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Dynamics of Employee Relations in Digital Andhra Pradesh (Emphasis the Technological Factors on Government Employees Relations in AP)

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Abstract: *“An Employee is the utmost valuable asset in the organization.” – Yogesh Chauhan. “81 percent of employees seldom or never received public praise, 76 percent seldom or never received written thanks from their managers, and 58 percent rarely or never received praise from their manager”. The study aims to provide an original contribution to evaluating several kinds of relations between two areas of human resources – employer and employees in employee relations and Government economic, Socio and Political performance. In the words of Heietta Newton Martin “The reason why employee relations have lost its sheen in aiding productivity is to be searched for, within the doors of your corporate structure, i.e. your human resource department.” Whereas qualitative evidence for the analysis with new and innovative techniques implemented by Government employees in Andhra Pradesh. According to Julie Winkle Giulioni about the importance of throwing employees, peers, bosses, subordinates, or anyone else at work a verbal or written bone now and then. Employee recognition leads to confidence, trust, and rendered quality serves as a wonderful motivator that encourages a repeat of the recognized behaviors. Moreover, a confident and trusting employee will have a better overall sense of well-being and will be more engaged and productive or service. Government of Andhra Pradesh engages different types of employees such as permanent, contract guest, outsourcing and consolidated employees in various departments. The objective towards concentration among quick services rendered to public through employees works under the guidance of Government of Andhra Pradesh. The present paper evaluate various technological services promote quality, prompt, accurate, adequate and trust of services by e-governance and information technology promote employee relations in our state.*

Keywords: Employee, employer, Andhra Pradesh, digital, Government, technology.

I. INTRODUCTION

In the words of great thinker Helen Keller “Alone we can do so little; together we can do so much. ‘Employee relations’ examine briefly the issues of the nature of the employment relationship, whether it is characterized by conflict or consensus, the significance of perspective and the relevance of expectations, interests and the notion of a psychological contract. An employer thinks of profit, while an employee considers his wages. But though they may seem to have different views, cooperation is still the main thing that can bring any organization to success. An effective and efficient employment must have a harmonious employee-employer relationship. In the words of David J. Greer, Wind your sails “Make yourself accountable and your employees will hold themselves to a high standard.” Employees are among an organization's most important resources and coined as most valuable assets. It involves maintaining a work environment that satisfies the needs of individual employees and management. Marchington & Wilkinson (1996) recognized three main reasons i.e. fashion and slippage, regulation of relations between employer and employee and contemporary practices

II. DEFINITION

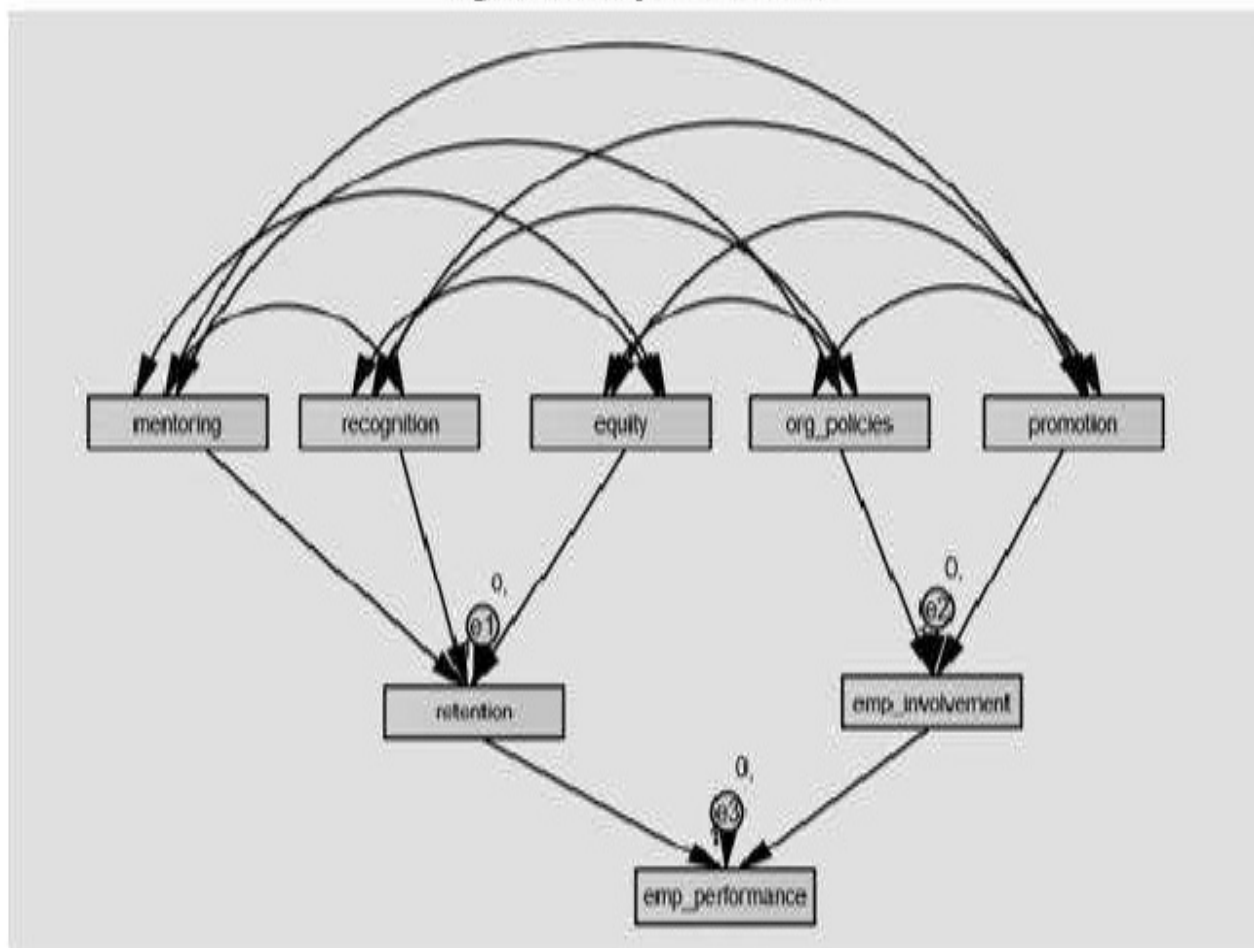
Gennard J and Judge G define “Employee relations has a study of the rules, regulations and agreements by which employees are managed both as individuals and as a collective group, the priority given to the individual as opposed to the collective relationship varying from organization to organization depending upon the value of management”.

According to Heery & Noon, (2001) “Employee relations has a common title for the industrial relations function within personnel management and is also sometimes used as an alternative label for the academic field of industrial relations. The term underlines the fact that industrial relations is not confined to the study of trade unions but embraces the broad pattern of employee management, including systems toward direct communication and employee achievement that target the individual worker.”

Nigerian university system of employee relations strategy

Figure 1: Conceptual Framework

Figure 1: Conceptual Framework



Source: Nigerian university website.

III. METHODOLOGY OF THE STUDY

The study is based on the secondary data sources. The necessary information about the employee relations collected from various books, journals, internet source of related topics.

A. Objectives of the Study

- 1) To assess the impact of employee relations of Government employees.
- 2) To outline the theories of employee relations and their contemporary relevance.
- 3) To analyze the different types of digital techniques and the impact on the government services in Andhra Pradesh.
- 4) To suggest measures for promotion of efficiency of employees through digitalization in the administration.
- 5) To examine the minimize time lag with quality services to general public.

B. Theories of Employee Relations

Several theories underpin the subject of employees' relations. There are three advanced theories i.e. Class, involvement and equity theories:



- 1) *Class Theory/Labour process*: This theory was advocated by Karl Marx. According to Marx, employees' process refers to the materialized or objectified in use of values. Employees are here an interaction between the person who works and the natural world such that elements of the latter are consciously altered in a purposive manner. Hence the elements of employees' process are; three-fold: 1.the work itself, a purposive productive activity; second the element on which that work is performed; and third, the instruments which facilitate the process of work. One major aspect of Marx class theory that fully elucidates the subject matter under study is what he termed the pre-alienated worker. He opined that at the point of alienation, the worker is only directed not by self but by organizational forces which he does not have controlled over.
- 2) *Theory of Involvement*: This theory was developed by Astin (1984). The philosophy of Astin emphasized on the implication of employee involvement. He sees involvement as a strategic means of facilitating almost all the aspects of employees' cognitive and emotional development. He identified three components of employee involvement which includes informative involvement, involvement with management, and involvement with other co-worker. By implication, this theory implies that, the more involved an employee is with the organization, the higher likelihood of employee retention
- 3) *Adams' Equity Theory*: J. Stacy Adams, a workplace and behavioral psychologist in 1963 adduced that equity theory shows how a person think fairness in regard to ethical social relationships. Equity Theory advocates that if an individual contemplates there is an inequality between two body corporates or individuals, the individual is likely to be distressed because the ratio between the input and the output are not equal which will few motivation and lead to decrease job commitment by the party which feels cheated. Employees compare the outcome of their input to that of similar worker performing similar activities. Hence, the work place relationships would be decided by the degree of equity provided by the conditions of work. In the words of Gallagher and Sverke which creates gap between input and output in terms of pay in equality, such organizations can be a victim of increased in security, anxiety, low organizational commitment, high labour turnover, low productivity and involvement.

C. Significance of Employee Relations

- 1) Maintain good relations between employer and employees
- 2) High morale
- 3) Mental revolution
- 4) New programs
- 5) Minimized wastage & stagnation
- 6) Un interrupted production

D. Factors Determine The Employees Relations

- 1) Organization structure
- 2) Individual Behavior
- 3) Leadership style
- 4) Legal & Political environment
- 5) Technical & Economic environment
- 6) Aptitudes &Attitudes
- 7) Job satisfaction
- 8) Working conditions
- 9) Wage
- 10) Lower staff turnover and absenteeism
- 11) Standards of performance

E. HR policy Includes

- 1) Change management
- 2) HR planning
- 3) Industrial relations
- 4) Retention, performance management
- 5) Workplace health
- 6) Organization development and change.



F. The Benefits of Strong Employment Relations

- 1) Productivity
- 2) Employee Loyalty
- 3) Conflict Reduction
- 4) Achieving Strong Employment Relation
- 5) Motivating your employees
- 6) Set Goals
- 7) Delegate Authority
- 8) Communicate Effectively
- 9) Embracing Equality

G. Positive Employee Relations

- 1) Communications
- 2) Employment procedures
- 3) Negotiating style
- 4) HR culture

H. Steps And Strategies For A Vigorous employee Relationship In The Organization

- 1) Involve your team members:
- 2) Encourage individuals to share their work with each other:
- 3) Assign them targets and ask all your team members to contribute equally and achieve the target within the desired time frame.
- 4) One should try his level best that all the employees must have survival in the society.
- 5) Encourage effective communication among the team members.
- 6) Written modes of communication must be promoted among the employees for better transparency.

I. Government Role

Governments have five key roles in employee relations processes:

- 1) Legislator
- 2) Employer
- 3) Economic managers
- 4) Constitution
- 5) Representative Impacts

J. Analysis for Employees' Relations with Technology implemented by Government of AP

- 1) *Real Time Governance 2017*: The ultimate objective of constitution of RTG centre in the secretariat, could watch the progress of field level functionaries with implementation of e-governance. AP fiber and e-pragathi supported to Real Time Governance. Government of AP establishment of RTG centre which is one of the largest centre in Asia. It has observed at a time of biometric attendance, virtual reality, machine learning technology and call centers information with large screen in which 66 feet. However, tech savviness also directed the officials to plan a platform that will bring all the departments under e-Pragati, a holistic and coherent framework designed to propel the state into a developed state by 2029 and country's first state wide enterprise architecture initiative. The RTG which is a comprehensive communicative instrument technology link up to various departments with employees details and their work performance index determined by problem solving of public grievances with implementation of Artificial intelligence.

K. 4 Elements of RTGs

- 1) Peoples Hub
- 2) Land Hub
- 3) Bhudhar
- 4) CFMS



L. e-Office

e-Office which recognized the long term need for competence in government procedures and service delivery mechanism. Thus e-Office has a core mission mode project (MMP) monitor the National e-Governance Plan (NeGP) implemented by The Government of India. It is constituting that this MMP has the potential of target over 2 lakh consumers. This MMP aims at significantly improving the operational efficiency of the Government by transitioning to a neither "Less Paper nor paper Office."

M. Objectives Of Machine Mode Project

- 1) To evaluate effectiveness and reliability of government response server
- 2) To reduce time lag and to meet the needs of the citizens charter
- 3) To provide for effective resource management to improve the quality of services
- 4) To minimize processing delays
- 5) To establish transparency and accountability
- 6) To promote effectiveness of employees

N. e-Attendance

This also known as biometric attendance, it has one of the real innovations on technology implemented by Government of Andhra Pradesh. It can authenticate by real employee with the identification recognized by Aadhar. It helps the information about when and where the employee attended. In this regards 40 departments enrolled and adopted the system.

O. Computers

It is common technical instrument in each and every office in our state. It is an electronic device. Stored data, analyses data and presented data whenever required quick and fast. This is basic device for use of internet and other office work done in proper time.

P. Cloud Hub

It is one of the greatest data centres of the state of Andhra Pradesh. It can commence with a part of e-governance which ultimate objective of the centre preserve huge data in a centralized process server with desired standards in computer applications when minimized cost. It can protect data safely besides available whenever required by the state.

Q. Internet of Things

It is a prestigious first and prominent technological instrument implemented by our Government. It can link up several departments such as public distribution system, e-pass machines, pension distribution, and MGNREGS wage payments besides observation of biometric attendance of PHCs, Gram panchayats and schools in Andhra Pradesh. Moreover, review of working conditions and maintenance of LED lights at CM chamber while connected more than 10 lakh IOT centers in the state.

R. ROM (Real Time Outcome Monitoring)

It can connect all departments in the state which operates with the help of online app. It can assess GSDP (Gross State Domestic Product), Gross Value Added (GVA) and IPP while evaluate family development with society development target determine by Government of Andhra Pradesh by vision 2029.

S. e-Pragathi

This is one of the advanced technological innovation core 2.0 adopted by our state especially promote and aware people for achieve progress of the state. It serve to quite a lot of services rendered such as maintenance & working conditions of street lights, agriculture, levels of ground waters, rainfall, health, PDS and pension distribution detailed data connected all departments and analyzed regularly by subject experts with custodian safety mode.

T. e-POSS

It is public distribution system linked with UIDAI for biometric authentication for supply of essential commodities to poorer section house holders belong to white ration card. This system has firstly implemented by our state government. In this purpose Government provides e-Poss machines to dealers for benefits to real beneficiaries and avoids wastage and malpractices of distribution of commodities while accurate measurements also registered in the machine. The major benefit of implemented



electronic machine save commodities to Government due to binami house hold card holders, duplicate card holders and died holders. It has an official record of distribution of subsidy commodities to 3.6 crore beneficiaries.

U. e- NAM

It has an electronic market either buy or sale of agricultural products in a fair price to real farmers in the country. The farmer can observe different prices in different places are quoted, hence he can sold higher price at their quality products.

V. NTR Barosa

It is a prestigious scheme implemented by our state with link up to UIDAI for pension holders for elimination of fraud and in eligible pension holders. The primary objective of state Government subsidy or monetary benefits to wards real beneficiaries with the use of new technology i.e. direct beneficiary transfer in welfare schemes. Jandhan, Mobile banking and Aadhar based payments adopted by our state government with implementation of Technology. In this regards more than 40 lakh of pension holders' survival accurate and adequate payments within 5 days of span with the help of technology.

W. JAM

It has related to MGNREGS scheme connected with IOT for prompt payments to workers engaged. The app collected details of beneficiaries, work allotted details and transfer of funds to real workers without interferes of politicians.

X. AWARE

AP weather forecasting and early warning research centre (AWARE) one of the greatest Research & Technology utilized for aware and early warning to people for protection of natural calamities with collaboration of ISRO and monitor by RTG centre. The technology recognized and gives early warning for rainfall, flood and other natural destructions to public. For instance recognized cyclone before 10 days when ever occurred while forecast seasonal conditions before a month.

Y. Fiber Net

It was force in to 2013 in our state AP Fiber grid project for rendered broad band, digital and fiber net services at lower cost. However, 370000 electrical poles used for 33 KV sub stations with 2449 point of presence are connected optical fiber cable 23800 KMs around 13 districts in the state. In this regard, State wide control centre establish at Visakhapatnam while covers 85 percent of people in the grid.

Z. Triple Play Services

It provides 15 MBPS for houses, 100 MBPS to 1GBPS internet services to business and trade centers and other organizations with connectivity of broad band with collaboration of BSNL. IPTI provides 250 channels with video conference, recording with app store facility along with free land phone connection.

AA. CCTV Surveillances Project

The CC cameras are connected with fiber net centers of Visakhapatnam and Amaravati with control of RTG centre. The centre collects 13 districts data and processed and observed in 3 stages. The arrangement of CCs is served to police and other disaster management authorities regularly.

BB. Virtual Class Rooms

In the first stage arrange 4000 digital and virtual class rooms in 13 districts in the state connected with fiber grid. The technology reduced teachers work in preparation and presentation of teaching learning material while use of audio visual lessons with subject experts for promotion of learning abilities and international standards.

CC. Drone Services

The services utilized by 5 main organizations such as agriculture, transport, protection, basic and infrastructure sectors in Andhra Pradesh. The drones early mapping to Tirupati and Kakinada cities in our state.



DD. Public Wi-Fi

It can connect with fiber net create public Wi-Fi in cloud and rural areas in the state. For instance Agricultural College Bapatla has been implemented in pilot project. Thus, Wi-Fi utilizing institutions pay only 42 percent of cost to fiber network centers.

EE. Free Space Optical Communications (FSOC)

This system constitutes not possible fiber net cable areas creates internet facilities used advanced technology within 20 kms distance without any connectivity and 20GBPS mode.

FF. Video Conference

This is one of the popular device for communicate offices in the state, which has two-way communication system between employer and employees. It reveals time consuming, cost saving, direct contact between two parties without any ambiguity and promote employee relations in the state.

GG. Laptops

The device serves to field functionaries collect data, analyze and interpret data to required parties on the spot at visit the village/habitation. It can easily movable, process of work with modem in hamlets.

HH. Androids

These devices supplied to all employees while provide sim card in our state. These are working like smart phones such as apps, videos, camera, sports and games and internet usage in mobile phone. It can freely communicate either written or oral communication whenever necessary. It reveals strong relations in employees without the scope of leakage of secrets and confidential matter.

II. e-mail

It can frequently use popular method communicates both employer and employee in government offices. However, bulk messages, huge number of sheets of text matter transmits immediately with use of internet while accurate and prompt delivery to recipients in box and senders send box safely and referred whenever necessary. Now, it is most popular method of communication in Government offices.

JJ. Mobile

It can rather than land phone, which can carry easily and directly communicate to field staff discuss and directions are promptly without hierarchy.

KK. Apps

It is one of the latest technologies for collecting and uploads data process and analyzes and submitted to server for defined object. It can easy operate on selective mode with choice of options. In fact; Smart Pulse Survey is one of the app collected huge data and process and submit immediately to the server conducted by Government of Andhra Pradesh.

LL. SMS

It is one of the largest written texts in briefly communicate to employees within seconds of sent message. Bulk messages and group messages are sending easily and quickly to all employees whenever necessary. Banks are alert their customers for alert of his/her accounts details.

MM. Tele-Conference

This is one of the popular and wider audio communicated devices to connect huge number of mobile holders at a single time in our state. It can easy operate and discuss regular and routine work with bulk number of recipients in low cost. Recently, Government of Andhra Pradesh frequently used tele-conference for FONI cyclone.



NN. Digital Certificates

It is one of the most and trustable device used digital signature for issue certificates with a special barcode and easily identified logos and symbols on certificate. It can apply online system at anywhere in a separate portal while issuing authority can check either approval or reject due to sufficient cause. The verification of certificate online and barcode and issuing authority details on the certificate.

OO. Mee-Seva

It is one of the latest digital methods of issuing number of certificates such as Income, caste, birth and death certificates etc. However, Mee-Seva services thorough online without contact between issuing authority and applicants. It can disposal within certain limit of time i.e. service level agreement SLA. A service-level agreement has a contract between a service provider and its internal or external customer's services provider with in limited period. On the contrary will furnish and defines the performance standards the provider is obligated to meet other wise called as beyond SLA.

PP. Grievances

It is a plot form between clients and solving authority. Grievance Redressed System which receive applications from object objectionable customers either solve or rejected with in specific time and norm, which grievances reported by suffering customer either private institute or public citizens accessing a government (G2C) service. Grievance redressed may be handled directly by institutes either own websites or help of call centers for processing.

QQ. Software

It has a set of instructions/ programs instructing to computer to do specific tasks designed by specific objective. Software is a generic term used to describe computer programs. Moreover, scripts, applications, programs and a set of instructions are all terms frequently used to prescribe software.

RR. Digital Payments

Cash payments creates some ambiguity, which realized cashless transactions like, NEFT, paytm, RTGS, POS and mobile banking creates quick and accurate payments in employees. It can available official record of evidence.

SS. On-line Examinations

It is an innovative method of computerization of examination system though online. It has conducted easily and evaluated on reliability basis. For instance govt. of AP conduct first online examinations on DEE CET 2016, now the system adopted by APPSC in various examinations.

TT. Block Chain Technology

The state was leading in e-governance, it can adopt block chain technology to address cyber security matter. Andhra Pradesh has been launched pilot projects in two fields i.e. land records and transport. The technology was required to prevent tampering of land records, which had already been digitized at web land and placed online whenever necessary. However, the same technology is cast-off in Transport Department to restructure titles of the vehicles.

UU. Immediate Payment Service (IMP)

An IMP is one of the drastically innovative method of payments in the world. The system has played a vital role in quick payments. As a result of IMPS and UPI methods promotes 24 billion of transactions in India for promotion of transactions in our economy. In our state has been advance in the payment mode

VV. Mobile/Net Banking

India is the third place for use of internet in the world. Around 30 crore of internet consumers in India, out of which 50 percent of consumers used mobile banking used for payment of financial transactions estimated by IDC financial institute. Moreover, large numbers of mobile banking customers consume the service with their androids.



WW. Point of Sale

It has a popular method of payments in commencement of demonetization in our state. It promotes prompt payment with follows speed and accuracy. It increase number of transactions various payments like electricity consumption bills, water tax and other legal payments, POS machines creates a great platform rather than ATM Machines when commencement of demonetization.

XX. ATM

Automatic Teller Machines are popular for using both debit and credit cards for payment of financial transactions, which drastically innovative method of payments in financial sector. The positive impact for establishment of number of bank branches in rural areas and credit deposit ratio of banks (proxies of financial inclusion) on significant growth of GSDP in the economy. Whereas, one indicator of financial inclusion, ATMs growth rate has been reveals a statistically significant impact on state GSDP.

YY. Employee Health Card

It can issue EH card to permanent and Government employees for promotion and protection of health of employees with re-embayment or cash less treatment to diseased employees. The card served to entire family so the relation depends on quality of health services rendered by employer's represented trust.

ZZ. GPS (Global Positioning System)

It is also known as Navstar GPS that provides geolocation and time information to a special receiver in all weather conditions, anywhere on or near the earth where there is an unhindered line of sight connected to four or more GPS satellites.

AAA. Information Technology

It has prominent development in our state since 1998. Responsibilities of IT department:

- 1) To provide Computer orientation support
- 2) To arrange the business computer network and database system
- 3) To establishment of business software deployment
- 4) To preserve the information security

BBB. Limitations

- 1) Heavy Expenditure incurred
- 2) High skilled professional required
- 3) creates un employment
- 4) lack of sources available

CCC. Suggestions

- 1) To establishment of training programmes about employees work place.
- 2) To create awareness among with online transactions.
- 3) To promote banking habits in all communities.
- 4) To construct full length of internet accessibility even agency areas.
- 5) To create global awareness about marketing of forest products of tribal people.
- 6) To establishment of mee-seva common service centers in all habitations of tribal tandas enrich services.
- 7) To creates special awareness among e- administration in slum areas.
- 8) To establish job oriented awareness programmes with regards online bases.
- 9) To enrich digital literacy programme to male.

IV. CONCLUSION

The present study emphasized the impact of employee relationship with implementation of new and innovative technology. A famous quote depicts "When an individual who feels appreciation will always produce more than what is targeted". There are perspectives of the relationship assessed three consequences. Employee relations as "Everyone enjoys doing the work for which he is best suited" by another appraisal Great Napoleon Hill.



The technology more helpful in determination of employee relations with Government of Andhra Pradesh. The quality of employee relations is difficult to determine and the criteria by which it may be assessed are influenced by digital mode. The present study examined the notion of an employee relations system and the various electronic devices depend upon the employee relationship. Finally conclude that performance level of organization determines the healthy employee relations between the employer and the employees' major element digital mode especially Government employees are public servants rendered quality of services without delay otherwise government can force in to employee, it reveals disturb good relations which can relaxed with the assistance of digital based services.

Most of the employees frequently used what sup, facebook, twitter, instar gram people first mobile append Kaizal apps in work place and improve positive relation between employee and employer i.e. Government of Andhra Pradesh. The impact of employee relations enrich with the help of digital services in Andhra Pradesh with support of UIDAI connectivity. SWASH, Mee-kosam digital, smart cities, sustainable development, prompt online payments etc. researched beyond the target with help of electrical support utilized pertain to good relations between government and employees in our state. The success of employees depends upon the skills of utilization technological changes, it promote level of quality of services to public while reduce disputes and promote morale of government employees.

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