Government Shivalik College Naya Nangal

NAAC Reaccredited 'B' Grade

ANNUAL E-GOVERNANCE REPORT

(Presented for Approval of Academic Council)

E-Governance is the use of information and communication technologies (ICT) in organizations to provide user services, to improve work efficiency and to promote democratic values. It is being used as a platform for efficient, transparent and timely delivery of services to all the stakeholders. In essence the purpose of e-governance is to bring transparency and efficiency in the working of an organization. This urge for transparency and efficiency is derived by the demand of ever increasing aspirations of information age. Speedy and cheaper communication, convenience, transparency, accountability, improved customer services and increased access to information are some of the basic parameters on which the concept of e-governance relies and finds its foundation.

Government Shivalik College Naya Nangal is trying its best to keep pace with the recent applications of e-governance in terms of various functions being performed digitally through internet. The necessary infrastructure is provided partly by the state government and partly by the RUSA and similar other funding agencies through development and project grants. Most of the staff and students use smart phones to utilize the benefits of modern day technologies available in the field of higher education. Regular digital literacy programs are conducted for students and staff-members. A wellequipped IT-Cell has been established in the College to monitor and regulate smooth functioning of computer systems and to address all IT related issues so that maximum benefits could be ensured out of them. Students and staff-members are provided helpdesk pattern assistance and support through IT-Cell in case of software and online portal related issues. Not only that, IT-Cell maintains online MIS and other data formats of the College up-to-date. The overwhelming response of human resource to digital technology has strengthened the prospects of e-governance in different areas of operation. By and large, in Govt. Shivalik College the following operational fields of educational administration have been identified for realizing the exquisiteness of e-governance.



1. Planning and Development

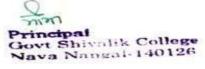
Online official communications regarding planning and development is realized through e-mails, MIS modules & messages. Proposals for infrastructural development, & other projects, seminars & workshops, various grants and scholarships are prepared and submitted online through participative management system to concerned organizations including state government and sanctions are obtained through the same mode. Necessary budget allocations for various schemes including research projects are also realized digitally through net-banking and other online modes. Various MIS modules are an integral part of the data and information transfer process between the College and the higher education department. The following main organizational assignments are carried out online-

- Working with various web-based MIS modules,
- Communication through e-mails to government and other agencies,
- Proactive disclosure of incessant information on its web-page,
- Large scale computerization,
- Conduction of computer awareness programs for teachers and students,
- Management of e-library, and
- Endless such functions as components of e-governance scheme.

Proper training for working on different user interfaces is organised by IT-Cell throughout the year. Apart from maintaining online MIS & other data formats up-to-date and keeping hardware and software inventory of College up-to-date & accurate, new proposals for conduction of online courses and development of IT based infrastructure is also initiated by the Cell. A dedicated WhatsApp Group has been created at institution level and also in each academic department for sharing orders, information, direction and discussion on a common platform. The necessary budgetary allotments for implementation of government schemes such as HE-24 etc. skill development and digital awareness are provided by the government and proper utilization is ensured with utmost transparency within time limits.

2. Administration

The College administration has stepped ahead in the direction of paperless administration and almost all communications with higher authorities are realized online through e-mails and other digital formats. The ICT based significant institutional tasks carried out online as part of the e-governance program can be outlined as-



- Management of e-service books (ER Sheets) of employees through ihrms portal
- Supervision of various scholarship schemes,
- Maintenance & disclosure of comprehensive information on its web-page,
- Development of ICT based infrastructure in the College,
- Applications including transfer applications & online leave management through online module,
- Wi-Fi campus and online attendance system for students.
- Fully computerised office and academic departments,
- Conduction of seminars/workshops/trainings on digital literacy,
- Organization of computer awareness programs,
- Management of e-resources in central library & departmental libraries,
- Availability & monitoring of internet connection,
- Issuance of salary/GPF e-slips,
- Disbursement of GPF part-final/advance payments,
- Salary payment to employees through RTGS, & PFMS PORTAL
- Management of College web-site (<u>www.gcnayanangal.com</u>),
- Cashless transactions & payments, and
- Never-ending many such assignments.

A committed WhatsApp Group has been created for sharing orders, information, direction, vital announces and notices to the employees.

3. Finance and Accounts

As a basic ingredient of e-governance concept and as per instructions of the government, all kind of financial transactions has become cashless. The salaries of employees including examination remunerations are paid online through NEFT/RTGS and rarely by cheques. Not only is that, the payment of scholarships and all purchasing transactions are executed necessarily cashless to maintain transparency and financial accountability in the system. Outlined below are some of the major assignments being performed digitally at College level-

- Online payment of examination and admission fees,
- Pay bill preparation & management of various scholarship schemes,
- All kind of payments including salaries to staff-members,
- Disbursement of salary slips & accounting of GPF,
- Conduction of computer awareness programs for office-staff,
- Management of College accounts and many such functions as required.

All the accounts are being maintained in PUNJAB NATIONAL Banks with maintenance of proper ledger at College level.

Shivalik College Nangal-140126

4. Students' Admission and Support

Entry level admission to B.Sc., B.C.A. & PGDCA, BA, BCOM, MA Political Science & Economics classes is realized through online process and it is managed & regulated bv higher education department through its https://admission.punjab.gov.in since 2020-21 and remaining classes admission through www.online.gcnayanangal.com annually since 2015-16. admission to higher classes and examination fee deposition has also been initiated online through a software system developed exclusively for Govt. Shivalik College, Naya Nangal. Institutional assignments for online admission to various courses/classes are performed with support of qualified and skilled staff with orderly transparency on merits. Online admission and support activities include the followings as such-

- Disclosure of admission rules/schedule on web-page,
- Verification of documents, payment of fees & other admission formalities,
- Preparation & publication of admission rolls and related statistics,
- Admission related data management through web-based MIS & e-mails,
- Management of different scholarship schemes for students,
- Disclosure of students-centric information/data/materials on web-site,
- Wi-Fi campus & Availability of internet/e-resources in library,
- Running of computer based programs/courses,
- Conduction of computer awareness/digital literacy programs for students,
- ICT based teaching in smart class-rooms, and
- Maintenance of students' attendance in web-based formats.

Above digital functions are realized online through internet with support of ICT based infrastructure available in the College.

Examination System

Under the scheme of autonomy there is a fully computerised exam cell which conducts exams, maintains curriculum and publish results for MST of different courses/programs. Results processing is realized through internally developed software since 2021-22 onwards the complete exam management is done through fully customizable software with stringent security features (developed by cusoftech). The digital features of exam system include-

- Online registration, fee payment & issuance of admit cards on web address www.online.gcnayanangal.com
- All teachers have their login id and submit internal assessment & mst marks online & with the help of exam module result prepare automatically.
- Declaration of results of mst
- The same process for university exam teachers submit their internal assessment And practical award on Punjabi University Patiala website www.pupexamination.ac.in

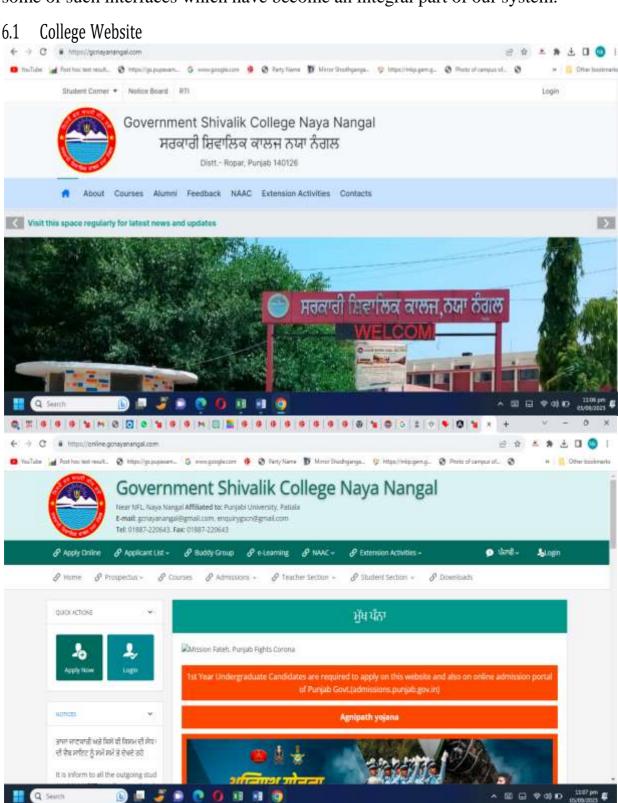
Principal

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The College administration is committed to have an automated examination system based on features of e-governance for bringing reliability & efficiency in the system and eventually to improve the quality of education.

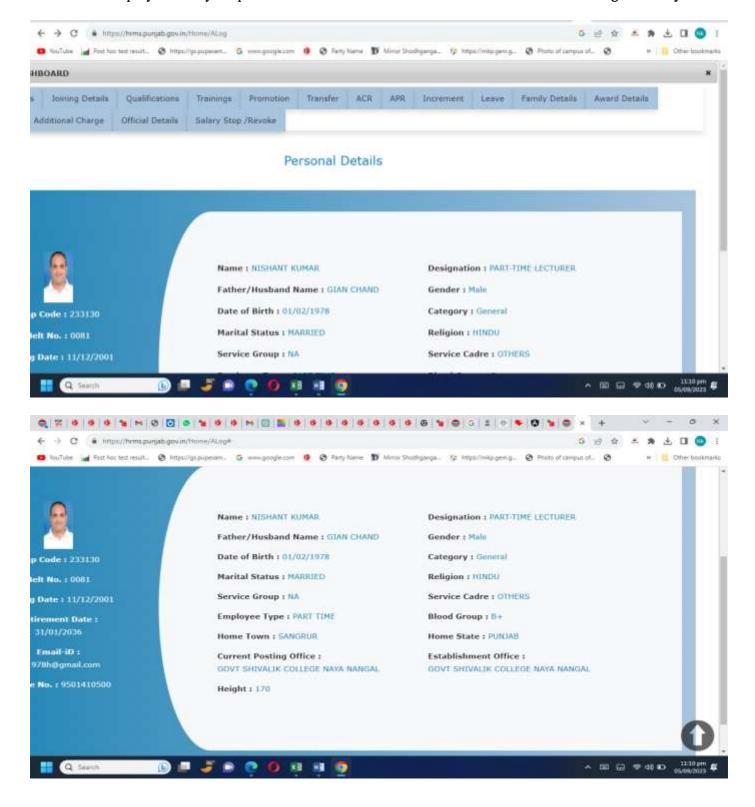
6. Screen Shots of User Interfaces

Various user friendly interfaces are being used frequently by staff members and students to realize IT-based services accessible to them. The power of appreciating these e-governance technologies is tremendous in terms of accuracy, time and money. Not only have these IT-based services inculcated transparency in the system of working, they have made the system more efficient. Here are some of such interfaces which have become an integral part of our system.



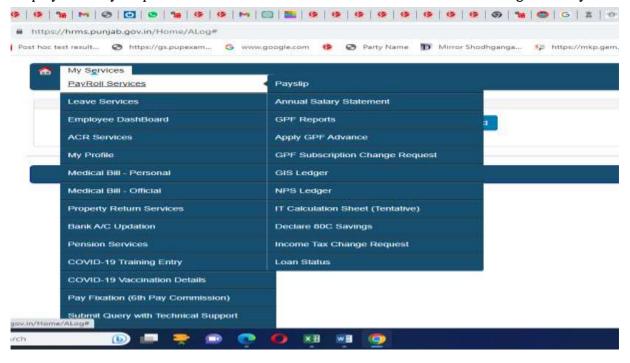
6.2 Employee Salary Report

6.3 GPF Details Online Management System



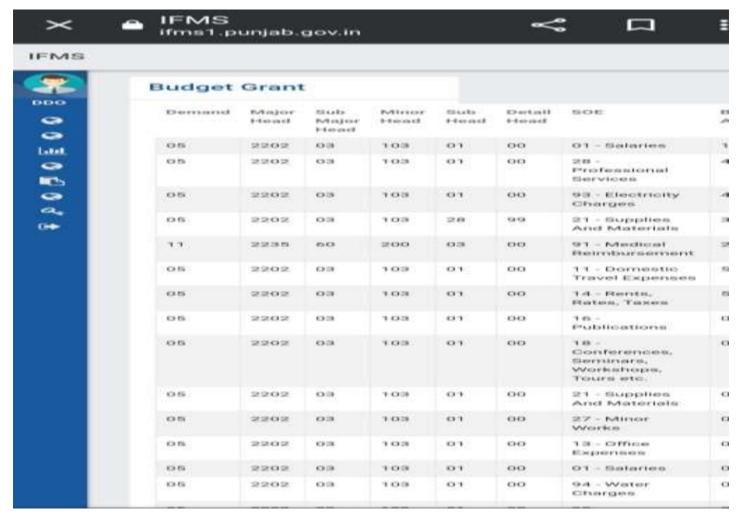
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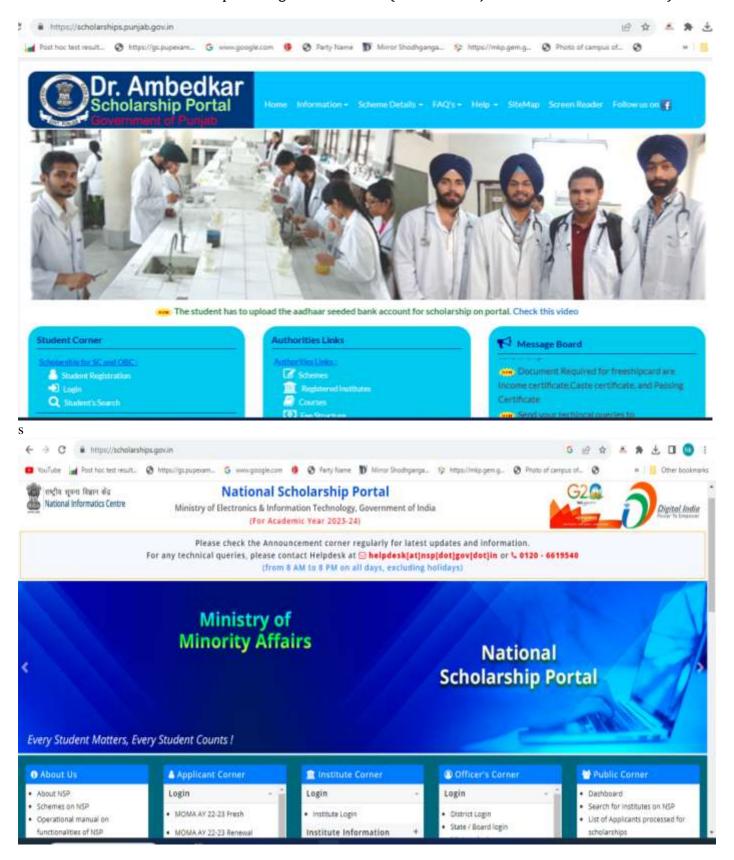


6.4 Integrated Financial Management Information System (IHRMS)





6.5 Schemes of the Dept. of Higher Education (Govt. of Punjab & Central Govt of India)



Communication with the Dept. of Higher Education (Govt. of Punjab)

6.5 Online Admission System



ALL ENTRY CLASS ADMISSIONS ARE DONE THROUGH ONLINE ADMISSION PORTAL OF PUNJAB GOVERNMENT on below mentioned link.

https://admission.punjab.gov.in

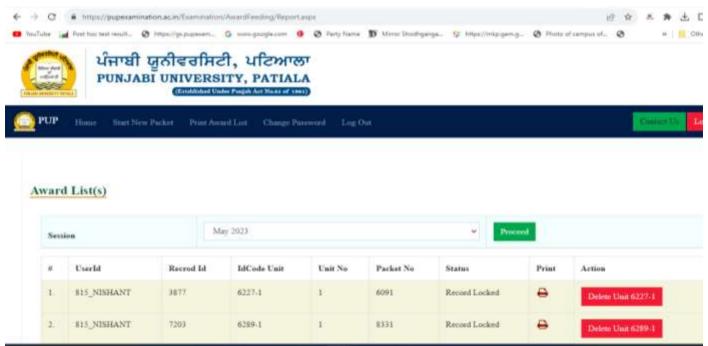


ALL ongoing CLASSES ADMISSIONS ARE DONE THROUGH ONLINE ADMISSION PORTAL OF PUNJAB GOVERNMENT on below mentioned link.

www.online.gcnayanangal.com

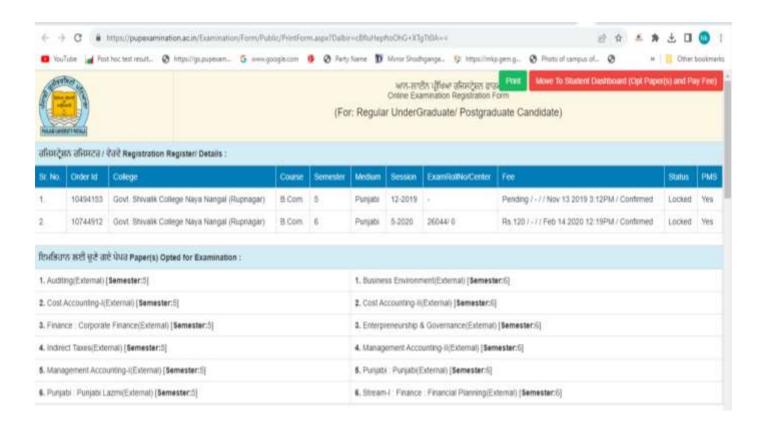
6.6 Examination Process Management System

Online Examination Support System for Students



Teachers upload university final exam marks/internal assessment/practical award on university examination portal www.pupexamination.ac.in

STUDENTS FILL THEIR EXAMINATION FORM DIRECTLY ON www.pupexamination.ac.in







STUDENT DOWNLOAD THEIR ADMISSION CARD ONLINE ON WWW.PUP.EXAMINATION.AC.IN

