

## **National Awards for eGovernance- 'INNOVATIVE USE OF TECHNOLOGY in e Governance**

**“SAKSHAM” – an enabler for the students of Uttar Pradesh through electronic transfer of Scholarship, Govt. of Uttar Pradesh & National Informatics Centre, Uttar Pradesh URL: <http://scholarship.up.nic.in>.**

### **1. Coverage Geographical and Demographic Coverage..**

#### **(i) Comprehensiveness of reach of delivery centers-**

First project in the country, using IT based initiative for electronic transfer of scholarships directly to the bank account of beneficiaries. 'SAKSHAM' is a comprehensive, online, end-to-end service delivery oriented solution that patronizes students and monitors their growth throughout the education life cycle.

- Innovative approach adopted by government of Uttar Pradesh in disbursing the scholarship and fee reimbursement amount.

- Web based end to end solution for entire process of scholarship distribution and monitoring.

- Integration with Treasury.

- First state in the country to have IT based solution for scholarship distribution since year 2007.

- Use of Digital signature in locking and verification of data and SMS alert for the students at various stages.

- Extensive GPR done to simplify the processes and change archaic rules for scholarship

- Rigorous scrutiny of data

- Made the system more authentic and informative.

#### **(ii) Number of delivery centres**

SAKSHAM Portal is based on the latest centralized processing architecture and ensures 24x7 availability of information through the portal. The portal provides anywhere, anytime access to information and extends a common platform to all concerned departments and facilitates sharing of data amongst the stake-holders. Various reports and statistics provided on the portal help the concerned departments (Social Welfare, Backward Welfare & Minority Welfare) to effectively monitor the progress at all levels and makes decision-making a lot easier.

#### **(iii) Geographical**

- (a) National level – No of State covered – 1

- (b) State/UT level- No of District covered - 75

District level- No of Blocks covered – 831 All over Uttar Pradesh

**Area:** 2.41 lakh sq km

**Population:** 19.9 crore (17% of total country's population)

**Revenue Villages:** 97,134

**Gram Panchayat:** 52,028

**Commissioneries:** 18

**Districts:** 75

**Schools:** More than 2 Lakhs

**Institutions & PG Colleges :** Approx. 4000

(iv) Demographic spread (percentage of population covered) –Approx. 20 % ( approx. 4 crore)

More than 4 crores students from all categories (Scheduled caste, Scheduled tribe, Other Backward class, Minority and General) of economically weaker sections from across the state. The physical summary of number of students benefited during the Year 2013-14 is nearly 3.7 crores ( 174.03 Lakhs of OBC, 110.58 Lakhs of SC, 1.79 Lakhs of ST, 43.16 Lakhs of General and 42.00 Lakhs of Minority students.

The physical summary of approx.. number of students benefited during the year 2013-14 is as follows:

Class 1-5: 254.3 Lakhs

Class 6 to 8: 88.82 Lakhs

Class 9-10: 19.18 Lakhs

Class 11 and above: 34.21 lakhs

Engineering & Technology: 1.4 Lakhs

Medical & Para Medical: 0.16 Lakhs

## **2. Situation Before the Initiative (Bottlenecks, Challenges, constraints etc with specific details as to what triggered the Organization to conceptualize this project):**

The major drawback of the manual system was that there was very little monitoring & control due to the involvement of various departments, distributing agencies and mechanisms of the Scholarship. There was no availability of data that made planning very difficult and resulted in huge losses to the government in financial terms & in its endeavor to take education to masses. Misappropriation & frauds were increasing day-by-day. Some of the critical drawbacks of the manual system were –

- ❖ Huge undistributed sums in Bank Accounts of Institutions especially in cases of Gram Panchayats.
- ❖ Funds not distributed to students immediately. At times the delay was more than a complete session.
- ❖ Discrepancy between demand made & actual requirement. Schools just sent the total number of beneficiaries, there was no mechanism for verification.
- ❖ Fraudulent institutions claimed scholarship funds.
- ❖ No system for effectively checking eligibility of students.
- ❖ No scrutiny of forms submitted by students/schools resulting in false or incomplete information.
- ❖ Serious audit objections for the departments involved and the state government.

❖ Students were required to apply every year for scholarship. These drawbacks cause a big hindrance and threatened the basic objective of state government.

### 3. Scope of Services/Activities Covered-

With the implementation of “SAKSHAM” -e-Scholarship, Uttar Pradesh has become the first state in the country to have used IT based initiative for electronic transfer of scholarships. This project has been a win-win situation for all the stakeholders. “SAKSHAM”- eScholarship project has proved to be a very successful e-Governance Citizen Centric Model as Scholarship to 3.7 crore students has been disbursed, in the session 2013-2014, through this system.

The project has streamlined the distribution of Scholarships across the state through direct transfer of scholarship to the bank account of Gram Panchayats, Schools or Students as the case may be. It helps in timely disbursement of funds with auto-generation of department-wise demand for each district and school and is rich in terms of content for all the stakeholders. It provides a common platform to all concerned departments and facilitates data sharing amongst the stakeholders. The MIS & different reports generated by the application help the state government to analyze the overall impact of the various scholarships being provided to the students. It helps the decision makers to understand the problem areas and modify schemes/policies to have a better coverage and remove deficiencies.

The SAKSHAM portal was designed to utilize the inherent strength of Internet and its excellent outreach and feedback capabilities for ushering in transparency in the system. New-age banking systems have been integrated & 'no-frill accounts' of students with zero balance facility have been opened by the banks as a major step towards **financial inclusion**. **Process Re-engineering** has been done to simplify the existing procedures and make them easier for general public. Various reports and statistics are available online for the decision makers for effective monitoring & management.

The piecemeal computerization effort adopted in the past has been replaced with a comprehensive, online, end-to-end service-delivery-oriented solution, resulting in speed and certainty of delivery of services. Besides simplifications and improvements in the ways of working, this approach has brought about a fine balance between facilitation and compliance as a blend of well-defined goals and performance metrics. This portal has been developed under latest centralized architecture to ensure data security, 24x7 availability of information through the portal and streamlines the processing of scholarship data.

First time the use of SMS for providing the status to students at various levels of activities performed using the Scholarship portal (e.g. Registration, Final application submission by student. Demand generation and scholarship disbursement by the respective department) has been incorporated, gives much ease and clarity to students.

Use of digital signature for online verification and demand generation by respective officers ensures accuracy and authenticity. Digital signature enforces additional security on actions performed by officers.

Scrutiny of Data prior to Processing on various criteria viz. matching of roll no data with the data of Madhyamik Siksha Board, GoUP, matching of income/caste certificate with the Data of Issuing Department (Revenue Deptt.), Marking of erroneous data (Name, Account no., Fees)

Integration of Central Plan Scheme Monitoring System (CPSMS), during beneficiary account verification and validation. The CPSMS scheme has established a common transaction-based on-line fund management and payment system and MIS for the Plan Schemes of Government of India and now has been extended to State Governments for effecting payments of plan funds received directly at the State Treasuries. CPSMS supports fund management and e-payment through a secure integration with Core Banking Solutions (CBS) of 90 banks (26 Public Sector Banks, 59 Regional Rural Banks and 5 major Private Sector Banks). CPSMS for the first time in the area of public financial management is geared to generate a transaction-based, robust, reliable and transparent Financial Management Information System (FMIS). Unlike other MIS applications where financial MIS relies on post-facto data feeding, the fund utilization data in CPSMS has one to one correlation with the banking transactions effected by the implementing agencies. Thus, the FMIS available from the system has bank reconciled data on financial transactions on a real time basis.

#### **4. Strategy Adopted**

(i) Details of base line study done,

It was undertaken as a mission mode project and was completed in a record time of three months. A massive exercise was carried out for collecting & compiling data of all the beneficiaries & schools (government & private) across the state. Nearly 3 lakhs persons worked day & night to accomplish the task in specified time frame and the Portal was formally launched by the Chief Secretary, Government of Uttar Pradesh on 30th August 2007. The SAKSHAM-eScholarship portal was developed in a short time of two months while the porting of data from manual process to digital version was accomplished through a highly optimized migration module.

(ii) Problems identified,

1. Uttar Pradesh is a very large state and multiple departments involved in distribution of scholarship. And there was no sharing of data as there were no common platform. Scholarship not distributed to students in time and Huge undistributed funds with Institutes → Electronic transfer of scholarship directly to Bank a/c of Students/ Institutes/ Panchayat.
- 2- No system to verify eligibility of students → Creation of central databases available on NET with unique-id for all students and all information available online. District-wise, school-wise student details on NET.
- 3- Lack of transparency, duplicate & fraudulent cases, misappropriation of funds etc. → A common platform for all departments to share data and information.
- 4- No data sharing with multiple departments involved in scholarship process → Comprehensive MIS to measure the impact of scholarship and for planning
- 5- Data collection and data entry of such a huge volumes of data in stipulated time. → Massive exercise have been done for data collection and data entry.

(iii) Roll out/implementation model,

The SAKSHAM portal is running successfully since year 2007. Many state governments have shown willingness to adopt this model for the distribution of scholarship in their respective states.

(iv) Communication and dissemination strategy and approach used.:

The Portal is very user friendly and all the step by step detail operational information/help are available on the website. The User needs not require much expertise of computer. The user can easily operate on the portal easily with even with minimal working knowledge of ICT technology. This scheme is one of the most important social benefit scheme of Government of Uttar Pradesh. All the information is available on Portal from Online Registration to Disbursement of Scholarship and Feereimbursement. The information is also provided to students by SMS also.

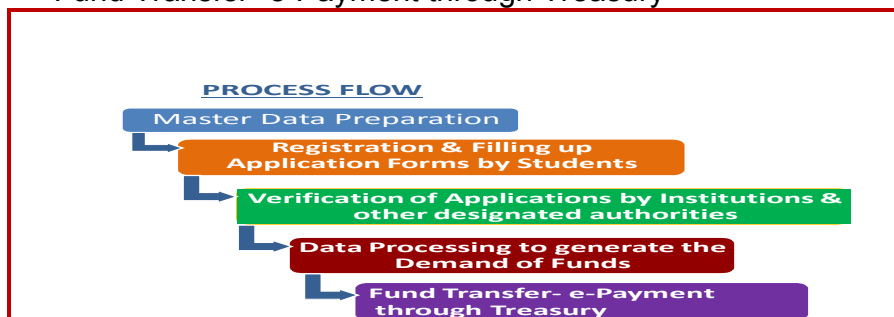
## 5. Technology Platform used-

(i) Description - “SAKSHAM” web portal has been developed by using the Microsoft technologies (SQL Server 2008 R2 & .Net 4.0, Web 2.0, JQuery)

(ii) Interoperability –

The Online Post Matric and Fee reimbursement system has been basically divided into following modules-

- Master database preparation by respective institutions and District Welfare officers.
- Online Registration & Filling up Application Forms by Students
- Verification of Applications by Institutions & other designated authorities
- Data Processing to generate the Demand of Funds
- Fund Transfer- e-Payment through Treasury



These modules are interoperable to communicate meaningful information among them. The “SAKSHAM” scholarship web portal is already functional and hosted at SDC after security audit. The same can be used by other states after some customization. Component based approach has been used for developing the portal. SAKSHAM is web based system and can easily be replicated in other states.

(iii) Security concerns - For ensuring accuracy and authenticity of data, the Digital Signature has been implemented for online verification and demand generation by respective officers. Digital signature enforces additional security on actions performed by officers. The Web Portal is security audited by the CyberQ consulting pvt. Ltd.

(iv) Any issue with the technology used - NO

(v) Service level Agreements(SLAs) (Give details about presence of SLA, whether documented, whether referred etc. #)

- G.O. by Chief Secretary issued on 22nd June 2007 for Computerization of scholarship operational from academic year 2007-08, in which roles and

responsibilities are clearly defined. Instructions were given time to time for effective implementation of system.

- On 26th September 2012, GoUP formed the detailed Post Matric Scholarship Niyamawali'2012 framed by GoUP.
- For academic year 2013-14 the GoUP has took decision for inviting the Online Application for Post Matric Scholarshi & Fee reimbursement
- For effective implementation of the system GoUP has made necessary amendments in Rules (Niyamawali)

## 6- Demonstrate Innovative use of ICT for development-

“**SAKSHAM**” is the first of its kind project in the country to have used IT based initiative for electronic transfer of scholarships to the right and deserving students within time frame and without leakages, increased transparency in distribution of scholarships, provide speedy transfer of scholarships to the students, prevent frauds, minimize misappropriation of funds, build a comprehensive MIS for the Government & devise a tool for proper monitoring, control & planning for the state government

The “SAKSHAM” portal was developed in a short time of two months while the porting of data from manual process to digital version was accomplished through a highly optimized migration module.

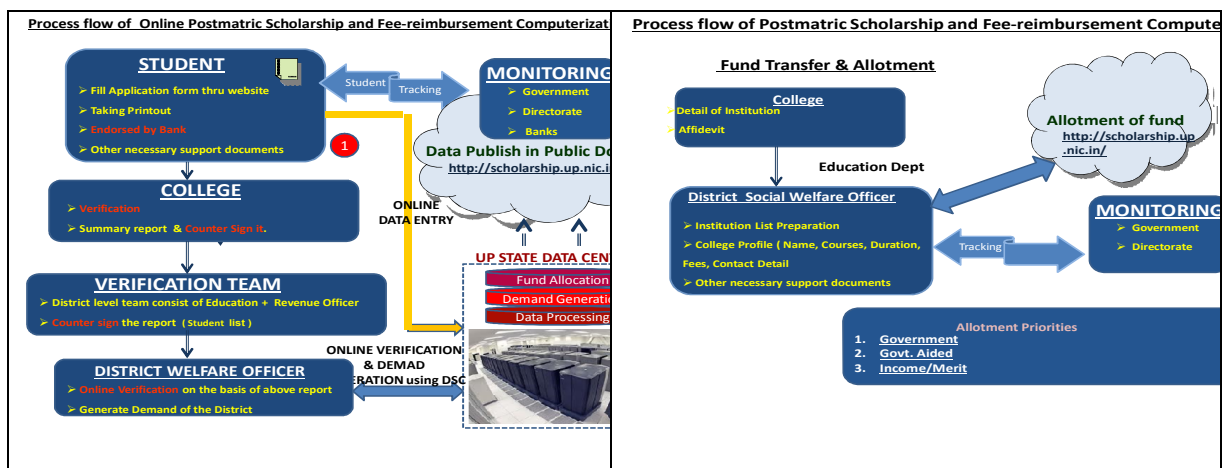
It is based on the latest centralized processing architecture and ensures 24x7 availability of information through the portal.

Some of the major steps taken to ensure the adherence of time lines include –

1. Formulation of department wise strategy, deliverables and targets.
2. Activity wise time schedule and online monitoring
3. Declaring status in June 2007 as the base line and formulating targets accordingly.
4. Ownership of commitments amongst employees.

The portal was designed to utilize the inherent strength of Internet and its excellent outreach and feedback capabilities for ushering in transparency in the system. New-age banking systems have been integrated & 'no-frill accounts' of students with zero balance facility have been opened by the banks as a major step towards **financial inclusion**. **Process Re-engineering** has been done to simplify the existing procedures and make them easier for general public. Various reports and statistics are available online for the decision makers for effective monitoring & management.

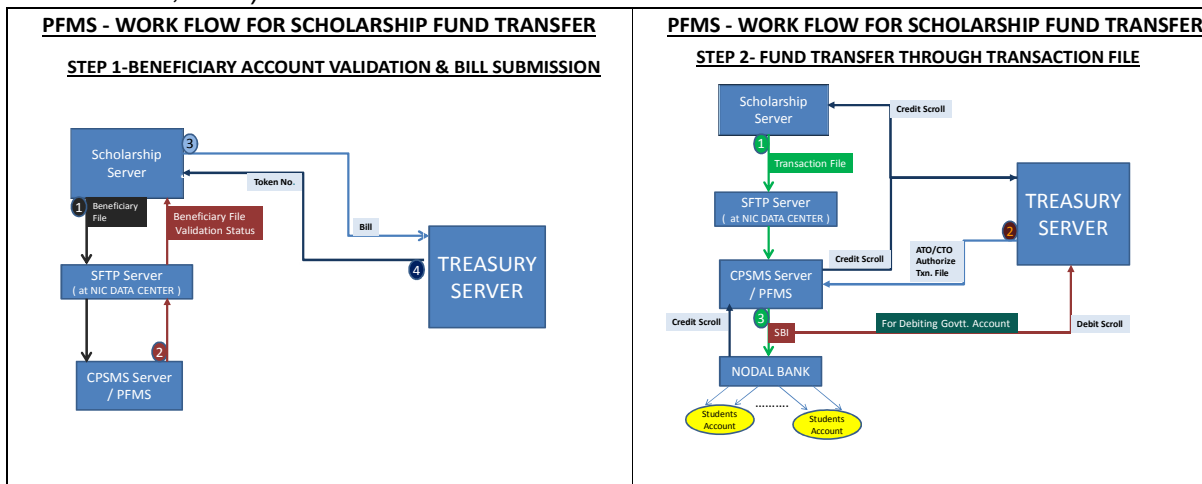
The piecemeal computerization effort adopted in the past has been replaced with a comprehensive, online, end-to-end service-delivery-oriented solution, resulting in speed and certainty of delivery of services. Besides simplifications and improvements in the ways of working, this approach has brought about a fine balance between facilitation and compliance as a blend of well-defined goals and performance metrics. This portal has been developed under latest centralized architecture to ensure data security, 24x7 availability of information through the portal and streamlines the processing of scholarship data.



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Integration of Central Plan Scheme Monitoring System (CPSMS), during beneficiary account verification and validation. The CPSMS scheme has established a common transaction-based on-line fund management and payment system and MIS for the Plan Schemes of Government of India and now has been extended to State Governments for effecting payments of plan funds received directly at the State Treasuries. CPSMS supports fund management and e-payment through a secure integration with Core Banking Solutions (CBS) of 90 banks (26 Public Sector Banks, 59 Regional Rural Banks and 5 major Private Sector Banks). CPSMS for the first time in the area of public financial management is geared to generate a transaction-based, robust, reliable and transparent

Financial Management Information System (FMIS). Unlike other MIS applications where financial MIS relies on post-facto data feeding, the fund utilization data in CPSMS has one to one correlation with the banking transactions effected by the implementing agencies. Thus, the FMIS available from the system has bank reconciled data on financial transactions on a real time basis.

## **7. Citizen Centricity (Give specific details on the following#)**

### **(i) Impact on effort, time and cost incurred by user,**

The impact on the beneficiaries as well as on the Government has been tremendous. The benefits include substantial savings in cost and time, reduced mal practices and, above all, a modern, efficient & convenient system. For the Government there have been savings both in terms of finance & manpower, less strenuous work, higher productivity and few errors in computation & calculations. For the citizens, there is complete transparency in scholarship transaction throughout the state and lesser effort is required to get the information which is universally accessible on Internet.

### **(ii) Feedback/grievance redressal mechanism,**

Since, the Students can track his application status and amount disbursed to him, if any, at any point of time. The Sponsoring departments ( Social Welfare, Backward Class Welfare and Minority Welfare) sets up grievance cell and toll free no for registering complaint in their department to take care of the Complaints, if any.

### **(iii) Audit Trails,**

The Portal has Security Audited and hosted on state of art State Data Centre.

### **(iv) Interactive platform for service delivery,**

For the Government there have been savings both in terms of finance & manpower, less strenuous work, higher productivity and fewer errors in computation & calculations. For the citizens, there is complete transparency in scholarship transaction throughout the state and lesser effort is required to get information which is universally accessible on Internet. Substantial amount has been saved as a result of switching from manual to web based electronic system. The State Government was able to save a lot of revenue by deleting duplicate and bogus beneficiaries. The amount was utilised to increase the number of beneficiaries as scholarship is a budgeted activity.

### **(v) Stakeholder consultation**

The SAKSHAM- eScholarship project is one of the most priority project of GoUP and closely monitored by highest level. The G.O. issued time to time for successful implementation of project. Roles and responsibilities of each stakeholders are clearly defined in the G.O.

## **8-Adaptibility and Scalability**

- The “SAKSHAM” scholarship web portal is already functional and hosted at SDC after security audit. The same can be used by other states after some customization
- Component based approach has been used for developing the portal.
- SAKSHAM is web based system and can easily be replicated in other states.



“SAKSHAM” web portal has been developed by using the Microsoft technologies (SQL Server 2008 R2 & .Net 4.0, Web 2.0, JQuery).

For ensuring accuracy and authenticity of data, the Digital Signature has been implemented for online verification and demand generation by respective officers. Digital signature enforces additional security on actions performed by officers. The Project is running successfully since its inception in year 2007. The Government has On 26th September 2012, GoUP formed the detailed Post Matric Scholarship Niyamawali'2012. For academic year 2013-14 the GoUP has took decision for inviting the Online Application for Post Matric Scholarship & Fee reimbursement. For effective implementation of the system GoUP has made necessary amendments in Rules (Niyamawali). The invitation of Online Applications by students started from 1st Oct,2013 for the session 2013-14.

SAKSHAM-eScholarship portal was launched in 2007 and is running successfully from last 6 academic sessions. The concept of electronic transfer of funds to beneficiary bank a/c has been very successful in preventing leakage of government funds and is adopted for other projects as well. The project has paid rich dividends both to the government and citizens and that is a critical sustaining factor. This portal is not meant for revenue generation but it save a lot of revenue indirectly by minimizing the leakage of funds.

The Portal is very user friendly and all the step by step detail operational information/help are available on the website. The User needs not require much expertise of computer. The user can easily operate on the portal easily with even with minimal working knowledge of ICT technology. This scheme is one of the most important social benefit scheme of Government of Uttar Pradesh and always monitored by Highest level of administration. The department of social welfare organized various workshops/training programmes at state and district level for educating the schools/institutes, concern welfare officers, education department and banks officials, so that everyone can perform their roles and responsibilities well.

## **9- Adaptability Analysis**

### **(i) Measures to ensure adaptability and scalability**

The portal has designed in such a manner, it can be easily adopted by other state also.

### **(ii) Measures to ensure replicability**

Many state governments have shown willingness to adopt this model for the distribution of scholarship in their respective states. On request, presentation of the (SAKSHAM) project was made at **Ministry of Tribal Affairs, Gol**, Shastri Bhavan, New Delhi. Presentation of the project was made before **Ministry of Minority Affairs,Gol** for eScholarship, Uttar Pradesh this year. Ministry is planning to incorporate some features of the system to their Central Prematric Scholarship.**Govt. of Andhra Pradesh** also runs schemes to provide financial assistance in terms of scholarship to the SC/ST/Minority and BPL category students. A team of Senior Officers from Commissionerate of Social Welfare under Social Welfare Department, Govt. of Andhra Pradesh visited Uttar Pradesh to study the system.**Govt. of Madhya Pradesh** sent a team of 4 senior officers to study the eScholarship system of UP.to study the successful execution of the project.

(iii) Restrictions, if any, in replication and or scalability

The Other state can be use the system with the consultation of Sponsoring departments.

(iv) Risk Analysis

## 10. New Model of Service Delivery-

“**SAKSHAM**” is the first of its kind project in the country to have used IT based initiative for electronic transfer of scholarships to the right and deserving students within time frame and without leakages, increased transparency in distribution of scholarships, provide speedy transfer of scholarships to the students, prevent frauds, minimize misappropriation of funds, build a comprehensive MIS for the Government & devise a tool for proper monitoring, control & planning for the state government

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## **11. Efficiency Enhancement** (Give specific details about the following #)

(i) Volume of transactions processed:

Approx. 4 crores students from Class 1 to PG

(ii) Coping with transaction volume growth:

The Web portal is hosted at State of the art State Data Center with the latest centralized processing architecture to ensures reliability, data integrity as well as 24x7 availability of information.

(iii) Time taken to process transactions:

Since this is time bound Process. The System is designed and buildup of several important activities, the coordination amongst which ensures timely completion of whole process.

(iv) Accuracy of output:

All the data is available 24x7 on internet in transparent manner

(v) Number of delays in service delivery: NO

## **12. User convenience** (Give specific details about the followings #)

(i) Service delivery channels (Web, email, SMS etc.)

The Portal is very user friendly and all the step by step detail operational information/help are available on the website. The User needs not require much expertise of computer. The user can easily operate on the portal easily with even with minimal working knowledge of ICT technology. This scheme is one of the most important social benefit scheme of Government of Uttar Pradesh and always monitored by highest level of administration. The department of social welfare organized various workshops/training programmes at state and district level for educating the schools/institutes, concern welfare officers, education department and banks officials, so that everyone can perform their roles and responsibilities well. The **SMS feature** has been incorporated to update the students/beneficiaries about latest status of process in this scholarship system. Nearly 1.5 crore SMS were auto generated through the system at different stages.

Students were not required to apply every year for scholarship, only few information is require to update like. Percentage of marks, Fee information etc..

**(ii) Completeness of information provided to the users,**

The project has streamlined the distribution of Scholarships across the state through direct transfer of scholarship to the bank account of Gram Panchayats, Schools or Students as the case may be. It helps in timely disbursement of funds with auto-generation of department-wise demand for each district and school and is rich in terms of content for all the stakeholders. It provides a common platform to all concerned departments and facilitates data sharing amongst the stakeholders. The MIS & different reports generated by the application help the state government to analyze the overall impact of the various scholarships being provided to the students. It helps the decision makers to understand the problem areas and modify schemes/policies to have a better coverage and remove deficiencies.

**(iii) Accessibility (Time Window),  
24x7**

**(iv) Distance required to travel to Access Points**

Any one eligible can take benefit of this scheme by applying online through this Web Portal, which is available 24 x7 via internet. The web Portal can be accessed by Cyber café/Home in Urban areas whereas in rural areas it can be accessed through CSCs vastly spread across the State.

**(v) Facility for online/offline download and online submission of forms,**

The system has been divided into different modules and district wise data entry has been done at district level using the offline data entry s/w for **Pre matric** and Student apply online for **Post Matric Scholarship & Fee reimbursement**. The automated system introduces transparency in the overall system. It reduces transaction costs & prevents duplication of effort.

**(vi) Status tracking**

The SAKSHAM goes a step beyond electronic distribution of scholarships. It assigns a unique identification to each student getting scholarship and tracks the performance of the student till he/she gets proper employment opportunity. Student can get the status at any point of time about the status of scholarships/fee reimbursements details.

## **13- Sustainability-**

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**14. Result Achieved/ Value Delivered** to the beneficiary of the project-(share the Results, matrices, key learning"s, feedback and stakeholders statements that show a positive difference is being made etc):

**(i) To organization**

***The "Saksham" provides a common platform to all the departments (social welfare, minority welfare, backward class welfare, education & planning) involved in the scholarship management process.*** The online availability of information helped in monitoring of enrolment, attendance and drop-out rates. While the MIS helped to analyze the overall impact & outcomes of scholarships being provided to the students. The statistics also helped in understanding the problem areas and modify schemes/policies to have a better coverage and remove deficiencies. There are no cases of funds lying unutilized and the system has provided savings both in terms of finance & manpower - less strenuous work, higher productivity and few errors in computation & calculations. **State Government was able to save huge sums by preventing frauds and bogus scholarship payments.**

**(iv) To citizen**

For the citizens, there is complete transparency in scholarship transaction throughout the state and little effort is required to get the information which is universally accessible on Internet. The verification processes have improved as the application software takes care of the duplicate records. The complete student profile is available online and the system provides all information - name, roll number, father's name, category, class and gender of the beneficiary. It also records the scholarship amount, name of the bank and its branch and the account number through which the student received the money thereby removing bogus beneficiaries and schools.

The project has already benefited more than 17.4 million students of OBC category, 11.0 millions of Schedule caste category, 43.16 million of Minority community and 42.9 million students of General category in year 2013-14.

**(iii) Other stakeholders**

<b>Students &amp; Parents</b>	<ul style="list-style-type: none"><li>• Assured of timely transfer of funds into their bank accounts.</li><li>• Not required to fill a new form for Scholarship every year</li><li>• No need to run around different offices for scholarship.</li><li>• Not required to attach multiple certificates (caste, domicile, income etc.) at different stages. Only birth certificate and BPL family ID needed</li></ul>
<b>Schools, Institutes &amp; Gram Panchayat</b>	<ul style="list-style-type: none"><li>• Schools &amp; Gram Panchayats finds it much easier to distribute funds, as it is directly credited to their bank account before specified dates.</li></ul>
<b>Sponsoring Departments Social Welfare, Minority Welfare &amp; Backward Class Welfare &amp; State Government</b>	<ul style="list-style-type: none"><li>• Have more time and statistics to assess the impact of scholarships</li><li>• Improved verification processes to confirm eligibility criteria</li><li>• Reduction in fraudulent transactions.</li><li>• There are no cases of funds lying unutilized</li><li>• Less strenuous work, higher productivity of staff and reduced errors in computation &amp; calculations.</li><li>• Automatic generation of scholarship demands and faster financial transactions</li></ul>
<b>Education&amp; Planning Department</b>	<ul style="list-style-type: none"><li>• The online availability of information helps the department in monitoring enrollment, attendance and dropout rates.</li></ul>

**15. Extent to which the Objective of the Project is fulfilled-(benefit to the target**

**audience i.e.G2G, G2C, G2B, G2E or any other, size and category of population/stakeholder benefited etc):**

The impact on the beneficiaries as well as on the Government has been tremendous. The benefits include substantial savings in cost and time, reduced mal practices and, above all, a modern, efficient & convenient system. For the Government there have been savings both in terms of finance & manpower, less strenuous work, higher productivity and few errors in computation & calculations. For the citizens, there is complete transparency in scholarship transaction throughout the state and lesser effort is required to get the information which is universally accessible on Internet. Some of the other advantages that have accrued are –

- Substantial reduction in delays of scholarship distribution
- Online aggregation of expenditure
- Better utilization of funds as a result of elimination of middlemen and frauds
- Change in policy or guidelines can be addressed centrally and can be made effective immediately through the portal.

This system provides a common platform to all concerned departments ( Social Welfare, Backward class Welfare, Minority Welfare, Educations department, Treasuries ) and facilitates data sharing amongst the stakeholders. The MIS & different online reports generated by the application, help the state government to analyze and assess the overall implementation and impact of the various scholarships being provided to the students.

For the Government there have been savings both in terms of finance & manpower, less strenuous work, higher productivity and fewer errors in computation & calculations. For the citizens, there is complete transparency in scholarship transaction throughout the state and lesser effort is required to get information which is universally accessible on Internet. Substantial amount has been saved as a result of switching from manual to web based electronic system. The State Government was able to save a lot of revenue by deleting duplicate and bogus beneficiaries. The amount was utilised to increase the number of beneficiaries as scholarship is a budgeted activity.

SNo	Category	Student (in Lakhs)			Amount (in Crores)			
		Pre-Matric	Post-Matric	Total	Pre –Matric Scholarship	Post –Matric Scholarship (Rs. in crores)	Post –Matric Fee Reimbursement ( Rs. In crore )	Total
1.	OBC	158.99	15.04	174.03	589.11	359.02	498.31	1446.44
2.	SC	99.77	10.81	110.58	428.41	407.12	982.18	1817.71
3.	ST	1.73	0.06	1.79	7.02.	2.46	2.51	4.97
4.	MINORITY	40.93	2.23	43.16	150.68	59.6	60.77	271.05
5.	GENERAL	36.24	6.64	42.88	137.78	252.76	432.12	822.66
	<b>TOTAL</b>	<b>337.66</b>	<b>34.78</b>	<b>372.44</b>	<b>1305.98</b>	<b>1080.96</b>	<b>1975.89</b>	<b>4362.83</b>

#### 16. Comparative Analysis of earlier Vs new system with respect to the BPR, Change Management, Outcome/benefit, change in legal system, rules and Regulations

Before the Innovation	After the Innovation
Had to fill forms every year for scholarship	Not required to fill forms every year A unique-id is given to every student
Attach multiple certificates with the scholarship application form	Only Birth certificate & BPL Id is required
Run around different offices for scholarship disbursement	Details of scholarship is available online as soon as it is transferred to bank a/c
In spite of different scholarship programmes the dropout rate was not coming down due to large gap between allotment and actual benefit reaching the beneficiary	<ul style="list-style-type: none"> <li>➤ Children get the scholarship on time and directly in their bank account.</li> <li>➤ Improved enrollment and better attendance</li> </ul>
No tracking mechanism of students and the progress	Proper tracking is done till higher education.
<b>No. of children impacted</b>	<b>373 lakh children every year</b>

#### 17. Other distinctive features/ accomplishments of the project:

- Uttar Pradesh is the **First state** in the country to have used IT based initiative for Electronic transfer of Scholarships.
- A massive exercise done for collecting & compiling data for **more than 4.0 crore** Beneficiaries and nearby **2 lakhs** schools (government & private) across the state.
- A complete **Web Based Portal** designed, developed and implemented by NIC, Uttar Pradesh in two month.
- Bank opening **Zero balance** accounts for all the eligible beneficiaries for facilitate direct transfer of Scholarship.
- Transfer of funds from Directorate to beneficiaries Account **within one week**.
- **Processing of Data** at District level giving more control to District Administration.
- **G.O.** from Chief Secretary, GoUP making computerization of e-Scholarship operational from **academic year 2007-2008** issued on 22nd June 2007.
- Web address: <http://scholarship.up.nic.in> .
- More than **3.72 crore** student beneficiaries in the year **2013-14**
- A total sum exceeding **₹ 4362 crore disbursed electronically** through the system