

RUDRAPRAYAG District, Uttarakhand

Investment in ICT to amplify efficiency in e-Governance services

The NIC district Rudraprayag is committed to provide technical support for implementing IT initiatives of the government to enable citizens to access government services easily & efficiently. This will enable transparency in the delivery of e-Services and help in gaining faith of citizens in the system.



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Rudraprayag is a small beautiful district surrounded with Himalayan Mountain and natural paradise. It lies at the confluence of two rivers Alakananda and Mandakini. Rudraprayag is one of the Panch Prayags or five confluences of Alaknanda River.

District NIC is playing an important role in implementing ICT services in the district and providing technical support to District Administration for an efficient and smooth running of IT-enabled services.

IMPORTANT DISTRICT LEVEL INITIATIVES

Wireless Local Area Network

Wireless Local Area Network is established by District Administration using point-to-point and point-to-multipoint wireless hopping technique from District Head Quarter to Shri Kedarnath Temple (at elevation of 11,600 ft.) along Shri Kedarnath yatra route, covering all the halting points. The network is established in an extremely difficult topography and high altitude terrain and successfully provides the following services to District Administration, Government/ Non Government Agency, local public and pilgrims:

- 24x7 live surveillance of halting points along yatra route as well as reconstruction work going at Kedar valley.
- Hot line SIP communication to various government agencies deployed and working at Kedar valley.
- Free Wi-Fi and live display of Kedarnath shrine to the pilgrims.
- VC services at all critical locations.
- RFID Tracking of mules and horses



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There has been a lot of contribution made by District NIC Rudraprayag in the implementation of e-Governance Services running in the district. Lakshya Project has been started to improve the quality of education of the district and to increase the success of district in competitive examination.

A “Local Wireless Network” has been established in Kedar valley for the monitoring of Kedarnath yatra and reconstruction work. It has played a significant role in increasing the volume of yatra and strengthening of communication network & other e-services in Kedar valley.

I hope that with the technical support of NIC Rudraprayag, District Administration will increase effectiveness and transparency in other key sectors in the near future.

MANGESH GHILDIYAL
District Magistrate
Rudraprayag, Uttarakhand

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along yatra route.

- Network Support to Media, News Channels for broadcasting the live feed of



Monitoring of Kedarnath Yatra



Kedarnath Shrine through their TV channels.

- Network support to Telecommunication agencies like BSNL, Airtel and Vodafone for establishing mobile services (voice/ data, 2G, 3G, 4G) at Kedar valley.
- The network is further integrated with SWAN and NKN for enabling surveillance at Chief Secretary Office, Dehradun and SEOC, Dehradun and Prime Minister Office, New Delhi.



• Using drone camera and network services, Hon'ble Prime Minister, Shri Narendra Modi himself monitored the reconstruction work at Kedar Valley.

• Public Address System installed at all the critical points along route for communication and broadcasting important messages to pilgrims.

LAKSHYA

In order to improve the quality of educa-

tion of the district, the project LAKSHYA is an attempt to improve the quality of education at each level like primary, secondary & higher education.



Lakshya App

Primary & Upper Primary Education

Mobile App and Web Portal have been launched by District Administration with support of NIC, Rudraprayag for subject wise efficiency monitoring of all the students studying in 750 Government

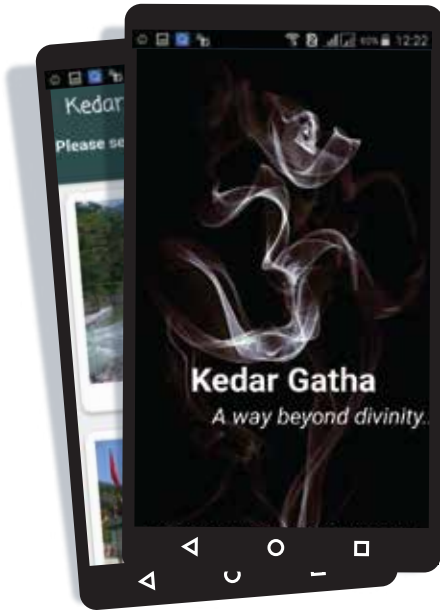
Primary and Government Upper Primary Schools of the district. As a teacher logs into the Mobile App, the details of all the students are displayed with the fields of their competencies in each subject. The competencies earned in each month by the students are mapped to the mobile app by the teacher, which can be viewed on the web portal. The competencies acquired by every student of a school in a month can be compared with other students or other schools on the web portal. The school performance is monitored by District Administration on monthly basis and inspection of the targeted school is done by CRC and district level officer. On the basis of their monthly performance and the actual feedback, video of the best performing school is collected and uploaded to the portal. Uploaded video is displayed in the app so that other students and teachers can avail benefits of the subject knowledge and teaching style of the best performing school.

Secondary Education

Further, the wireless local area network is extended to 12 Government Inter Colleges. Offline coaching of the Engineering and Medical Entrance Examination has been started in two main centres of the district. A faculty of enthusiastic and



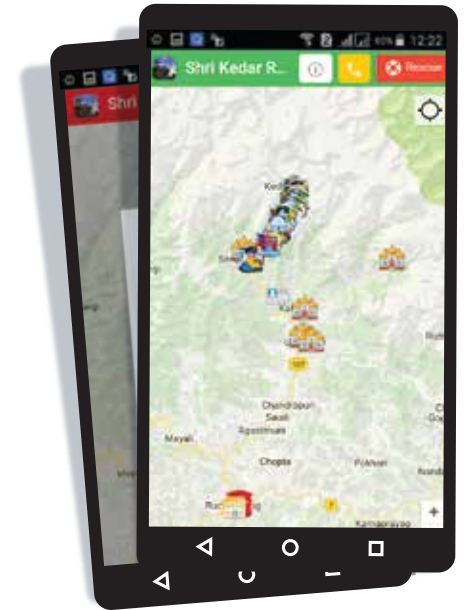
Monitoring of Reconstruction work from District Emergency Operation Centre



Kedar Gatha App



Kedar Diary



Shri Kedar Rescue App

dedicated teachers of the Department of Education, Kendriya Vidyalaya and Degree College has been formed for the successful implementation of this programme. The network is also used for live classes as per subject and faculty requirement of all the connected schools.

OTHER KEY INITIATIVE

District Website

District website has been migrated to S3WaaS (Secure, Scalable and Sugama Website As A Service) platform. The S3WaaS platform is a website generating framework based on SaaS (Software as a Service), hosted on the National Cloud of NIC with multilingual support and accessibility features for the physically challenged people.

Arms License

NDAL-ALIS application developed by NIC is running smoothly in the district. The District Licensing Authority is issuing/ renewing arms license via online portal.

Health Services

NIC district unit has provided technical support to health department for the smooth running of health services like Online Registration System for OPD Appointment (<https://ors.gov.in>), Computerization of Digital Parchi System, CRS (Civil Registration System) for

birth/ death certificate, MCTS etc.

Revenue Services

NIC, Uttarakhand has developed an e-District portal to provide government services to citizens through Common Service Centres (CSC) which are easily accessible. Currently, the delivery of 15 Revenue services has been enabled in the portal, along with employment registration service.

MOBILE APPLICATION FOR SHRI KEDARNATH YATRA

Kedar Gatha App

A Mobile Application has been launched by the District Administration to provide the prerecorded audio information of all the historical places to the pilgrims coming for Kedarnath Yatra. The audio information is available in 21 languages. The audio can be played in manual and automatic modes using the geo location of users.

Kedar Diary

This is an informative App for pilgrims to get information related to Kedarnath Yatra such as the contact list of all the nodal officers deployed by District Administration, list of hotels with contact numbers, Police chaudi, helipad, MRP (Medical Relief Post), Temples, ATM, Registration counter and daily weather alert. Pilgrims can also send feedback to District Admin-

istration regarding the yatra.

Shri Kedar Rescue Android App

The App helps pilgrims get information about all the important resources like the location of helipads, relief camps, Police chaudi, evacuation routes, important contact numbers etc. It has the feature of an emergency response system by which a user/ needy person can send an emergency SOS at the time of disaster to inform the admin about their location and the help needed. The admin can track the user in admin panel and can respond accordingly.

SUMMARY

The NIC district Rudraprayag is committed to provide technical support for implementing IT initiatives of the government to enable citizens to access government services easily and efficiently. This will enable transparency in the delivery of e-Services and help in gaining faith of citizens in the system.

For further information, please contact:

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