



S R U T A N I

2023



C. V. Raman Polytechnic

Vision	Mission
To emerge as a global leader in the area of higher education through the pursuit of excellence with future of skills and innovation to match the ever changing global scenario.	<ul style="list-style-type: none">• Inculcating best engineering skills, professional ethics and practices.• Working collaboratively with technical Institutes / Universities/ Industries of National and International repute.• Providing strong foundations by adopting effective teaching learning methods.• Developing leadership qualities, effective soft skills, critical thinking and attitude of lifelong learning by organizing student centric activities.

Department of Computer Science and Engineering

Vision	Mission
To become a leader to providing quality education with the state-of-art technologies to address Industrial and societal problems.	<ul style="list-style-type: none">• To build human resource with sound theoretical and practical knowledge in the discipline of Computer Science & Engineering.• To work in teams for Research, Projects, and Co-Curricular activities involving modern approaches, tools and technology.• To interact and collaborate with professionals from industry, academia, professional societies, community groups for improvements of quality of education.

Program Educational Objectives (PEO)	
PEO1	Apply the principles of Computer Engineering to identify and solve real world problems.
PEO2	Excel in professional career, exhibit leadership qualities with ethics and soft skills.
PEO3	Pursue higher education, research or entrepreneurship.
PEO4	Develop a positive attitude towards lifelong learning and succeed in industry or higher education.

Program Outcomes (PO)	
PO1	Basic and discipline specific knowledge
PO2	Problem analysis
PO3	Design/development of solutions
PO4	Engineering tools, experimentation and testing
PO5	Engineering Practices for society, sustainability and environment
PO6	Project Management
PO7	Lifelong Learning

Program specific outcomes (PSO)	
PSO1	The ability to understand, analyze and develop computer programs in the area of computer science and to solve computer software and hardware related engineering problems.
PSO2	The ability to develop software systems to allow convenient use of computing system and possess professional skills and knowledge of software design process.

Editorial Board

**Pranaya kumar Bisoyi
Akash Kumar Ghadei
SambhuPrasad Panda
Kshyamasagar Mahanta**

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Mother

MOM....
WHEN YOU ARE WITH ME,
WHEN YOU RUB MY HEAD,
I HAVE NEVER FEARED THAT NIGHT,
YOU LIGHT THAT AS BRIGHT.

MOM....
IN THAT GLOOMY TIME,
WHEN THE INSECTS DO RHYME,
ON THAT BAD NIGHT,
WHEN YOU EMBRACE ME TIGHT.

MOM....
WHEN I SLEEP IN KITTLE,
I DON'T TAKE FOOD A LITTLE,
YOU CHOSE TO SLEEP HUNGRY FOR ME,
BUT YOU NEVER SHOW IT OFF TO ME.

PLEASE...
GOD GIVE ME THAT DAY,
I WANT TO CRY ON HER LAP,
SOME TIME THERE TO STAY AND LAY,
AND WANT TO SAY NEVER TO DO YOUR GAP...

'The Art of Teamwork: Unleashing Collective Excellence'

IN THE DYNAMIC TAPESTRY OF ACADEMIC AND PROFESSIONAL LANDSCAPES, ONE THREAD STANDS OUT PROMINENTLY – TEAMWORK. A SYMPHONY OF DIVERSE TALENTS HARMONIZING TOWARDS A COMMON GOAL, TEAMWORK IS THE CORNERSTONE OF SUCCESS IN VIRTUALLY EVERY SPHERE OF LIFE.

IN THE CRUCIBLE OF COLLABORATION, INDIVIDUAL STRENGTHS FUSE INTO A FORCE FAR MIGHTIER THAN THE SUM OF ITS PARTS. EACH MEMBER OF A TEAM BRINGS A UNIQUE SET OF SKILLS, PERSPECTIVES, AND EXPERIENCES TO THE TABLE. IT'S THE AMALGAMATION OF THESE DIFFERENCES THAT PROPELS A TEAM BEYOND THE REALMS OF INDIVIDUAL ACHIEVEMENT.

ONE OF THE REMARKABLE FACETS OF TEAMWORK IS ITS ABILITY TO FOSTER INNOVATION. WHEN MINDS WITH DISTINCT VIEWPOINTS CONVERGE, IDEAS CLASH AND INTERTWINE, GIVING RISE TO NOVEL SOLUTIONS THAT MIGHT ELUDE SOLITARY CONTEMPLATION. IT'S THIS COLLABORATIVE CREATIVITY THAT PROPELS PROJECTS FROM THE ORDINARY TO THE EXTRAORDINARY.

HOWEVER, LIKE ANY ART, MASTERING TEAMWORK REQUIRES FINESSE. EFFECTIVE COMMUNICATION EMERGES AS THE LINCHPIN HOLDING THE TEAM'S FABRIC TOGETHER. THE EXCHANGE OF IDEAS, FEEDBACK, AND CONSTRUCTIVE CRITICISM FORMS THE WARP AND WEFT OF A SUCCESSFUL TEAM, WEAVING A PATTERN OF MUTUAL UNDERSTANDING AND COHESION.

MOREOVER, TEAMWORK NURTURES A CULTURE OF ACCOUNTABILITY. EACH TEAM MEMBER BECOMES A STEWARD OF THE COLLECTIVE EFFORT, REALIZING THAT THEIR ACTIONS REVERBERATE THROUGH THE ENTIRE GROUP. THIS SHARED RESPONSIBILITY NOT ONLY CULTIVATES A SENSE OF OWNERSHIP BUT ALSO FORTIFIES THE TEAM AGAINST ADVERSITY.

IN THE CRUCIBLE OF COLLABORATION, CHALLENGES ARE NOT STUMBLING BLOCKS BUT STEPPING STONES. TEAMWORK EQUIPS INDIVIDUALS WITH THE RESILIENCE TO NAVIGATE COMPLEXITIES, PROVIDING A SAFETY NET OF SUPPORT WHEN FACED WITH DAUNTING TASKS. THE NOTION THAT "TOGETHER WE STAND, DIVIDED WE FALL" EPITOMIZES THE ESSENCE OF TEAMWORK.

IN CONCLUSION, THE ART OF TEAMWORK TRANSCENDS THE BOUNDARIES OF MERE COOPERATION. IT IS A DYNAMIC INTERPLAY OF TALENTS, IDEAS, AND EFFORTS THAT ELEVATES A GROUP TO PINNACLES OTHERWISE UNREACHABLE. AS WE NAVIGATE THE INTRICATE DANCE OF COLLABORATION, LET US NOT ONLY CELEBRATE INDIVIDUAL ACHIEVEMENTS BUT REVEL IN THE COLLECTIVE TRIUMPHS FORGED IN THE CRUCIBLE OF TEAMWORK.

CONSCIOUSNESS

OUR SUBCONSCIOUS MIND IS DIVIDED INTO THREE PARTS ACCORDING TO BIOLOGICAL SCIENCE: THE FORE BRAIN, THE MID BRAIN, AND THE HIND BRAIN WHICH PERFORM SYSTEMATIC AND DYNAMIC FUNCTIONS THAT ACCUMULATE WITH OUR PHYSICAL BODY. BUT ACCORDING TO PSYCHOLOGY IT HAS TWO OTHER ROLES, A VIRTUAL PART AND SPIRITUAL PART. HAVE YOU EVER THOUGHT WHERE DO WE GO WHEN WE UNDERGO A DEEP SLEEP AFTER A MUCH DRASTIC DAY OF RESTLESS HUSTLE IN OUR PROFESSIONS? WE SIMPLY DOZE OFF. BUT THEN SUDDENLY YOU WAKE UP SOMEWHERE ELSE, EVERYTHING SEEMS UNCLEAR AND UNREAL, YOU ARE EXPERIENCING A SITUATION YOU ARE SEEING THINGS OUT OF YOUR REALISATION. OUR SPIRITUAL EXISTENCE IS NOT CONNECTED JUST TO THIS WORLD, IT EXPANDS TO MANY OTHER REALITIES WHERE WE LIVE MANY OTHER LIVES. IT MAY SOUND STRANGE IF I TELL YOU THAT YOU WILL NEVER DIE, LIFE IS NOT LIMITED TO JUST A PHYSICAL VESSEL, THAT IS OUR BIOLOGICAL BODY. IT WAVES FROM FORMS TO FORMS. WHEN WE DREAM, OUR ACTUAL CONSCIOUSNESS GETS SHIFTED TO THE REALM OF VIRTUALITY. YOUR 'DREAM' OR SHOULD I SAY VIRTUALITY IS A REALM IS WHERE TIME NEVER HAPPENS, YOU EXIST AT A CERTAIN TIME AND THAT TIME REMAINS CONSTANT THROUGHOUT THE SESSION. AN UNCERTAIN REALM IS CREATED, THE WAY IN WHICH YOU ACTUALLY IMAGINE TO LIVE YOUR LIFE, YOUR SUBCONSCIOUS MIND WILL REFLECT THE SAME CONCEPT. IT IS POSSIBLE THAT YOU ARE SPAWNED IN DARK AND DAMP PLACE, WITH ENTITIES BEYOND YOUR UNDERSTANDING. OR IT IS POSSIBLE THAT YOU VISUALIZE A DIFFERENT ATMOSPHERE, A MUCH MORE JOYOUS OR SOOTHING ONE. WHAT IF I SAY THAT WHEN YOU DREAM, YOU ENTER THE 'REALM OF THE DEAD'. YES, I HAVE SEEN DEAD PEOPLE IN MY DREAMS, WE ALL DO! BUT I COULD TALK TO THEM, I SAW MY GRANDFATHER, HE DID NOT SEEM REAL AT FIRST. HE WARNED ME ABOUT THE UPCOMING DOWNFALLS OF MY LIFE, WHICH HAPPENED, I SUFFERED MULTIPLE FAILURES WHILE ENDED UP WRITING THIS ARTICLE. IT WAS A SHOCK TO ME BECAUSE I WAS TALKING TO MY GRANDFATHER 6 YEARS AFTER HE DIED. DREAMS CAN BE DIFFERENT AT ALL TIMES, THEY DO NOT FOLLOW CERTAIN STATISTICS. SOMETIMES THEY ARE A COLLECTION OF DIFFERENT SEGMENTS OF MEMORIES. IN MOMENTS YOU REALISE THAT YOUR ARE NOT EXPERIENCING A 'NORMAL' VISION, THE SUBCONSCIOUS MIND DISCOVERS THAT THE ATMOSPHERE DOES NOT ACTUALLY EXIST, AND YOU FEEL CHANGES AROUND YOUR SPIRIT'S AURA. HOWEVER THE SOUL DOES NOT INTERACT WITH ANYTHING SUSPICIOUS, YOU BECAME UNCOMFORTABLE WITH YOUR SURROUNDING, AND DECIDE TO 'EXIT'. FURTHER, YOUR MIND CREATES A PORTAL WHERE YOU CAN VISIT PLACES YOU NEVER HAVE, THE DESTINATIONS DO NOT HAVE AN IDENTITY OF THEIR OWN, YOU CREATE THEM, YOU DESIGN WHAT YOU WILL ACTUALLY VISION IN YOUR DREAMS AND NOT HOW ACTUALLY THEY SHOULD LOOK LIKE. YOU WILL NEVER SEE THE SAME DREAMS TIME AND AGAIN, NO ONE HAS. BECAUSE THEY ARE A COMPLICATED, TIGHTLY PACKED COLLECTION OF DISTINCT REALITIES THAT ARE NOT MEANT TO BE STUDIED BY ORDINARY HUMANS. WHEN WE DREAM WE ESCAPE OUR CURRENT REALITY AND ENTER A DOMAIN NOT SO OF OUR OWN, BUT THAT TEMPORARY IMAGINARY REALM IS STILL CONNECTED TO OUR ACTUAL DOMAIN, AND THAT IS WHY WE ARE ABLE TO RETURN TO OUR OWN REALITY AFTER COMPLETION OF THAT DREAM SEQUENCE (WAKING UP). A BRAIN HAS AN EXTRAORDINARY ABILITY TO CREATE WORLDS BEYOND WORLDS, GIGANTIC ARCHTITECTURES INSIDE ITSELF. ITSELF IS A MYSTERY TO MANY PEOPLE WHO THINK THAT IT IS JUST A TWISTED ORGAN MADE UP OF VEINS AND MUSCLES. THE SUBCONSCIOUSNESS HAS THE ABILITY TO CONSTRUCT DREAMS AND ENTER THEM AS FALSE ENITYTY (A RANDOM PERSON) AND EXIT WISHFULLY

BY RIJUL SEKHAR BARIK
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● Eradicate Corruption And Build A New India

TO BUILD A NEW INDIA IS MERELY IMPOSSIBLE WITH THE EXISTENCE OF CORRUPTION. COMING TO THE TOPIC, LETS ANALYSE WHAT IS CORRUPTION? CORRUPTION IS NOT ONLY THE DISHONEST BEHAVIOUR BUT IT IS A DRUG WHICH IF ONCE CONSUMED NO REHABILITATION CENTRE CAN CURE IT. IF WE MAINTAIN IN STATISTICAL RECORD OF CORRUPTION DOES MY INDIANS THEN WE WILL FIND EVERY 9 OUT OF 10 PEOPLE IS CORRUPTED. IN INDIA CORRUPTION HAS ITS ROOTS TO A DEPTH SINCE A LONG TIME AGO. NOW, PEOPLE ARE SO ADDICTED TO THIS THAT IT HAS BECOME AN INTERNAL ORGAN OF THE NATION. IT FLOURISHES IN THE WINS ALONG WITH WORD.

GREED, DISHONESTY AND CORRUPTION ARE LINKABLE. GREED PERSEDES A PERSON TO BECOME DISHONEST WITH HIS WORK WHICH LEADS TO CORRUPTION. CORRUPTION LEADS TO THE DEFEAT AND SUFFERING FOR THE NATION. CORRUPTION MEANS TO HIDE AND FIND SHORTCUTS FROM DOING ASSIGNED WORKS. LETS TAKE AN EXAMPLE, WHEN A CHILD APPEARS HIS EXAMINATION, PARENTS GREED THEM WITH THE OFFERINGS OF DESIRABLE GIFTS, IF THEY QUALIFY WITH GOOD MARKS, HERE LIES CORRUPTION.

THE CHILD WILL ATTEMPT THE EVERY POSSIBLE WAY TO GET THOSE TEMPTED GIFTS. HERE THE CHILD IS USING TEMPTED WITH A WAIT WHICH FORCES HIM TO CHEAT OR TO USE SHORTCUT.

WHENEVER THE WORD "POLITICIANS" ARISES, PEOPLE IN INDIA HAVE FIND A SYNONYM I.E. "CORRUPTION". MOSTLY IT IS FOUND THAT POLITICIANS ARE BLAMED FOR CORRUPTION. ARE ALL THE POLITICIANS CORRUPTED AND ALL THE CIVILIANS HONEST? NO, THERE ARE SOME POLITICIANS LIKE APJ ABDUL KALAM WHO ENCOURAGED THE YOUTH TO START FIGHTING AGAINST CORRUPTION FROM HOME. BUT SOME CORRUPT POLITICIANS LIKE LALU PRASAD YADAV FORMER CM OF BIHAR, WHO WAS SENTENCED TO 5 YRS OF IMPRISONMENT AND A FINE OF RS. 25 LAKHS ON 3 OCT 2013 FOR THE NANDINI DASH +3, 1ST YEAR ARTS SCHEME OF DISPROPORTIONATE ASSETS AND RAILWAY TENDER..... SCAM. SIMILARLY, COME ACROSS THE CASES OF CIVILIANS LIKE VIJAY MALLAYA AND NIRAV MODI WHO ARE RICH INDIANS STILL FROUD THE INDIAN GOVERNMENT WITH CRORES OF RUPEES AND ESCAPED LIKE A THIEF FROM INDIA. EVEN THE MIDDLE CLASS INDIANS IF CAUGHT WHILE VIOLATING THE TRAFFIC RULES, IMMEDIATELY URGES TRAFFIC POLICE TO AVOID LEGAL PROCEDURES. POPULARLY SAID BY JOHN STEINBACK "POWER DOESNOT CORRUPT, FEAR CORRUPTS". IT IS THE FEAR OF COMMON MANS WHICH INSTINCT THEM TO CORRUPT.

"IT TAKES TWO HANDS TO CLAP!" WHERE ONE HAND IS THE PERSON WHO RECEIVES BRIBES, OTHER IS THE ONE TO OFFER BRIBES. SHIFTING..... AN EACH OTHER IS ALSO A FEATURE OF CORRUPTION. EVERYDAY THROUGH THE COLUMNS OF ESTEEMED DAILIES, WE COME ACROSS

THE SEVERAL, CASES OF CORRUPTION. WE STARTS..... THE GOVERNMENT OFFICIALS AND POLITICIANS/FREEDOM DO WE TAKE INITIATIVE TO SOLVE THE PROBLEM, BY SAYING "THIS IS NOT MY CUP OF TEA." PEOPLE WHO PRETENDS TO LERING CHANGE DEES STRIEES, DECLARES "BHART BANDH" BUT THE RESULT IS "NO CHANGE". WE SAY THIS IS THE WORK OF INDIAN GOVERNMENT TO ERADICATE CORRUPTION. THIS SEUNDS SIMILAR TO THE STORY OF A TAX WHO SAID "GRAPES ARE SOUR"

CORRUPTION MAKES PEOPLE BLIND FELDED..... TO WHICH PLACE ADEPT CORRUPT PRACTICES. IT ENCOURAGES PEOPLE TO CHEAT THEIR NATION. IT ADVERSELY AFFECTS THE ECONOMY OF THE NATION, BRINGS SOCIAL BACKWARDNEST AND HAS STUNTED NATION'S DEVELOPMENT. RAMPANT CORRUPTION HAS ALSO PICTURED INDIA AS ONE OF THE CORRUPTED COUNTRY IN GLOBAL SCENERIO. THE CAUSES OF CORRUPTION ARE COMPLICATED TAX, EXCESSIVE REGULATIONS, OPAQUE ***, LACK OF TRANSPARENT LANES, ETC. THE METHODS OF CORRUPTION ARE....., HIDING NATION'S TREASURE (BLOCK/MONEY) ETC.

THERE ARE MANY ANTI-CORRUPTION COMES IN INDIA. SOME OF THE MAJOR ACTS ARE (I) PROSECUTION SECTION OF UNCOME TAX ACT (II) PROVERTION OF CORRUTPION ACT, 1988 (III) PREUENTION OF MONEY LAUNDERING ACT 2002 AND IPC 1860 IN 2015, INDIAN PARLIAMENT PASSED A WILL TO CURLE AND IMPOSE PERALTIES ON WORK MONEY HEARDED IN ABROAD. 5TH PILLAR IS MESTLY KNOWN FOR THE COJATION OF "ZERO RUPEE NOTE" A UALULESS NOTE TO BE GIVER TO THE CORRUPT OFFICIALS WHEN DEMANDS BRIKS. "INDIA AGAINST CORRUPTION WAS A POPULAR MOVEMENT IN 2011-12. "JAGO RE!" WAS THE SLOGAN USED FOR ANTI- CORRUPTION.

EVER AFTER ALL THESE MENTIONED INITIATIVES THERE IS PREVALENCE OF CORRUPTION IN INDIA. EVER AFTER THE UNDEPENDENCE SINCE 1947, INDIA HAS NOT DEVELOPED UPTO A MARK BECAUSE OF CORRUPTION WHICH IS THE BIGGEST FOR INDIA IN THE PATH OF NO LAWS, NO RULES, NO PENALTIES, NO NEW GOVERNMENT, NO WEAPON CAN ROOT OUT CORRUPTION FROM INDIAN UNTIL WE INDIANS WANT CORRUPTION TO BE COMPLETING REMOVED FROM INDIANS. INDIA WILL BE CORRUPT FROM WHEN MINDSET OF PEOPLE WILL CHANGE. "I WILL NOT LET ANYONE WALK THROUG MY MIND WITH THEIR DIRTY FEET" SHOULD BE THE THOUGHT OF INDIANS. WE HAVE THE POWER AND CAPABILITES TO THE PROBLEM OF CORRUPTION BUT SADNEST IS WE DON'T TRY RATHER WE..... TO PRACTICE.

DO WE STEAL FROM OUR HOME? DO WE STEAL OUR THINGS? NO, THEN USING WE STEAL OUR NATION'S MONEY? SO, LETS COME AND JOIN OUR HANDS AND TAKE A PLEDGE TO CHANGE OUR MINDEST WHICH WILL SIMULTANOUSLY CHANGE THE SOCIETY. IF IS SOCIAL THAT "POWER DOESN'T". OUR IGNORANCE ON CORRUPTION WILL IN RETURN TURN THE POWER OF CORROUPT OFFICIALS. LETS TAKE INITIATIVES TO BRING CHANGE BECAUSE THE SILENT BEATHCHING OF THE CORROUPT HAPPENING BY COMMON MASS WILL DESTROY INDIA. TIME HAS COME TO LOVING A CHANGE. LETS ESTABLISH A NEW CORRUPT INDIANS. "CORRUPTIONS" HIS WIFE "BRIBING" HIS SON "STEALING" DAUGHTER "CHEATING" MOTHER "DISHONESTY" AND HIS FATHER "FRAUD", LETS SEND THEM ON A PERMANENT TOUR OUT OF INDIA.

BY AYUSH KRISHNA SAHOO
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History of Indian railways

INTRODUCTION:

INDIAN RAILWAYS, OFTEN DUBBED AS THE "LIFELINE OF THE NATION," STANDS AS ONE OF THE LARGEST AND BUSIEST RAILWAY NETWORKS IN THE WORLD. WITH A HISTORY DATING BACK TO THE BRITISH COLONIAL ERA, THE INDIAN RAILWAYS HAS UNDERGONE SIGNIFICANT TRANSFORMATION, BECOMING A VITAL COMPONENT OF INDIA'S SOCIO-ECONOMIC FABRIC. THIS ARTICLE EXPLORES THE EVOLUTION, ACHIEVEMENTS, AND CHALLENGES FACED BY THIS MONUMENTAL TRANSPORT SYSTEM.

HISTORICAL ROOTS:

THE JOURNEY OF INDIAN RAILWAYS COMMENCED IN 1853, WHEN THE FIRST PASSENGER TRAIN CHUGGED ALONG A 34-KILOMETER STRETCH BETWEEN BOMBAY (NOW MUMBAI) AND THANE. BUILT DURING BRITISH RULE, THE RAILWAYS PLAYED A PIVOTAL ROLE IN FACILITATING THE MOVEMENT OF GOODS AND PEOPLE ACROSS THE VAST EXPANSE OF THE SUBCONTINENT. THE NETWORK RAPIDLY EXPANDED, LINKING CITIES, TOWNS, AND REMOTE VILLAGES, TRANSFORMING THE SOCIO-ECONOMIC LANDSCAPE OF THE COUNTRY.

TECHNOLOGICAL ADVANCEMENTS:

OVER THE YEARS, INDIAN RAILWAYS HAS EMBRACED TECHNOLOGICAL ADVANCEMENTS TO ENHANCE EFFICIENCY AND SAFETY. ELECTRIFICATION OF TRACKS, INTRODUCTION OF HIGH-SPEED TRAINS, AND IMPLEMENTATION OF MODERN SIGNALING SYSTEMS HAVE PROPELLED THE NETWORK INTO THE 21ST CENTURY. THE AMBITIOUS DEDICATED FREIGHT CORRIDOR PROJECT, SET TO REVOLUTIONIZE FREIGHT TRANSPORT, IS A TESTAMENT TO INDIA'S COMMITMENT TO MODERNIZE ITS RAIL INFRASTRUCTURE.

CONNECTING A DIVERSE NATION:

INDIAN RAILWAYS TRANSCENDS GEOGRAPHICAL AND CULTURAL BOUNDARIES, SEAMLESSLY CONNECTING THE VAST EXPANSE OF THE COUNTRY. FROM THE SNOW-CLAD PEAKS OF THE HIMALAYAS TO THE SUN-SOAKED BEACHES OF THE SOUTHERN COAST, THE RAILWAYS HAVE BEEN INSTRUMENTAL IN FOSTERING NATIONAL INTEGRATION. IT SERVES AS A LIFELINE FOR MILLIONS, OFFERING AN AFFORDABLE MODE OF TRANSPORTATION FOR BOTH URBAN AND RURAL POPULATIONS.

ECONOMIC CATALYST:

THE RAILWAYS HAVE PLAYED A PIVOTAL ROLE IN SHAPING INDIA'S ECONOMY. THEY FACILITATE THE MOVEMENT OF ESSENTIAL COMMODITIES, AGRICULTURAL PRODUCE, AND RAW MATERIALS, ACTING AS A CRITICAL LINK BETWEEN PRODUCTION CENTERS AND MARKETS. THE INTRODUCTION OF CONTAINERIZATION AND ROLL-ON-ROLL-OFF SERVICES HAS FURTHER STREAMLINED LOGISTICS, CONTRIBUTING TO ECONOMIC GROWTH AND DEVELOPMENT.

CHALLENGES AND SOLUTIONS:

WHILE INDIAN RAILWAYS HAS ACHIEVED REMARKABLE MILESTONES, IT FACES ITS SHARE OF CHALLENGES. CONGESTION ON HIGH-TRAFFIC ROUTES, MAINTENANCE OF AGING INFRASTRUCTURE, AND ENSURING SAFETY STANDARDS ARE PRESSING CONCERNS. INVESTMENT IN MODERNIZATION AND STRATEGIC PLANNING ARE IMPERATIVE TO ADDRESS THESE ISSUES. EMBRACING SUSTAINABLE PRACTICES, SUCH AS ELECTRIFICATION AND PROMOTING ECO-FRIENDLY MODES OF TRANSPORTATION, WILL BE PIVOTAL IN REDUCING ENVIRONMENTAL IMPACT.

FUTURE PROSPECTS:

THE FUTURE OF INDIAN RAILWAYS IS POISED FOR EVEN GREATER TRANSFORMATION. PLANS FOR HIGH-SPEED CORRIDORS, ADOPTION OF ADVANCED SIGNALING TECHNOLOGIES, AND INTEGRATION WITH OTHER MODES OF TRANSPORT LIKE METRO AND AIR TRAVEL ARE ON THE HORIZON. THE ADOPTION OF INNOVATIVE FINANCING MODELS AND PUBLIC-PRIVATE PARTNERSHIPS WILL BE CRUCIAL IN REALIZING THESE AMBITIOUS GOALS.

CONCLUSION:

INDIAN RAILWAYS STANDS AS A TESTAMENT TO INDIA'S ABILITY TO MANAGE AND OPERATE ONE OF THE LARGEST RAILWAY NETWORKS IN THE WORLD. ITS EVOLUTION FROM A COLONIAL-ERA ENTERPRISE TO A MODERN, TECHNOLOGICALLY ADVANCED TRANSPORT SYSTEM IS A REMARKABLE JOURNEY. AS INDIA HURTTLES TOWARDS A FUTURE MARKED BY URBANIZATION AND TECHNOLOGICAL ADVANCEMENT, THE RAILWAYS WILL CONTINUE TO PLAY A CENTRAL ROLE IN SHAPING THE NATION'S DESTINY. WITH STRATEGIC PLANNING, INVESTMENT, AND INNOVATION, INDIAN RAILWAYS IS POISED TO REMAIN THE BACKBONE OF INDIA'S TRANSPORTATION INFRASTRUCTURE FOR GENERATIONS TO COME.

ମହିଷା ମର୍ଦ୍ଦିନୀ (ନାରୀ)

ଭକ୍ତ ଓ ପୁତ୍ର ମଧ୍ୟରେ ଥିବା ଶୁକ୍ଳା,
ଏତଦ୍ ପରି ନାରୀ ବାନ୍ଧେ
ସଂସାର ଥିଲା ।
ସେ କେବେ ସ୍ନେହମୟୀ କିମ୍ବା
କେବେ ଧୂସ୍ରସାଧିନୀ,
ଅନାନୀ ରୂପ ତାହାର ଶିଶୁ ଠାରୁ
ଜନନୀ ।

ନିର୍ଜନ ଭୂଇଁରେ ସେ ଫୁଟାଏ
ନାନା ଫୁଲ,
ଶୀତଳ ବରଷା ସାଜି ଧାରାକୁ
କରେ ଉଡ଼-ଫୁଲ ।
ସେ ତାହାର ମୋହରେ ବାନ୍ଧିଛି
ଏ ସଂସାର,
କେବେ ହେବାକୁ ଦବ ନାହିଁ ପଥ
ଧୂସ୍ର ।

ଯେବେ ତାକୁ କେହି ମନରେ
କରିଛି ହେୟ,
ତାରି ପରାକ୍ରମ ବଳେ ହାସଲ
କରେ ଶ୍ରେୟା
ଅନ୍ୟର ଜୁଲିମ ରେ ଜଳୁଅଛି
ଏବେ ସେଇ,
ଆସୁଅଛି ଦିନ ମହିଷା ମର୍ଦ୍ଦିନୀ
ସାଜିବ ସେଇ ।

କିଏ ଫୁଟାଉଅଛି ତାରି
ସୁବାସିତ ଫୁଲକ କୁହୁକ,
କିଏ ରକ୍ଷଣ ସାଜି ଦଳିତ
କରୁଅଛି ଅହେତୁକ ।
ଆଜିର ମାନବ ପାଲଟିଛି ଏକ
ହିଂସ୍ର ପଶୁ,
ଶୁଣି ପାରୁନାହିଁ ତାରି କରୁଣ
କ୍ରନ୍ଦନର ଅଶ୍ରୁ ।

ଯୁଗେ ଯୁଗେ ଧରି ତମେ
ନେଇଅଛି ଅବତାର,
ଏବେ ସମୟ ଆସିଅଛି ଚିକିଏ
ହେବାକୁ ସ୍ୱତ୍ୱର ।
ତୁମ୍ଭର ଅନଳରେ ପାଉଁଶି କର
ଏ ସଂସାର,
କରୁଅଛି ଗୁହାରି ଦିଅ ଏକ
ନୂତନ ଉପହାର ।

School Life

SCHOOL LIFE IS THE BEST TIME OF OUR LIFE AS WE MAKE NEW FRIENDS, LEARN NEW THINGS AND BUILD OUR CAREER THERE. SCHOOL TIME IS THE ONLY TIME WHICH WE ENJOY MOST, AND WHEN WE ENTER COLLEGE, WE ALWAYS MISS OUR SCHOOL LIFE. SCHOOL LIFE TEACHES US LOTS OF NEW THINGS AND PREPARES US TO FACE ALL THE CHALLENGES OF LIFE. I LOVE MY SCHOOL LIFE AND REALLY ENJOY IT. I HAVE LOTS OF FRIENDS, AND ALL MY TEACHERS LOVE ME. I LOVE MY SCHOOL AND ENJOY GOING THERE EVERY DAY TO MEET MY FRIENDS AND LEARN NEW THINGS. EVERYONE KEEPS ON SAYING THAT SCHOOL LIFE IS THE BEST TIME OF YOUR LIFE. WHEN LISTENING TO THESE PHRASES FROM THEIR ELDERLY, THE SCHOOL STUDENTS THINK ABOUT WHAT IS GOOD ABOUT THIS LIFE. ALL WE DO IN THE ENTIRE DAY IS TO ATTEND THE CLASSES AND TO DO THE HOMEWORK. BUT ONCE SCHOOL LIFE GETS OVER, THE STUDENTS REALISE THAT SCHOOL LIFE WAS THE BEST TIME OF THEIR LIFE. APART FROM LEARNING GREAT THINGS IN SCHOOL, YOU MAKE NEW FRIENDS, PLAY DIFFERENT SPORTS AND CREATE MEMORIES FOR THE REST OF YOUR LIFE. THE STUDENTS ALSO LEARN MANY LIFE SKILLS LIKE TEAMWORK, GOOD MANNERS, ETC., AND UNDERSTAND WHAT THEY WANT TO BECOME IN THEIR LIFE.

ABOUT MY SCHOOL AND SCHOOL LIFE- STUDY IN THE REPUTED PRIVATE SCHOOL IN MY CITY, AND I AM GLAD TO BE A STUDENT OF THIS SCHOOL. MY SCHOOL IS ONE OF THE MOST RENOWNED SCHOOLS IN MY TOWN. IT IS VERY BEAUTIFUL AND HUGE. MY SCHOOL HAS ALL THE FACILITIES FOR SPORTS, STUDY AND OTHER ACTIVITIES. BUILT IN A THREE-STORY BUILDING, IT IS A CO-ED AND SENIOR SECONDARY SCHOOL HAVING SCIENCE, ARTS AND COMMERCE STREAM. THE ATMOSPHERE AT MY SCHOOL IS DELIGHTFUL. WE HAVE A HUGE PLAYING GROUND WHERE WE ALL STUDENTS PLAY DIFFERENT GAMES LIKE BADMINTON, BASKETBALL, KHO KHO, KABADDI, ETC. WE HAVE A SEPARATE BASKETBALL COURT, AS WELL AS A SMALL AND BEAUTIFUL GARDEN FOR KIDS. THE STUDENTS PRACTICE THESE SPORTS EVERY DAY. THE SCHOOL ALSO HAS A BIG SWIMMING POOL AND SPORTS AREA FOR INDOOR GAMES. IN THIS AREA, THE STUDENTS CAN PLAY TABLE TENNIS AND CHESS. THERE IS ALSO A BIG SKATING RINK. DIFFERENT PHYSICAL TRAINING TEACHERS TRAIN US FOR ALL THESE SPORTS. THESE SPORTS NOT ONLY KEEP US FIT BUT ALSO INCREASE OUR STAMINA AND COORDINATION. SCHOOL LIFE IS NOT JUST LIMITED TO STUDIES AND SPORTS. THERE ARE ALSO OTHER ACTIVITY ROOMS SUCH AS THE MUSIC ROOM, ART ROOM, AND DANCE ROOM. THE ART AND CRAFT ROOM IS A BIG HALL WITH LOTS OF COLOURFUL CHARTS AND VARIOUS TYPES OF PAINTS. THE STUDENTS CAN PORTRAY THEIR IMAGINATION AND CAN CREATE BEAUTIFUL ART HERE. DANCE AND MUSIC ARE ALSO VERY IMPORTANT IN SCHOOL LIFE AS THEY HELP THE STUDENTS EXPRESS THEMSELVES IN A NEW MANNER. THE DIFFERENT MOVEMENTS IN DANCE HELP THE STUDENTS IN UNWINDING THEMSELVES. MY SCHOOL HAS A BIG LIBRARY WHERE WE ALL READ DIFFERENT KINDS OF BOOKS, NOVELS AND COMICS. APART FROM THE LIBRARY, MY SCHOOL HAS WELL-EQUIPPED SCIENTIFIC LABS WHERE WE ALL PRACTISE VARIOUS EXPERIMENTS OF CHEMISTRY, PHYSICS AND BIOLOGY. I HAVE LEARNED A LOT OF THINGS IN THESE LABS. MY SCHOOL ALSO HAS A BIG COMPUTER LAB WITH TRAINED TECHNICAL STAFF THAT HELP US TO LEARN EVERYTHING ABOUT COMPUTERS. I LOVE PLAYING ON THE COMPUTER AND LEARNING NEW THINGS IN THE COMPUTER LAB. IN THE COMPUTER LAB, THE STUDENTS LEARN ABOUT USING MS WORD AND POWERPOINT. THE COMPUTER LAB IS ALSO CALLED THE ICT LAB. THE ICT TEACHER TEACHES THE STUDENTS ABOUT THE INTERNET AND HOW TO USE IT SAFELY. ALL THE STAFF AT MY SCHOOL ARE VERY POLITE, EDUCATED AND EXPERIENCED. OUR TEACHERS NOT ONLY TEACH US BUT ALSO PREPARE US FOR VARIOUS COMPETITIONS, AND EVERY YEAR, MY SCHOOL WINS MANY PRIZES IN VARIOUS COMPETITIONS. I HAVE EVEN REPRESENTED MY SCHOOL IN A BASKETBALL CHAMPIONSHIPS. THE TEACHERS USE SMARTBOARDS, AND EVERY DAY A NEW WORD IS TAUGHT TO ENHANCE THE

STUDENTS' VOCABULARY. EVERY DAY ONE STUDENT PRESENTS THE 'THOUGHT FOR THE DAY'. THESE POSITIVE THOUGHTS KEEP US MOTIVATED. ALL THE TEACHERS AT MY SCHOOL ARE VERY DEDICATED AND PUNCTUAL. THEY ALWAYS TEACH US DISCIPLINE AND ASK US TO COME TO SCHOOL ON TIME. OUR TEACHERS LOVE US, AND THEY TEACH US IN A VERY SIMPLE AND EASY WAY. WHENEVER WE FAIL TO UNDERSTAND ANYTHING, THEY TRY TO MAKE US UNDERSTAND IT AGAIN WITHOUT SHOUTING AT US. THEY GIVE EQUAL ATTENTION TO ALL THE STUDENTS, AND THAT IS WHY MY SCHOOL HAS AN EXCELLENT ACADEMIC RECORD. THE TEACHERS ARE WELL QUALIFIED. THEY USE DIFFERENT TECHNIQUES TO TEACH US THE CONCEPTS. THE ATMOSPHERE IN THE SCHOOL IS FUN-FILLED AND FRUITFUL AT THE SAME TIME. THE SCHOOL'S ENTIRE STAFF, FROM THE SECURITY GUARD TO THE TEACHERS, IS VERY HELPFUL AND POLITE. WE LEARN MANY LIFE SKILLS ALSO IN SCHOOL. DISCIPLINE, HARD WORK, AND PUNCTUALITY ARE SOME OF THEM. DURING SPORTS CLASSES, WE LEARN TEAMWORK AND WORK TOGETHER TO WIN. THE BEST PART OF MY SCHOOL IS ITS AUDITORIUM WHERE ALL THE SCHOOL EVENTS AND COMPETITIONS TAKE PLACE. OUR SCHOOL IS FULLY AIR-CONDITIONED WITH LOTS OF SEATS. EVERY YEAR, MY SCHOOL ORGANISES AN ANNUAL INTER SCHOOL COMPETITION WHICH LASTS FOR TWO DAYS. MANY CULTURAL EVENTS TAKE PLACE WITHIN THESE TWO DAYS LIKE SINGING, DANCING, QUIZ. I LOVE TO PARTICIPATE IN QUIZ COMPETITIONS, THE TOPPERS OF OUR SCHOOL GET AWARDED ON THIS ANNUAL CULTURAL DAY AND WE ALL STUDENTS LOVE TO PARTICIPATE IN VARIOUS EVENTS OF THE ANNUAL CULTURAL DAY. WE ALSO HAVE SCHOOL ASSEMBLIES IN OUR AUDITORIUM. SOMETIMES THE STUDENTS FROM OTHER SCHOOLS COME AND PARTICIPATE IN THE DIFFERENT COMPETITIONS ORGANISED IN OUR SCHOOLS. THESE EVENTS ARE CALLED INTER-SCHOOL COMPETITIONS. THESE EVENTS ARE VERY GOOD AS WE GET TO LEARN NEW THINGS FROM OTHER STUDENTS AND MAKE MANY NEW FRIENDS. IN THE ANNUAL SPORTS MEET, VARIOUS SPORTS COMPETITIONS ARE ORGANISED, ME, MY FRIENDS, AND OUR SENIORS ALSO PARTICIPATE IN THESE COMPETITIONS AND MAKE OUR SCHOOL PROUD BY WINNING IN THEM. MY SCHOOL HAS GREAT TEACHERS, EXCELLENT FACULTY AND ALL THE FACILITIES THAT ONE STUDENT NEEDS TO EXCEL IN HIS/HER LIFE. THE BIGGEST REASON BEHIND THE SUCCESS AND FAME OF MY SCHOOL IS OUR PRINCIPAL MADAM. SHE IS 50 YEARS OLD, YET VERY ACTIVE AND DISCIPLINED. SHE HAS AN ATTRACTIVE PERSONALITY, AND HIS KNOWLEDGE IS COMMENDABLE. SHE LOVES ALL THE STUDENTS AND ALWAYS SPARE SOME TIME FROM HIS BUSY SCHEDULE TO MONITOR THE PROGRESS OF ALL THE STUDENTS. I ADMIRE HER PERSONALITY AND PRINCIPLES. SHE ALWAYS ENCOURAGES US TO TAKE PART IN VARIOUS EXTRACURRICULAR ACTIVITIES, AND IT IS THE RESULT OF HIS SUPPORT & DEDICATION THAT THE STUDENTS OF MY SCHOOL ALWAYS PERFORM BETTER IN ALL THE COMPETITIONS. WE ALL ARE FORTUNATE TO HAVE HIM AS OUR PRINCIPAL. PRINCIPAL MADAM AWARDS THE STUDENTS WHO PARTICIPATE AND WIN IN DIFFERENT CULTURAL AND SPORTS EVENTS. HE HAS A GOOD MEMORY AND REMEMBERS THE NAME OF EVERY CHILD. THE STUDENTS FEEL PROUD WHEN PRINCIPAL MADAM CALLS THEM BY THEIR NAMES. AFTER EACH TERM, ASSESSMENTS ARE ALSO BEING CONDUCTED IN THE SCHOOL. THE TEACHERS PREPARE US FOR THESE ASSESSMENTS, AND THE RESULTS ARE ALSO SHARED WITH THE PARENTS. THE ASSESSMENT IS A GOOD SYSTEM AS STUDENTS UNDERSTAND THE LEARNING GAPS AND CAN WORK ON THEM. THE TEACHERS ARE VERY HELPFUL AS THEY ASSIST THE STUDENTS WHEREVER IT IS REQUIRED. I LOVE MY SCHOOL AND MY SCHOOL LIFE. EVERY DAY I LEARN NEW THINGS HERE AND ENJOY IT WITH MY FRIENDS. ALL MY TEACHERS LOVE ME AND ALWAYS SUPPORT ME. I HAVE LEARNED DISCIPLINE AND PUNCTUALITY FROM MY TEACHERS, AND IT WILL HELP ME A LOT IN MY FUTURE. I AM PROUD TO BE A STUDENT AT THIS SCHOOL, AND I WILL ALWAYS MISS MY SCHOOL AFTER LEAVING IT. MY SCHOOL LIFE HAS TAUGHT ME MANY THINGS AND GIVEN ME SOME BEST FRIENDS WHO WILL BE MY FRIENDS FOREVER. I WISH ALL THE SUCCESS TO MY SCHOOL AND LOVE EVERYTHING ABOUT MY SCHOOL LIFE. THE DIFFERENT EXPERIENCES WHICH THE STUDENTS GET IN SCHOOL LIFE HELP

THEM TO BECOME BETTER HUMAN BEINGS. WHEN THEY LEAVE SCHOOL, THEY ARE NOT JUST TAKING THE MEMORIES WITH THEM, BUT THEY TAKE MANY FRIENDS, A CAREER AND GOOD MANNERS FOR LIFE. IT IS THE FIRST PLACE WHERE THE STUDENTS COME OUT OF THEIR FAMILY CIRCLES AND CREATE A NEW ONE WITH THEIR TEACHERS AND FRIENDS. ONE SHOULD ALSO REMEMBER THAT EVERYONE IS NOT PRIVILEGED ENOUGH TO GET AN EDUCATION. IF ONE GETS THIS OPPORTUNITY, THEN BE GRATEFUL AND WORK TOWARDS BEING A BETTER HUMAN BEING. CHERISH YOUR SCHOOL LIFE AND STAY MOTIVATED.

LAST BUT, NOT THE LEAST THIS WAS AN SHORT ARTICLE ABOUT MY SCHOOL,- ARYAVART ANCIENT ACADEMY

हम और हमारा गाँव

एक गाँव में एक लड़का रहता था। जिसका नाम ललन कुमार था। उसका उम्र मात्र अभी 10 वर्ष है ललन बहुत ही गरीब परिवार का है। वह बहुत बड़मस, नटखट सर रती सर गुण उसके अंदर है। और वह पढ़ ई में तो बबलकुल ही जीरो था। समय बबतत गया और एक ददन वो स्कूल गया तो उसने देख की सर लड़के सरके अछे दोस्त की तरह बत कर रहे थे। और ये डर से ककसी से बत नहीं कर रहा था। और मन ही मन में सोच रहा था कक क्य हम भी पढ़ सकते है। और क्य हम से भी सर बत करेगें और पते नहीं इसके मन में क्य-क्य सब ल उठ रहा था, किर सर ने इसको देख और इससे कुछ सब ल पूछ तो ये चुप-चप खड़ा था ककयुकक इसको कुछ आत तो थ नहीं तो सर ने बोल की देठक है। बैठि ओ किर इसने देख कक सर बच्चे इसको देख कर हाँस रहे है। इसको बहुत बुर लग किर इसने मन में न ललय कक अब हमको भी पढ़न है। और समय बबतत गया और अब ये 10 वं में आ गया 10 वं कक्षा पढ़ने के ललए उस गाँव में कोचींग नहीं थ सर बच्चे पढ़ने के ललए शहर में रह थ और ललन भी चहत थ कक हम भी शहर में लेककन इसके पररवर व लो को ललन पे बबलकुल भरोस नहीं था सब सोचत थ कक ये पढ़त तो है नहीं किर इसने पत ककयुकक बगल के गाँव में एक कोचिंग है किर ये वहाँ में लग, बि भी कोई त्योहर आत तब सर शहर में पढ़ने व ले इसके दोस्त गाँव आत और इससे बलत कक 10 वं में इस बर बहुत नम्बर ल एगे और इससे पूछत कक तुम ककतन नम्बर ल नेक सोच रह है। ये बोलत कक पत नहीं क्य होग, 10 वी क पररक्ष हुआ और रिस्ट आय और ये पहली कलश सेप स हो गया ककसी की यकीन नहीं हो रह थ किर इसने अगली कक्ष में न मं कन करव य लेककन ये एक बत से बहुत परेस न रहत थ बि भी अपन पररवर में पैसे कक तंगी से लड़त देखता इसको बुर लगत थ तभी इसने सोच ललय था की ये पैसे कक समस्या को जड़ से खतम करम है, और ये समस्या लसरि इसक नहीं पूर गाँव क थ किर इसने College से पढ़ ई पूर ककय और किर बि गाँव लोट तो इसके पररवर के लोग बोले अब क्य करोगे किर इसके पप ने कक कक बेट रेलवे की नौकरी कर ले ककयुकक पापा का सपना था की हमारा बेटा सरकारी नौकरी करे और सम में भी बहुत इज़त भी लमलत है और सरकारी नौकरी व लो को पैसा भी अच्छा ममलता है लेककन ये ललन को बबलकुल पसंद नहीं थ और सरकारी नौकरी करने से गरीबी में खतम नही होत और क्य पढ़ ई नौकरी करने के ललए ही ककय जाता है क्य, ललन को गाँव क भी गरीबी ददखती थी किर ललन ने अपने पप से कह पप में ये नौकरी नहीं कर सकत में अपन खुद क एक ENGLISH SCHOOL खोलन चहत हूँ इसके पप ने समझ य कक ये स्कूल में क्य रख है। नौकरी कर लें इससे अच्छे पैसे इत ममलेंगे ओर कोई समस्या भी नहीं होगी लेककन ललन नहीं म न किर कहीं से पैसे लेके एक छोट स अपन स्कूल बन य और ये क्य स्कूल तो बन गया लेककन इसके स्कूल में कोई बच्च नहीं भि रह थ किर ललन गाँव-गाँव में किर अपन स्कूल क परचर ककय किर भी नहीं आ रह थ बच्च अब तो इसके के घर की गाँव से भी रिो बते सुनना पढ़त थ लेकन लेककन इसने हर नहीं म न किर एक ददन ललन परचर करने के ललए तनकल और आ ललन ने लोगो को उसके बच्चो के भबीस्य के वरे में बते कक ववन ENGLISH पढ़े आ के इस ददन में कुछ भी नहीं होत किर लोगो को ललन की बते उसमझ में आ गया अगले ही ददन उसके स्कूल में नं कन शुरू हो गया समय बबतत गया अब ललन एक सरकारी नौकरी से भी ज्य द कम रह थ और लोग इसकी इज़्ति भी करते थे लेककन ललन को अब भी गाँव की गरीबी के ललए कुछ नहीं ककय थ, किर एक ददन गाँव के बरे में सोच रह थ कक लोग ककस तरह लोग स लों-स ल तक अपने घरों से दूर शहर में मिदूरी करते हैं किर भी अपने ललए एक अच्छी वन नहीं ि प ते है। सोचते-सोचते घंटो बबत गया किर उसके ददम ग में आय

कक क्यहम रेग ाँव के लीग शहर मेंमिदूरी करतेहैं। किर उसको पत चल कक ग ाँव मेंअच्छी खेती नही हो प ती म त्र साल मेंएक सिल होतत हैऔर कभी-कभी वो भी ब ररस न होनेके करन सुख पड़ जाता है। किर ललन नेकई ददन सोचने के ब द एक तनणषय ललय कक अपनेग ाँव मेंWATER PLANT लगन च दहए, किर क्य WATER PLANT के ब रेमेंपढ ि न समझ और सोच मेंपढ गयी WATER PLANT लग नेमें5-10 ल ख क खचषलग रहा थ किर येब त अपनेप प को बत य लेककन उसके प प नेकह कक ि करन हैकरो लेककन सोच समझ के किर ललन नेपैसेकक इति म ककय और क म शुरू कर ददय ग ाँव ब लो को तो पत ही नही थ कक येसब क्य हो रह है। किर कुछ स ल मेंWATER PLANT बन के तैथ र हो गय अब ग ाँव मेंप नी क समस्य खत्म हो गय लेककन येक्य कोई खेती नही करन च हत थ अब सब को शहर मेंही क म करन अच्छ लगत थ किर ललन को ह र क स मन करन पड़ लेककन किर भी ललन ह र नही म न किर ललन ने ददम ग लग य और 20 लोगों को अपनेक म पर रख लेलय और ग ाँव के लोगो की िमीन को कुछ पैसेदेकर एक स ल के ललए लेलय वैसेभी सब खेत ख ली ही रहत थ तो लोगो नेललन को देददय और ललन नेस र ग ाँव के खेत लेलय और खेतेमेंमिदूर लग ददय और िसल लग य किर क्य िसल हुआ और ललन नेउसी साल जितन क WATER PLANT मेंखचष ककय थ स र क स र वसुल कर ललय िब येब त ग ाँवो व लो को पत चल कक ललन को इतेन ि यद हुआ हैतो अगलेस ल सेस र ग ाँव व लो नेखुद सेखेती करन शुरू कर ददय और स र ककस नों को बहुत स र मुन ि हुआ इसी तरह, ललन WATER PLANT सेप नी ककस न को बेचत और ककस न िसल उग त इसी तरह ग ाँव क गरीबी लमट गय और ललन क सपन पूर हुआ और ललन ग ाँव व लो के ललए भगव न बन गय

जब हम अपना काम करतेहैतो हम ईंसान होतेहैलेककन
जब हम दसु रो के मलए काम करतेहैतो हम भगवान होतेह

The Sweet Truth

BIRBAL'S NEIGHBOUR KARIM WAS CRAZY KNOWING ABOUT HIS FUTURE. HE OFTEN HAD INVITED FORTUNE TELLERS AND PALMISTS TO KNOW WHAT THE FUTURE HELD FOR HIM.

ONE MORNING AS BIRBAL WAS STROLLING IN HIS GARDEN HE HEARD KARIM'S LOUD VOICE "GO AWAY YOU CHEAT. YOU KNOW NOTHING ABOUT FORTUNE-TELLING. DON'T TRY TO COME THIS WAY AGAIN.

BIRBAL SAW THAT KARIM WAS PUSHING A FORTUNE-TELLER OUT OF HIS GATE. BIRBAL WENT TO THE FORTUNE TELLER AND ASKED "WHAT DID YOU SAY TO MAKE KARIM ANGRY?" "SIR, I MERELY LOOKED AT HIS PALM AND TOLD HIM THAT ALL HIS RELATIVES WOULD DIE BEFORE HIM".

"OH! THEN HE PUSHED YOU OUT"

YES, SIR I GUESS HE COULD NOT DIGEST THE BITTER TRUTH BUT I DO NOT AND CANNOT LIE ABOUT SUCH THINGS. YOU ARE HONEST AND TRUSTFUL AND THAT'S A GOOD NATURE. BUT YOU KNOW THAT TRUTH IS ALWAYS BITTER. YOU MUST NOW OFFER HIM 'SWEET TRUTH'.

SWEET TRUTH! HOW DO I SAY THAT? BIRBAL WHISPERED A PLAN IN THE FORTUNE-TELLER'S EARS. NEXT DAY THE FORTUNE TELLER DISGUISED HIMSELF AS AN OLD MAN. HE APPROACHED KARIM'S DOORSTEP. KARIM SAW HIM AND CAME OUT. THE FORTUNE-TELLER EXCLAIMED 'OH SIR! WHAT A GRAND PERSONALITY YOU HAVE I CAN READ YOUR PALM PLEASE?

THE FORTUNE-TELLER STUDIED KARIM'S PLAN AND SAID, 'WHAT GREAT FORTUNES YOU HAVE! YOU HAVE VERY LONG AND PROSPEROUS LIFE AHEAD OF YOU. IN FACT YOU WILL CERTAINLY OUTLIVE ALL YOUR FRIENDS AND RELATIVES.

"IS THAT TRUE?" "AND THAT FOOLISH FORTUNE-TELLER YESTERDAY SAID, OH! LET HIM BE. I AM SO HAPPY TO HEAR WHAT YOU TOLD ME. THEN KARIM WENT IN AND RETURNED WITH A BAG FULL OF GOLD COINS.

THE FORTUNE-TELLER TOOK THE GOLD COINS AND WENT AWAY HAPPILY. HE WENT TO BIRBAL AND SAID, "OH SIR! I REALLY DIDN'T KNOW THAT MORE THAN THE TRUTH, IT'S HOW YOU PRESENT IT THAT COURTS."

Usage Of IoT To Transform Healthcare Services

INTRODUCTION

IN RECENT YEARS, THE TRANSFORMATIVE POTENTIAL OF THE INTERNET OF THINGS (IoT) HAS CAPTURED THE ATTENTION OF THE HEALTHCARE INDUSTRY, PROMISING REVOLUTIONARY CHANGES IN THE WAY HEALTHCARE SERVICES ARE DELIVERED AND MANAGED. THE ABILITY OF IoT TO INTERCONNECT DEVICES AND SYSTEMS HAS OPENED UP NEW POSSIBILITIES FOR ENHANCING PATIENT CARE, OPTIMIZING OPERATIONAL EFFICIENCY, AND FOSTERING A PROACTIVE APPROACH TO HEALTH MANAGEMENT. THIS COMPREHENSIVE EXPLORATION DELVES INTO THE MULTIFACETED ROLE OF IoT IN RESHAPING HEALTHCARE SERVICES, INVESTIGATING ITS IMPACT ON PATIENTS, HEALTHCARE PROVIDERS, AND THE INDUSTRY AS A WHOLE.

THE ROLE OF IoT IN REVOLUTIONIZING REMOTE PATIENT MONITORING

ONE OF THE MOST PROFOUND IMPACTS OF IoT IN HEALTHCARE IS ITS CAPACITY TO FACILITATE REMOTE PATIENT MONITORING. BY LEVERAGING INTERCONNECTED DEVICES, SUCH AS WEARABLE SENSORS AND MONITORING EQUIPMENT, HEALTHCARE PROFESSIONALS CAN CONTINUOUSLY COLLECT REAL-TIME DATA ON PATIENTS' VITAL SIGNS, ACTIVITIES, AND OVERALL HEALTH STATUS. THIS SEAMLESS MONITORING ALLOWS FOR EARLY DETECTION OF HEALTH COMPLICATIONS, PROMPT INTERVENTIONS, AND THE DEVELOPMENT OF PERSONALIZED CARE PLANS, THEREBY SIGNIFICANTLY IMPROVING PATIENT OUTCOMES AND ENHANCING THE QUALITY OF LIFE FOR INDIVIDUALS MANAGING CHRONIC ILLNESSES.

ENHANCING OPERATIONAL EFFICIENCY AND RESOURCE MANAGEMENT IN HEALTHCARE FACILITIES

IoT IMPLEMENTATION WITHIN HEALTHCARE FACILITIES HAS REVOLUTIONIZED VARIOUS OPERATIONAL PROCESSES, LEADING TO HEIGHTENED EFFICIENCY AND SUBSTANTIAL COST SAVINGS. THE DEPLOYMENT OF SMART INVENTORY MANAGEMENT SYSTEMS HAS ENABLED THE AUTOMATIC TRACKING OF MEDICAL SUPPLIES, MEDICATIONS, AND EQUIPMENT, MINIMIZING WASTAGE AND ENSURING TIMELY REPLENISHMENT. ADDITIONALLY, IoT-POWERED ASSET TRACKING AND MAINTENANCE SYSTEMS HAVE OPTIMIZED THE UTILIZATION OF MEDICAL EQUIPMENT, MITIGATING DOWNTIMES AND ENHANCING OVERALL PRODUCTIVITY WITHIN HEALTHCARE ORGANIZATIONS.

EMPOWERING PATIENT ENGAGEMENT AND EXPERIENCE THROUGH IOT SOLUTIONS

IN THE REALM OF PATIENT ENGAGEMENT AND EXPERIENCE, IOT SOLUTIONS HAVE PLAYED A PIVOTAL ROLE IN FOSTERING SEAMLESS COMMUNICATION BETWEEN PATIENTS AND HEALTHCARE PROVIDERS. THROUGH THE INTEGRATION OF MOBILE HEALTH APPLICATIONS AND IOT DEVICES, PATIENTS CAN GAIN EASY ACCESS TO THEIR HEALTH DATA, SCHEDULE APPOINTMENTS, AND RECEIVE TAILORED HEALTH RECOMMENDATIONS. FURTHERMORE, IOT-ENABLED PATIENT PORTALS HAVE FOSTERED GREATER CONNECTIVITY, EMPOWERING PATIENTS TO ACTIVELY PARTICIPATE IN THEIR TREATMENT PLANS AND MAKE INFORMED DECISIONS ABOUT THEIR WELL-BEING.

HARNESSING DATA-DRIVEN INSIGHTS AND PREDICTIVE ANALYTICS IN HEALTHCARE

THE WEALTH OF DATA GENERATED THROUGH IOT DEVICES IN THE HEALTHCARE SECTOR HAS PAVED THE WAY FOR ACTIONABLE INSIGHTS AND PREDICTIVE ANALYTICS. LEVERAGING ADVANCED ANALYTICS AND ARTIFICIAL INTELLIGENCE, HEALTHCARE PROVIDERS CAN DELVE INTO LARGE DATASETS TO DISCERN PATTERNS, TRENDS, AND POTENTIAL HEALTH RISKS. PREDICTIVE ANALYTICS MODELS BASED ON IOT DATA ENABLE THE ANTICIPATION OF DISEASE OUTBREAKS, THE OPTIMIZATION OF RESOURCE ALLOCATION, AND THE CUSTOMIZATION OF PREVENTIVE CARE STRATEGIES, CONTRIBUTING TO A PROACTIVE AND MORE EFFECTIVE HEALTHCARE MANAGEMENT APPROACH.

ADDRESSING CHALLENGES AND MITIGATING SECURITY CONCERNS

DESPITE THE MYRIAD ADVANTAGES OF INTEGRATING IOT IN HEALTHCARE, SEVERAL CHALLENGES, INCLUDING DATA PRIVACY, SECURITY BREACHES, AND INTEROPERABILITY ISSUES, REMAIN PROMINENT CONCERNS. PROTECTING SENSITIVE PATIENT INFORMATION, ENSURING DATA INTEGRITY, AND UPHOLDING REGULATORY COMPLIANCE ARE CRUCIAL CONSIDERATIONS FOR THE SUCCESSFUL INTEGRATION OF IOT IN HEALTHCARE SERVICES. HEALTHCARE ORGANIZATIONS MUST PRIORITIZE ROBUST CYBERSECURITY MEASURES AND ESTABLISH COMPREHENSIVE DATA GOVERNANCE PROTOCOLS TO MITIGATE POTENTIAL RISKS AND SAFEGUARD PATIENT CONFIDENTIALITY.

THE PROMISING TRAJECTORY OF IOT IN THE HEALTHCARE LANDSCAPE

AS TECHNOLOGICAL ADVANCEMENTS CONTINUE TO UNFOLD, THE FUTURE OF IOT IN HEALTHCARE HOLDS IMMENSE PROMISE FOR FURTHER INNOVATION AND PROGRESS. THE CONVERGENCE OF IOT WITH EMERGING TECHNOLOGIES SUCH AS ARTIFICIAL INTELLIGENCE, MACHINE LEARNING, AND BLOCKCHAIN IS POISED TO REVOLUTIONIZE DISEASE MANAGEMENT, PERSONALIZED MEDICINE, AND PREVENTIVE HEALTHCARE. THE ONGOING EVOLUTION OF IOT APPLICATIONS IN HEALTHCARE SERVICES IS PROJECTED TO DRIVE GREATER EFFICIENCIES, REDUCE HEALTHCARE COSTS, AND CONTRIBUTE TO THE DEVELOPMENT OF PATIENT-CENTRIC, DATA-DRIVEN HEALTHCARE ECOSYSTEMS.

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CONCLUSION
ARTICLE BY
SOURABH KUMAR BEHERA

THE INTEGRATION OF IOT TECHNOLOGY IN HEALTHCARE SERVICES MARKS A SIGNIFICANT TURNING POINT IN THE DELIVERY AND MANAGEMENT OF HEALTHCARE. BY HARNESSING THE POWER OF INTERCONNECTED DEVICES AND DATA ANALYTICS, HEALTHCARE PROVIDERS CAN OFFER MORE PERSONALIZED, PROACTIVE, AND EFFICIENT CARE TO PATIENTS. WHILE CHALLENGES PERSIST, THE POTENTIAL BENEFITS OF IOT IN HEALTHCARE ARE UNDENIABLE, PAVING THE WAY FOR A TRANSFORMATIVE AND PATIENT-CENTRED APPROACH TO HEALTHCARE DELIVERY IN THE DIGITAL ERA.

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Women's Education in India

NOWADAYS, THE IMPORTANCE OF WOMEN'S EDUCATION IS GROWING DAY BY DAY. IT IS NOT ONLY IMPORTANT TO EDUCATE GIRLS AND WOMEN BUT ALSO NECESSARY TO PROVIDE THEM BASIC FACILITIES. IN INDIA, THE LITERACY RATE OF WOMEN IS LOW COMPARED TO MEN. THE MAIN REASON BEHIND THIS LITERACY GAP AMONG WOMEN IS THE LACK OF PROPER RESOURCES. IN INDIA, WOMEN'S EDUCATION FACES CHALLENGES; ACCORDING TO 2011 STATISTICS, THE LITERACY RATE OF INDIAN WOMEN WAS 64.6%, SIGNIFICANTLY LOWER THAN THE LITERACY RATE OF MEN, WHICH STOOD AT 80.97%.

IN INDIA, SOCIETAL NORMS OFTEN DICTATE THAT WOMEN SHOULD NOT PURSUE EDUCATION. THE PREVAILING MINDSET ASSIGNS MEN THE RESPONSIBILITY OF EDUCATING CHILDREN WHILE CONSIDERING WOMEN'S ROLES LIMITED TO HOUSE AND FAMILY CARE. ADDITIONALLY, WOMEN SOMETIMES FACE DISCRIMINATION IN SCHOOLS, BEING SEPARATED FROM THEIR MALE COUNTERPARTS OR EVEN DISALLOWED FROM ATTENDING THE SAME CLASSES. THESE SOCIAL, CULTURAL, AND TRADITIONAL NORMS CONTINUE TO HINDER WOMEN'S EDUCATION IN OUR SOCIETY.

THE LACK OF RESOURCES IS NOT THE SOLE REASON FOR THE ILLITERACY RATE AMONG WOMEN. THE MINDSET OF THE PEOPLE IS ALSO A SIGNIFICANT FACTOR. WHILE THIS MINDSET IS GRADUALLY CHANGING, COMPLETE TRANSFORMATION WILL TAKE TIME. INDIA'S RAPID ECONOMIC GROWTH AND ELEVATION AS A GLOBAL POWER PARTIALLY STEM FROM THE INCREASED CONTRIBUTION OF BOTH GENDERS, EMPHASIZING THE IMPORTANCE OF WOMEN'S EDUCATION.

GENDER INEQUALITY PERSISTS DUE TO ISSUES LIKE CHILD LABOR, CHILD MARRIAGE, AND DOWRY. HISTORICALLY WOMEN WERE CONFINED TO DOMESTIC ROLES WHILE MEN PROVIDED SUSTENANCE. EDUCATING SOCIETY ABOUT GENDER EQUALITY AND SOCIAL RIGHTS FOR ALL GENDERS IS ESSENTIAL.

DIGGING DEEPER, GENDER-BASED CRIMES LIKE TRAFFICKING, RAPE, MURDER, AND DOWRY CONTINUE DUE TO GENDER DISCRIMINATION. UNTIL BOTH GENDERS ARE CONSIDERED EQUAL, THESE CRIMES WILL PERSIST. TEACHING OUR CHILDREN ABOUT GENDER EQUALITY AND FAIR TREATMENT FOR ALL GENDERS IS IMPERATIVE.

WOMEN'S EDUCATION IS PIVOTAL FOR A COUNTRY'S DEVELOPMENT. PROVIDING PROPER RESOURCES FOR GIRLS AND WOMEN TO ATTAIN EDUCATION IS NECESSARY. THEY POSSESS THE POTENTIAL TO CONTRIBUTE SIGNIFICANTLY TO THEIR COUNTRY'S ECONOMY AND OVERALL DEVELOPMENT. THEREFORE, PRIORITIZING WOMEN'S EDUCATION IS CRUCIAL.