01 885 74.8 1342 2568.9 34 21 -7 1792 529 64 Allahabad, Uttar Pradesh, 6595738 20.74 902 74.41 1087 5482.8 59 79 32 3304 544 54 | | | | | | | | | | | | | | |
| Allahabad, Uttar Prades 5959798 20.74 902 74.41 1087 5482.8 59 79 32 3304 544 54 Jaunpur, Uttar Pradesh, 4476072 14.43 1018 73.66 1108 4038.8 44 79 44 4207 239 67 Ghazipur, Uttar Pradesh 3622727 19.26 951 74.27 1072 3379.4 36 80 51 3990 421 66 Bulandshahar, Uttar Pradesh 4588507 20.09 892 70.23 788 4439.7 34 31 7 2176 682 631 Loknow, Uttar Pradesh 4588455 25.79 906 79.33 1815 2528.1 45 49 10 2063 667 581 | | | | | | | | | | | | | | |
| Jaunpur, Utar Pradesh, 4476072 14.43 1018 73.66 1108 4039.8 44 79 44 4207 299 67 Ghazipur, Utar Pradesh, 3622727 19.26 951 74.27 1072 3378.4 36 80 51 3990 421 66 Bulandshahar, Utar Pradesh 3628727 19.26 932 70.23 788 4439.7 34 31 7 2176 692 631 Bulandshahar, Utar Pradesh 4588455 25.73 906 73.33 1815 2528.1 45 43 10 2063 667 581 | | | | | | | | | | | | | | |
| Ghazipur, Uttar Pradesh 3622727 19.26 951 74.27 1072 3379.4 36 80 51 3990 421 66 Bulandshahar, Uttar Pra 3498507 20.09 892 70.23 788 4439.7 34 31 7 2176 692 63 Lucknow, Uttar Pradesh 4588455 25.79 906 79.33 1815 2528.1 45 49 10 2063 667 58 | | | | | | | | | | | | | | |
| Bulandshahar, Uttar Pra 3498507 20.09 892 70.23 788 4439.7 34 31 7 2176 692 63 Lucknow, Uttar Pradest 4588455 25.79 906 79.33 1815 2528.1 45 49 10 2063 667 58 | | | | | | | | | | | | | | |
| Lucknow, Uttar Pradest 4588455 25.79 906 79.33 1815 2528.1 45 49 10 2063 667 58 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| Mathura, Uttar Pradesh 2541894 22.53 858 72.65 761 3340.2 25 65 47 3276 338 71 | | | | | 72.65 | | | | | | | | | |
| manua, ocal madesini 201007 2200 000 12.00 101 0002 20 00 11 0210 000 11 Mirzapur, Utra Pradesini 201007 200 000 12.00 101 0002 20 00 11 0210 000 11 0210 000 11 | | | | | | | | | | | | | | |
| Transport, Octain Factors 1, 250 1, 2 | | | | | | | | | | | | | | |
| Valuana 1 Udula 1 Nagal, 101111 - 0002 002 022 1202 1010 10 20 10 100 300 021 | | | | | | | | | | | | | | |

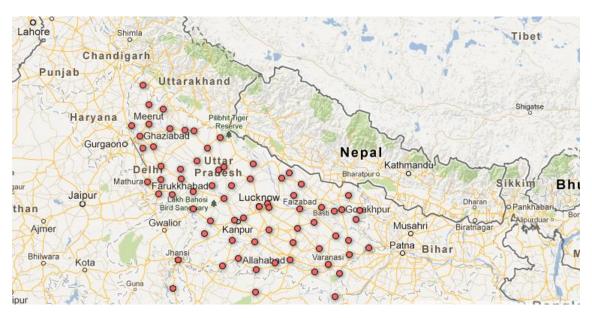


ITI seat increase analysis:

| District | ITI opening | Rank to | Ezistin | Ezisti | Target - double the | Differenc | New ITI'S | Year 1 | Year 2 | Year 3 | Year 4 | Post |
|--|-------------|-----------|---------|--------|----------------------|------------|------------|---------|---------------|---------|--------|------------|
| | rank - | increase | g | ng | seats in the top 20, | e in seats | to be | seat | seat | seat | seat | implemen |
| | lower rank | seats in | number | numb | 1.5 times in the top | - Number | opened | creatio | creatio | creati | creati | tation per |
| | requires | existing | of GITI | er of | 45 and 1.25 times in | of seats | | n(GITI) | n (25% | on | on(Re | GITI seat |
| v | immeidi: 🔻 | iti's 🗍 🖵 | seat 🔻 | GIT 🔻 | the top 60 - Targ 🔻 | to be 🔻 | | (50% 🔻 | of 🔻 | (12.5 🔻 | maii 💌 | populat 🔻 |
| Balrampur, Uttar Pradesh, India | 4 | 1 | 208 | 247 | 416 | 208 | 1 | 104 | 52 | | | 5166 |
| Auraiya, Uttar Pradesh, India | 8 | 2 | 536 | 584 | 1072 | 536 | 4 | 268 | 134 | 67 | 67 | 290 |
| Unnao, Uttar Pradesh, India | 2 | 2 | 63 | 127 | 126 | 63 | 1 | 31 | 15 | | | 1089 |
| Siddharth Nagar, Uttar Pradesh, India | 1 | 4 | 735 | 1056 | 1470 | 735 | 4 | 367 | 183 | 91 | 94 | 2783 |
| Hardoi, Uttar Pradesh, India | 11 | 4 | 275 | 659 | 550 | 275 | 2 | 137 | 68 | 34 | 36 | 4642 |
| Budaun, Uttar Pradesh, India | 12 | 6 | 588 | 1027 | 1176 | 588 | 5 | 294 | 147 | 73 | 74 | 3157 |
| Maharajganj, Uttar Pradesh, India | 10 | 7 | 415 | 544 | 830 | 415 | 2 | 207 | 103 | 51 | 54 | 321 |
| Ramabai Nagar, Uttar Pradesh, India | 4 | 8 | 95 | 287 | 190 | 95 | 2 2 | 47 | 23 | | | 944 |
| Kannauj, Uttar Pradesh, India | 9 | 9 | 740 | 868 | 1480 | 740 | 5 | 370 | 185 | | | 2350 |
| Bahraich, Uttar Pradesh, India | 3 | 9 | 208 | 208 | 416 | 208 | 1 | 104 | 52 | 26 | 26 | 3985 |
| Moradabad, Uttar Pradesh, India | 18 | 11 | 579 | 2440 | 1158 | 579 | 7 | 289 | II 144 | 72 | 74 | 412 |
| Sitapur, Uttar Pradesh, India | 7 | 12 | 908 | 1164 | 1816 | 908 | 4 | 454 | 227 | 113 | 114 | 2210 |
| Kheri, Uttar Pradesh, India | 6 | 12 | 979 | 1324 | 1958 | 979 | 4 | 489 | 244 | 122 | 124 | 2285 |
| Kushinagar, Uttar Pradesh, India | 15 | 14 | 768 | 1123 | 1536 | 768 | 4 | 384 | 192 | 96 | 96 | 2318 |
| Barabanki, Uttar Pradesh, India | 14 | 15 | 856 | 1191 | 1712 | 856 | 4 | 428 | 214 | 107 | 107 | 1753 |
| Shahjahanpur, Uttar Pradesh, India | 22 | 15 | 607 | 1816 | 1214 | 607 | 4 | 303 | 151 | 5 75 | 78 | 2683 |
| Muzaffarnagar, Uttar Pradesh, India | 32 | | 532 | 3036 | 1064 | 532 | 4 | 266 | 133 | 66 | 67 | 3889 |
| Pratapgarh, Uttar Pradesh, India 🥒 💭 | 0 0 20 | 18 | 836 | 1411 | 1254 | 418 | | 209 | 104 | 52 | 53 | 2530 |
| Gonda, Uttar Pradesh, India ㅣ 📿 | | 19 | 903 | 1967 | 1806 | 903 | | 451 | 225 | 112 | 115 | 1899 |
| Sant Kabir Nagar, Uttar Pradesh, India | 25 | 20 | 260 | 915 | 390 | 130 | Y 1 | 65 | 32 | 16 | 17 | 4395 |
| Shrawasti, Uttar Pradesh, India | 29 | 21 | 259 | 324 | 389 | 130 | 🔲 1 | 65 | 32 | 16 | 17 | 2865 |
| Bijnor, Uttar Pradesh, India | 19 | 22 | 1120 | 2080 | 1680 | 560 | 2 | 280 | 140 | 6 70 | 70 | 2192 |
| Rae Bareli, Uttar Pradesh, India | 28 | 23 | 852 | 2196 | 1704 | 852 | 2 | 426 | 213 | 106 | 107 | 1997 |
| Firozabad, Uttar Pradesh, India | 13 | 24 | 599 | 599 | 749 | 150 | 0 | 5 75 | 37 | | | 2466 |
| Mainpuri, Uttar Pradesh, India | 26 | 24 | 352 | 1712 | 528 | 176 | 1 | 88 | 44 | | | 4728 |
| Banda, Uttar Pradesh, India | 16 | 26 | 543 | 784 | 1086 | 543 | 4 | 271 | 135 | 67 | 70 | 1657 |
| Sant Ravidas Nagar, Uttar Pradesh, India | 33 | 27 | 175 | 1167 | 263 | 88 | 1 | 44 | 22 | 11 | 11 | 5903 |
| Baghpat, Uttar Pradesh, India | 35 | 28 | 64 | 1136 | 96 | 32 | 0 | 16 | 8 | 4 | 4 | 13564 |
| Ghaziabad, Uttar Pradesh, India | 31 | 29 | 320 | 1099 | 480 | 160 | 0 | 80 | 40 | 20 | 20 | 3326 |
| Kanshiram Nagar, Uttar Pradesh, India | 42 | 29 | 144 | 1327 | 216 | 72 | E 1 | 36 | 18 | 9 | 9 | 6658 |
| Kaushambi, Uttar Pradesh, India | 39 | 29 | 379 | 9104 | 569 | 190 | 2 2 | 95 | 47 | | | 8192 |
| Pilibhit, Uttar Pradesh, India | 24 | 32 | 759 | 888 | 1518 | 759 | 4 | 379 | 189 | 94 | 97 | 1342 |
| Deoria, Uttar Pradesh, India | 36 | 33 | 1064 | 1767 | 1330 | 266 | 1 | 133 | 66 | 33 | 34 | 2325 |
| Fatehpur, Uttar Pradesh, India | 37 | 34 | 879 | 1884 | 1319 | 440 | 2 | 220 | 110 | | | 1995 |
| or i rue e ritre | 50 | 05 | 4000 | 0774 | 0000 | 004 | | 100 | | | | 1500 |

| District | ITI opening | Rank to | | Existin | | Target - double the | | | Year | 1 | Year 2 | Year 3 | Year 4 | Post |
|---|-------------|----------|----|---------|-------|----------------------|----------|------------|-------|-----|------------|---------|--------|-----------|
| | rank - | increase | | 9 | | seats in the top 20, | | | seat | | seat | seat | seat | impleme |
| | lower rank | seats in | | number | numb | 1.5 times in the top | - Number | opened | creat | io | creatio | creati | creati | tation pe |
| | requires | ezisting | | of GITL | er of | 45 and 1.25 times in | of seats | | n(Gi) | rn_ | n (25% | on | on(Re | GITI seal |
| * | immeidi: 🔻 | iti's | ΨÎ | seat 💌 | GIT 🔻 | the top 60 - Targ 🔻 | to be 🔻 | • | (50% | Ŧ | of 💌 | (12.5 💌 | mai 💌 | populat |
| Basti, Uttar Pradesh, India | 17 | | 38 | 583 | 583 | | | | | 291 | | | | |
| Rampur, Uttar Pradesh, India | 43 | | 38 | 1104 | 1479 | | | | | 138 | | | | |
| Lalitpur, Uttar Pradesh, India | 40 | | 38 | 872 | 2047 | 1308 | 436 | • · | | 218 | 109 | 54 | | |
| Mau, Uttar Pradesh, India | 29 | | 41 | 816 | 911 | 816 | 0 | (| | 0 | 0 | 0 | 0 | 19: |
| Mahamaya Nagar, Uttar Pradesh, India | 48 | | 41 | 319 | 1791 | | 80 | (| | 40 | 20 | | | 39 |
| Etawah, Uttar Pradesh, India | 41 | | 41 | 448 | 2503 | | 112 | | | 56 | | | | 39 |
| Sonbhadra, Uttar Pradesh, India | 34 | | 44 | 295 | 732 | | 148 | | 1 | 74 | | | | 22 |
| Chitrakoot, Uttar Pradesh, India | 47 | | 44 | 160 | 4157 | | 160 | — 2 | | 80 | 40 | | | |
| Farrukhabad, Uttar Pradesh, India | 38 | | 44 | 704 | 1352 | | 176 | 0 | | 88 | 44 | | | |
| Jalaun, Uttar Pradesh, India | 23 | | 47 | 919 | 1016 | 1149 | 230 | | | 115 | 57 | | | 14 |
| Ambedkar Nagar, Uttar Pradesh, India | 49 | | 48 | 388 | 2979 | | 97 | | 1 | 48 | 24 | | | 49 |
| Aligarh, Uttar Pradesh, India | 51 | | 49 | 1323 | 4073 | 1985 | 662 | 2 | | 331 | 165 | | | 18 |
| Jyotiba Phule Nagar, Uttar Pradesh, India | 55 | | 50 | 548 | 2736 | 685 | 137 | 0 | | 68 | 34 | 17 | 18 | 26 |
| Azamqarh, Uttar Pradesh, India | 53 | | 51 | 1355 | 6613 | 2033 | 678 | 2 | | 339 | 169 | 84 | 86 | 22 |
| Kanpur Nagar, Uttar Pradesh, India | 52 | | 52 | 2471 | 5202 | 2471 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 18 |
| Jhansi, Uttar Pradesh, India | 45 | | 53 | 1367 | 2410 | 1367 | 0 | | 1 | 0 | 0 | 0 | 0 | 14 |
| Mahoba, Uttar Pradesh, India | 46 | | 54 | 775 | 808 | 969 | 194 | • | | 97 | 48 | 24 | 25 | 9 |
| Sultanpur, Uttar Pradesh, India | 56 | | 55 | 1415 | 5482 | 2123 | 708 | — 2 | | 354 | 177 | 88 | 89 | 20 |
| Agra, Uttar Pradesh, India 🛛 🦳 🔔 | 61 | \sim | 55 | 939 | 7897 | 1174 | 235 | 2 | | 117 | 58 | 29 | 31 | 32 |
| Etah, Uttar Pradesh, India 🛛 📂 📿 | 6 67 | 1 | 57 | 1207 | 5094 | | | | | 151 | 75 | | | age 6 22 |
| Gorakhpur, Uttar Pradesh, India 🛛 🐸 | 59 | <u> </u> | 57 | 1739 | 5702 | 1739 | | 900 | | 0 | 0 | 0 | 0 | |
| Saharanpur, Uttar Pradesh, India | 65 | | 57 | 571 | 2930 | 571 | 0 | - c | 1 | 0 | 0 | 0 | 0 | 30 |
| Ballia, Uttar Pradesh, India | 60 | | 60 | 1060 | 4422 | 1060 | 0 | | | 0 | 0 | 0 | 0 | 30 |
| Faizabad, Uttar Pradesh, India | 68 | | 61 | 672 | 5131 | 840 | 168 | 0 | | 84 | 42 | 21 | 21 | 29 |
| Meerut, Uttar Pradesh, India | 64 | | 62 | 1923 | 6516 | 1923 | 0 | 6 | | 0 | 0 | 0 | 0 | 17 |
| Allahabad, Uttar Pradesh, India | 54 | | 63 | 1803 | 10955 | 2705 | 902 | 2 | | 451 | 225 | 112 | 114 | 22 |
| Jaunpur, Uttar Pradesh, India | 67 | | 64 | 1063 | 14970 | 1595 | 532 | 2 | | 266 | 133 | 66 | 67 | 28 |
| Ghazipur, Uttar Pradesh, India | 66 | | 64 | 907 | 8605 | | | | | 227 | | | | |
| Bulandshahar, Uttar Pradesh, India | 63 | | 66 | 1607 | 5055 | | | | 1 | 0 | 0 | 0 | 0 | |
| Mathura, Uttar Pradesh, India | 58 | | 67 | 2224 | 6879 | | | | | 0 | 0 | 0 | | |
| Lucknow. Uttar Pradesh. India | 71 | | 67 | 775 | 7520 | | | | | 97 | 48 | 24 | 25 | |
| Mirzapur, Uttar Pradesh, India | 70 | | 69 | 956 | 7628 | | | | | 119 | | | | |
| Gautam Buddha Nagar, Uttar Pradesh, Ir | | | 70 | 899 | 4316 | | | | | 0 | | | | |
| Varanasi, Uttar Pradesh, India | 69 | | 71 | 1531 | 9793 | | | | | ŏ | | Ő | | |

Location of various ITI's in UP:



Geographical representation for ITI opening:

| | ulusār Dudipatsar National Park | |
|------------|--|--|
| S | с. н с | a San she a tak |
| M | Sr. No.: 12 District: Muzaffarnagar, Uttar Pradesh, India | |
| shawar | Population: 4138605 | |
| Waho | Growth Rate: 16.8 | |
| Con al | Sex Ratio: 886 | 김 일서는 그 가다님까지 못 |
| Sec. 1 | Literacy: 70.11 | |
| 11-12 | Density/km: 1033 | |
| | Area: 4006.39399806389 | and and a support |
| Sargoo | no. of ITI required = (district area / area of diameter 25 km): 8.16589859477991 actual no. of GITI's required: 9 | the second |
| 1 1 12 | Existing no. of GITI's: 4 | The state of the state of the state of the |
| Faisalabac | Shortfall of ITI's: -5 | The second states and the |
| -122 | | |
| ulton Sāh | wal | and the second |
| ultan San | Punjab | A CARLES AND DESCRIPTION |
| Hasilpur | C - 2 - 2 - 0 - 0 - diakiranu | |
| 0 17 | | and a set of the second second |
| hawalpur | Haryana Meerut Pilibhit, Tiger | and the part of the second |
| | Ghaziabad | no not |
| | Gurgaono | al @2013 Google - Map da |

Trade analysis of the bottom ten trades by performance:

| क्र0सं0 | 2012 | V-IC | सीववीव | c Do | एस(| सीववीव | ರೆ ರಿ | | | योग | | 2011 | एन0सी0 | बीवटीव | एस | ्सीव्या | ರೆಂ | | य | ोग | | | |
|---------|--------------------|--------|---------|-------|------|---------|-------|------|---------|-------|----------|----------|---------|--------|--------|---------|-------|----------|---------|-------|--------|--------------------|------------------|
| | व्यवसाय का | कूल | कूल | रिक्त | कूल | कुल | रिक्त | कुल | कुल | रिक्त | प्रतिशत | कुल | कुल | रिक्त | कूल | कुल | रिक्त | कुल | कुल | रिक्त | प्रतिश | Average Percentage | ranking(lower to |
| | नाम | श्वमता | प्रवेशि | सीटें | समता | प्रवेशि | सीटें | समता | प्रवेशि | सीटे | प्रवेशित | श्वमत्ता | प्रवेशि | सीटें | क्षमता | प्रवेशि | सीटें | श्वमत्ता | प्रवेशि | सीटें | त्त | (2011&2012) | higher) |
| 1 | कम्प्यूटर एडेड | 0 | 0 | 0 | 483 | 170 | 313 | 483 | 170 | 313 | 35.20 | | | | | | | | | | | | |
| | इम्बाइड्री एण्ड | | | | | | | | | | | o | 0 | o | 483 | 115 | 368 | 483 | 115 | 368 | 23.81 | | |
| | निडिल वर्क | | | | | | | | | | | | | | 403 | 115 | 500 | 405 | 115 | 300 | 20.01 | | |
| | (डब्लू) | | | | | | | | | | | | | | | | | | | | | 29.50 | 1 |
| 2 | ड्राफ्ट मैन | 21 | 16 | 5 | 42 | 14 | 28 | 63 | 30 | 33 | 47.62 | 63 | 36 | 27 | 42 | 6 | 36 | 105 | 42 | 63 | 40.00 | | |
| | सिविल (डब्लू) | | | | | | | 4000 | 050 | 10 | 50.04 | | | | | | | | | | | 42.86 | 2 |
| 1 | ड्रेस मेकिंग | 210 | 160 | 50 | 1483 | 690 | 793 | 1693 | 850 | 843 | 50.21 | 231 | 172 | 59 | 1491 | 608 | 883 | 1722 | 780 | 942 | 45.30 | 47.73 | 3 |
| 3 | प्लास्टिक २२२२ | 42 | 28 | 14 | 105 | 71 | 34 | 147 | 99 | 48 | 67.35 | | | | | | | | | | | | |
| | प्रोसेसिंग | | | | | | | | | | | 42 | 29 | 13 | 273 | 124 | 149 | 315 | 153 | 162 | 48.57 | | |
| | वोपरेटर | | | | | | | 2067 | 1248 | 819 | 60.38 | | | | | | | | | | | 54.55 | 5 |
| 2 | फेशन टेक्नालाजी | 252 | 216 | 36 | 1815 | 1032 | 783 | 2001 | 1240 | 013 | 00.30 | 273 | 200 | 65 | 1827 | 887 | 940 | 2100 | 1095 | 1005 | 52.14 | | |
| | (डबल्) | | | 1 | | | | | | | | 213 | 208 | 60 | 102 r | 001 | 340 | 2100 | 1035 | | | E | |
| 4 | द्रलैक्ट्रानिक | | H | | 21 | 15 | 6 | 63 | 49 | 14 | 77.78 | Je | 0 | | | | | | - 1 | -a(| je- | 56.23 | Page 7 4 |
| - | मैकेनिक (डब्लू) | 74 | J 34 | • | 21 | 15 | Ŭ | | | | | 21 | 7 | 14 | 42 | 18 | 24 | 63 | 25 | 38 | 39.68 | 58.73 | |
| 5 | हेयर एण्ड | 357 | 287 | 70 | 1252 | 723 | 529 | 1609 | 1010 | 599 | 62.77 | | | | | | | | | | | 50.15 | |
| | स्किन केयर | | | | | | | | | | | 357 | 261 | 96 | 1281 | 660 | 621 | 1638 | 921 | 717 | 56.23 | 59.47 | 7 |
| 6 | डाटा एन्ट्री | 0 | 0 | 0 | 273 | 189 | 84 | 273 | 189 | 84 | 69.23 | 0 | 0 | 0 | 294 | 158 | 136 | | 150 | 400 | 50.74 | | |
| | वापरेटर | | | | | | | | | | | 0 | | U | 234 | 150 | 136 | 294 | 158 | 136 | 53.74 | 61.20 | 8 |
| 7 | मैकेनिक रिपेयर | 0 | 0 | 0 | 189 | 121 | 68 | 189 | 121 | 68 | 64.02 | 0 | 0 | 0 | 189 | 113 | 76 | 189 | 113 | 76 | 59.79 | | |
| | एण्ड मेन्टीनेन्स | | | | | | | | | | | | | | | | | | | | | | |
| | (टू व्हीलर) | | | | | | | | | | | | | | | | | | | | | 61.90 | 9 |
| 9 | नेटवर्कस | 0 | 0 | 0 | 273 | 201 | 72 | 273 | 201 | 72 | 73.63 | 0 | 0 | 0 | 294 | 157 | 137 | 294 | 157 | 137 | 53,40 | | |
| | टेकनीशियन | | | | | | | | | | | - | Ť | - | | | | | | | | 63.14 | 11 |
| 10 | वाशुलिपि | 273 | 206 | 67 | 21 | 13 | 8 | 294 | 219 | 75 | 74.49 | 273 | 149 | 124 | 21 | 7 | 14 | 294 | 156 | 138 | 53.06 | | |
| | अग्रेजी | | | | | | | | | | | | | | | | | | | | | 63.78 | 12 |



Snapshot of polytechnics – new exam centres:

| S.No | lo. Institution Code Name | Total No. of students |
|------|--|--------------------------|
| 30 | 209 GOVT. POLYTECHNIC, GONDA | 520 |
| 31 | 210 GOVT. POLYTECHNIC, BAHRAICH | 340 |
| 32 | 211 GOVT. GIRLS POLYTECHNIC, AMETHI, SULTANPUR | 390 |
| 33 | 212 GOVT. POLYTECHNIC, UNNAO | 400 |
| 34 | 214 GOVT. POLYTECHNIC, HARDOI | 400 |
| 35 | 215 GOVT. POLYTECHNIC, LAKHIMPURKHEERI | 340 |
| 36 | 216 GOVT. POLYTECHNIC, BAREILLY | 877 |
| 37 | 217 GOVT. GIRLS POLYTECHNIC, BAREILLY | 780 |
| 38 | 218 GOVT. POLYTECHNIC, BADAUN | 520 |
| 39 | 219 GOVT. POLYTECHNIC, PILIBHIT | 400 |

District wise scheme schedule:

| | Scheme name | | | | | | |
|---|-------------|------|------|--|--|--|--|
| District | BRGF | MSDP | BADP | | | | |
| Agra, Uttar Pradesh, India | | | | | | | |
| Aligarh, Uttar Pradesh, India | | | | | | | |
| Allahabad, Uttar Pradesh, India | | | | | | | |
| Ambedkar Nagar, Uttar Pradesh, India | Y | | | | | | |
| Auraiya, Uttar Pradesh, India | | | | | | | |
| Azamgarh, Uttar Pradesh, India | Y | | | | | | |
| Baghpat, Uttar Pradesh, India | | Y | | | | | |
| Bahraich, Uttar Pradesh, India | Y | Y | Y | | | | |
| Ballia, Uttar Pradesh, India | | | | | | | |
| Balrampur, Uttar Pradesh, India | Y | Y | Y | | | | |
| Banda, Uttar Pradesh, India | Y | | | | | | |
| Barabanki, Uttar Pradesh, India | Y | Y | | | | | |
| Bareilly, Uttar Pradesh, India | | Y | | | | | |
| Basti, Uttar Pradesh, India | Y | | | | | | |
| Bijnor, Uttar Pradesh, India | | Y | | | | | |
| Budaun, Uttar Pradesh, India | Y | Y | | | | | |
| Bulandshahar, Uttar Pradesh, India | | Y | | | | | |
| Chandauli, Uttar Pradesh, India | Y | | | | | | |
| Chitrakoot, Uttar Pradesh, India | Y | | | | | | |
| Deoria, Uttar Pradesh, India | | | | | | | |
| Etah, Uttar Pradesh, India | Y | | | | | | |
| Etawah, Uttar Pradesh, India | | | | | | | |
| Faizabad, Uttar Pradesh, India | | | | | | | |
| Farrukhabad, Uttar Pradesh, India | Y | | | | | | |
| Fatehpur, Uttar Pradesh, India | | | | | | | |
| Firozabad, Uttar Pradesh, India | | | | | | | |
| Gautam Buddha Nagar, Uttar Pradesh, India | | | | | | | |
| Ghaziabad, Uttar Pradesh, India | | Y | | | | | |
| Ghazipur, Uttar Pradesh, India | | | | | | | |
| Gonda, Uttar Pradesh, India | Y | | | | | | |
| Gorakhpur, Uttar Pradesh, India | Y | | | | | | |
| Hamirpur, Uttar Pradesh, India | Y | | | | | | |
| Hardoi, Uttar Pradesh, India | Y | | | | | | |
| Jalaun, Uttar Pradesh, India | Y | | | | | | |
| Jaunpur, Uttar Pradesh, India | Y | | | | | | |
| Jhansi, Uttar Pradesh, India | | | | | | | |
| Jyotiba Phule Nagar, Uttar Pradesh, India | | Y | | | | | |
| Kannauj, Uttar Pradesh, India | | | | | | | |
| Kanpur Nagar, Uttar Pradesh, India | | | | | | | |

| Kanshiram Nagar, Uttar Pradesh, India | Y | | |
|--|---|---|---|
| Kaushambi, Uttar Pradesh, India | Y | | |
| Kheri, Uttar Pradesh, India | Y | Y | Y |
| Kushinagar, Uttar Pradesh, India | Y | | |
| Lalitpur, Uttar Pradesh, India | Y | | |
| Lucknow, Uttar Pradesh, India | | Y | |
| Mahamaya Nagar, Uttar Pradesh, India | | | |
| Maharajganj, Uttar Pradesh, India | Y | | Y |
| Mahoba, Uttar Pradesh, India | Y | | |
| Mainpuri, Uttar Pradesh, India | | | |
| Mathura, Uttar Pradesh, India | | | |
| Mau, Uttar Pradesh, India | | | |
| Meerut, Uttar Pradesh, India | | Y | |
| Mirzapur, Uttar Pradesh, India | Y | | |
| Moradabad, Uttar Pradesh, India | | Y | |
| Muzaffarnagar, Uttar Pradesh, India | | Y | |
| Pilibhit, Uttar Pradesh, India | | Y | Y |
| Pratapgarh, Uttar Pradesh, India | Y | | |
| Rae Bareli, Uttar Pradesh, India | Y | | |
| Ramabai Nagar, Uttar Pradesh, India | | | |
| Rampur, Uttar Pradesh, India | | Y | |
| Saharanpur, Uttar Pradesh, India | | Y | |
| Sant Kabir Nagar, Uttar Pradesh, India | Y | | |
| Sant Ravidas Nagar, Uttar Pradesh, India | | | |
| Shahjahanpur, Uttar Pradesh, India | | Y | |
| Shrawasti, Uttar Pradesh, India | Y | Y | Y |
| Siddharth Nagar, Uttar Pradesh, India | Y | Y | Y |
| Sitapur, Uttar Pradesh, India | Y | | |
| Sonbhadra, Uttar Pradesh, India | Y | | |
| Sultanpur, Uttar Pradesh, India | | | |
| Unnao, Uttar Pradesh, India | Y | | |
| Varanasi, Uttar Pradesh, India | | | |

Y indicates the scheme is available in that particular district.

MSDP: Multi Sectoral Development Plan

BRGF: Backward Region Grant Fund

BADP: Border Area Development Program



RAKSHAK FOUNDATION

Rakshak Foundation is a 501(c)(3) non-profit organization headquartered in Santa Clara, California. It partners with Rakshak Foundation NGO, New Delhi, India. It researches different public policy issues and creates awareness about them. Rakshak Foundation sponsors Seminars on public policy matters, sponsors activities to involve the youth in social issues including volunteerism and supports programs to help the needy.Rakshak's Summer Internship Program is aimed at providing an opportunity to highly motivated college students to work on complex real life social/national problems under the mentorship of experts and policy makers.

2784 Homestead Rd, #235 Santa Clara, California - 95051 United States of America

Tel: +1 (408) 329-1492 Email: secretary@rakshakfoundation.org

www.rakshakfoundation.org

