

GVK WORLD

INAUGURAL ISSUE

GVK:
**THE GROWTH
STORY**
50 FABULOUS YEARS

.....

A SPECIAL LOOK AT ONE OF
**THE LARGEST
COAL MINING**
OPERATIONS IN THE WORLD

.....

**PROJECT
UPDATES**

.....

KNOWLEDGE: HEALTH
**WHY THIS
COLA VERY DI?**



India's Tallest ATC Tower!

GVK is coming up with an 83 m tall air traffic control tower at Chhatrapati Shivaji International Airport, Mumbai. It has been designed by global architectural firm HOK, Hong Kong. The design provides a visibility of over 5 miles. It will also be the first sighting for travellers coming into CSIA.

The ATC tower is being built in an area of 1200 sq. m and will sport a distinctive and eye-catching design from a visual perspective. It is located in the forecourt of the domestic terminal in Santacruz at the Terminal 1B parking area.

The height of the tower is equivalent to a 30 storey residential building. While the tower cab will be specifically designed to have a clear line of sight for Air Traffic Controller, the G+3 floors below will house infrastructure facilities supporting the tower.

The innovative design of the ATC tower was also conferred with the prestigious "Autodesk Hong Kong Building Information Modeling (BIM) Award 2009". The award has been attributed to a range of accomplishments, including innovative use of BIM in building design decisions, sustainable design decisions and business practice transformation and brings into focus Mumbai International Airport Limited's constant endeavour to strive for global excellence.

The new ATC Tower will ease air traffic congestion and increase the efficiency at CSIA.



Editor Speak

Friends,

A New initiative... A New forum... A New channel... that will enable all of us to know more about GVK.

This year is a new landmark for us as we are celebrating 50 years of being in business. In this Golden Jubilee year, we take pride in introducing "GVK WORLD", a quarterly in-house magazine for GVK employees.

This will be an active platform to encourage employees to contribute and learn more about their colleagues located across the globe. GVK WORLD will disseminate information regarding businesses of the group, activities at different plants/offices, employee contribution towards progress, green initiatives, new project announcements and so on.

GVK WORLD will constantly encourage employees towards social welfare and knowledge enhancement. The debut issue endeavours to capture Dr. GVK Reddy's fifty years in business, on how he built this organisation, brick by brick into a global conglomerate.

We have also identified Communication Champions from across the verticals to represent their locations.

We look forward to your contribution and continuous feedback to make GVK WORLD a very successful communication platform for the organisation .

Happy reading!

Arun Arora

Executive Vice President
Corporate Communications

Editorial Team

S. Surya Prakash Reddy
Gorgeous

Communication Champions

Dinesh Kumar Sharma

Shrinagar Hydro Power Project - Alaknanda
P: 09759700158
E: dinesh.sharma@gvk.com

PVSS Kumar

Jegurupadu CAPP
P: 09348302688
E: kumarpvss@gvk.com

Pradeep kumar R

Gautami CAPP
P: 09000175007
E: pradeep.r@gvk.com

Ram Mohan S.V

GVK Corporate Office
P: 09966002052
E: rammohan@gvk.com

Ashish Kokane

GVK MIAL
P: 09619703602
E: ashish.kokane@gvk.com

Raghuram Varma M

GVK EMRI
P: 09949354988
E: raghuramvarma_m@emri.in

Saroj Maria Joseph

GVK BIAL
P: 09538882041
E: saroj.m@bialairport.com

Prasun Mondal

GVK Oil & Gas Ltd.
P: 09971707907
E: prasun.mondal@gvk.com

Rekha Chigurupati

GVK BIO
P: 09885268870
E: rekha.chigurupati@gvkbio.com

Vivek Jain

GVK EPC
P: 09971006023
E: vivek.jain@gvk.com

Uma Reddy

TajGVK Hotels & Resorts Ltd.
P: 08019001217
E: uma.reddy@tajhotels.com

Shubhagani Prakash

GVK Transportation Pvt Ltd.
P: 0 9823211788
E: shubhagani.prakash@gvk.com

Nitesh Hirwani

GVK One
P: 08897084449
E: nitesh.hirwani@gvk.com

Sanjeev Chauhan

GVK Ratle Hydro Electric Project
P: 09858515570
E: Sanjeev.chauhan@gvk.com

Chris Bombolas

Australia Coal Mines & Infrastructure,
Australia
P: 0061 427820841
E: Chris.Bombolas@hancockcoal.com.au

Maninder Singh

Goindwal Sahib Thermal Power Plant
P: 08968231111
E: maninder.singh@gvk.com

Vishwesh Koundilya

GVK Coal (Tokisud) Company Pvt. Ltd.
P: 09304001555
E: vishwesh.koundilya@gvk.com

Please send your contribution/
feedback to corpcomm@gvk.com

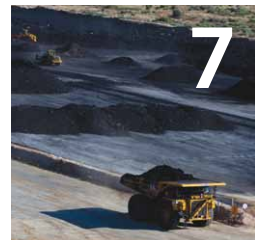
CONTENTS

Chairman's
Interview



50 Year
Milestones

Australian
Coal Mines



Recognitions

Project
Updates



Work.Fun.
Family.

Knowledge
Bytes



Learning
Sessions

VISIONARY. PHILANTHROPIST. STATESMAN.

HIS STRONG PRINCIPLES AND VALUES CONTINUE TO
SPEARHEAD THE DIVERSIFIED BUSINESS CONGLOMERATE.



Dr. GVK Reddy has established GVK as a key infrastructure player with interests in India and international markets. His pioneering initiatives include setting up India's first independent power plant, building the first six-lane road project and developing the first Brownfield airport under the Public Private Partnership model. Raising his own benchmarks with every successive endeavor, Dr. GVK Reddy has been recognized for his dynamism, outstanding brilliance and invaluable contribution to the field of entrepreneurship and social improvement. **He was conferred with the civilian honor of Padma Bhushan** by the Government of India in 2011. Dr. GVK Reddy takes pride in GVK EMRI, which is one of the most important social initiatives of GVK. It is a non-profit organisation based on PPP model and provides emergency response services at par with global standards and follows modern principles of management & leadership to serve the nation. Dr. GVK Reddy's other philanthropic activities include education for the underprivileged, free housing, encouraging sports and building up of an eco-friendly society.

How do you feel about these 50 years?

These 50 years are a culmination of a variety of emotions and bring back fond memories of all these decades gone by. I feel really blessed and contented, when I recollect the challenges and issues that we faced in building our enterprise. I feel very proud of each and every employee who contributed to the success of GVK, because it is their effort, determination and commitment that has made this journey possible. I want to reach out and share the joy of success with them. I get quite nostalgic sometimes, missing all those key stake holders and people who were with us during our journey.

Which part of these 50 years were the most challenging?

The beginning was difficult but I hardly felt it. I was young and working oblivious of the clock, indifferent to everything except for work itself. In the later years, there definitely were some very challenging periods; during our venture into the manufacturing sector, wherein we were working to bring a revolution in the furniture business. Another major challenge was to have entered into the hospitality business, which I personally believed was a pioneering effort and an investment for the future. This was taken up against many popular opinions, that it was a wrong move to build two hotels across the street. However, amongst the most challenging was the decision to leave India and go to the USA for building a business, leaving behind my wife to handle the Novopan business. In retrospect, when I look back, I feel it was a good decision.

You're considered one of the most successful and dynamic first generation entrepreneurs. What were the greatest challenges you faced and the biggest lessons you learnt?

After being in the infrastructure business for so many decades, it is the challenges that have helped me and my organization evolve. I have always believed in taking these challenges head on, as it makes a far-reaching and crucial difference in life, in the years that follow.

I also believe that once you have achieved something, it does not stop there; you have to look up and endeavor to achieve much more. The liberalization of the Indian economy in 1991 was a major development that led to the restructuring of various sectors and the emergence of technologically advanced segments. Prior to that, India was a closed economy and it was rather difficult to set up industrial units due to the prevalent public policy.

I had decided to do a stint in the US. I was given 200 acres of land free of cost by the Montgomery County in North Carolina to build a pre-laminated particle board factory to encourage and motivate the people residing there by creating employment opportunities. Post the opening of the Indian economy in the early 1990s, I got into the power sector in India. With support from IFC, Washington (a wing of World Bank), we commissioned the first mixed fuel power project in India in 1997. From there on, we encountered many challenges and delivered successfully with every endeavor.

Of all the sectors in which you've executed projects, which are the ones that are your personal favourites? Why?

All projects executed by me over the decades are very close to my heart. I also make it a point to personally oversee each project – whether it is the modernization of the then existing terminals of Chhatrapati Shivaji International Airport (CSIA) in Mumbai, the upcoming integrated terminal, T2 at CSIA which is in the process of being completed or the geologically challenging Shrinagar Hydro Electric Project in Uttarakhand.

I have been personally associated with various teams involved and guided them to facilitate the completion of the project and I also make sure that I am able to visit the sites as often as required.

What would you say is your style of leadership? How has it evolved over the years?

I believe in empowering people who work with me and I encourage every employee to be actively involved in every task that they undertake. I further believe in a participative style of leadership whereby each employee contributes to the decision making process and their suggestions are considered. This helps employees become more open to sharing their ideas and opinions and in turn feel more engaged in the process. Additionally, their greater participation always leads to greater ownership in achieving the overall goals of the organisation.

Most people of your age are happy to retire and 'take it easy.' Yet, you've always said this is just the beginning. Where do you find such passion for life and work? Is this passion the cornerstone of your vision for the company?

It's true; I have just started. Whatever I have accomplished so far is just the foundation. I strongly believe that one should always aspire to achieve much more than what they have done in the past. The urge to move ahead and improve upon my earlier performance is the passion and the driving force for me and my company. I have certain goals to achieve, which I keep close to my heart.

In future, whenever I get a feeling that I am not able to contribute (both physically and mentally) to the organization, that would be the day I would retire and take life easy.

Please tell us one thing about yourself that the readers and the media don't know about yet.

This is an interesting question. Let me share that as a young boy I was very playful and was not very disciplined. At the age of 14 or so, I took up a challenge to change myself and I totally transformed myself to what I am today - a very principled and disciplined person.

As a practice, I always ask others what they think and feel about me, to get their feedback in order to improve myself. I believe in a participative style of leadership and involve all the colleagues and take their inputs before taking major decisions.

I like to maintain a low profile. I believe in destiny – Whatever has to happen will happen and that we can make our destiny with our hard work.

I am a very hands-on person and visit all the construction sites to check whether things are going smoothly. If not, I suggest alternatives and ensure that corrective actions are taken.

I honour my word, which I feel, is more than a legally binding agreement. Financial discipline is one of my strengths and I believe this has greatly contributed in building the trust that the financial institutions and banks have in all GVK companies.

I am very fond of maintaining physical fitness and taking care of my health. I get up at 5:15 am every day and play tennis whenever I am in Hyderabad. I love nature, especially gardening and greenery, birds, animals and fish etc. I love music. I am a family person.

And most importantly, I have always endeavored to give back to the society to ensure inclusive growth and especially the less privileged, by helping them through GVK Foundation.



HALF A CENTURY OF SPIRITED ENDEAVORS



Today, GVK is spread across Energy, Resources, Airports, Transportation, Hospitality and Life Sciences sectors. GVK's diversified businesses form a multi-pronged effort to keep the nation abreast in the world arena. From setting up India's first Independent Power Plant and building the first privately operated six-lane expressway project to developing and operating two of the busiest airports in the country and also creating landmarks in the hospitality sector, GVK has come a long way.

1962

Dr. GVK Reddy entered into the business starting with the construction of Nagarjuna Sagar Right Canal. Nagarjuna Sagar Dam is the world's largest masonry dam built across the river Krishna in Nagarjuna Sagar, Nalgonda District of Andhra Pradesh. The dam was constructed for optimum and most beneficial utilization of water from river Krishna. The construction began in 1956 and was completed by 1969.

1965-1966

Dr. GVK Reddy moved to Khammam to undertake two major construction projects – Muneru aqueduct and 100 ft. deep Venkatapalem deep cut canal. Then he moved upstream to Srisailem Dam project which involved the excavation of foundation for a powerhouse on the right bank.

1967

With Hyderabad real estate started looking up, initial investments in real estates began for the enterprise.

1973-1974

Dr. GVK Reddy acquired majority shareholding in Hotel Banjara, a four star hotel and became the Managing Director and completed the project by 1976-77. Collaboration with Holiday Inn marked his entry into the Hospitality business.



Dr. GVK Reddy is the Founder Chairman and Managing Director of GVK, a diversified business conglomerate with interests in a wide range of businesses including power generation, airport operations, roads, hospitality & life sciences. Very energetic and young at heart, Dr. GVK Reddy believes in the basic principles of integrity, honesty and hard work. Dr. GVK Reddy has guided GVK's pioneering initiatives in setting up India's first independent power project, first six-lane road project and first brownfield airport under PPP frame work. Driven by his passion for work, excellence and discipline, in the last five decades, he has established GVK as a key infrastructure player with interests in India and abroad.



1974-1979

- Novopan India Limited was incorporated. A collaboration agreement was signed with Fahrni Institute, Switzerland.
- Novopan India Limited had commenced its commercial operations and it was the first company in India to bring the Pre-laminated Particle Board Technology to manufacture Plain and Melamine Faced Particle Boards.

1984

Nova Resins & Chemicals Pvt. Ltd. was founded as a backward integration strategy. Amino Resins like Urea Formaldehyde/Melamine Formaldehyde Resin requirements of Novopan were met from the indigenous sources, there by saving huge foreign exchange to the exchequer and also improving the overall consistency of Novopan products.

1985

Technically collaborated with M/s GESIKA – West Germany and M/s. Coimal – Italy for setting up a fully automatic furniture manufacturing facility in India. This was a forward integration strategy, a first of its kind for the manufacture of modular type furniture items – kitchen cabinets, drawing room furniture and found wide market and consumer acceptance during the launch.



G V Sanjay Reddy holds multiple positions and plays a key management role in GVK. As Vice-Chairman of GVK Power and Infrastructure Limited, he spearheads GVK's businesses in key areas of infrastructure such as Power, Resources, Airports, Transportation, Hospitality and Life Sciences. Mr. Sanjay Reddy pursued his education in the United States with a Bachelor's in Industrial Engineering from Purdue University and an MBA from University of Michigan, Ann Arbor. He is the Managing Director of MIAL & BIAL, and has been instrumental in modernizing the two busiest airports in the country. As an entrepreneur, he combines his professional expertise and knowledge with a global perspective and a practical approach to business.



G. Indira K Reddy is the Managing Director of TAJGVK Hotels and Resorts Ltd, the hospitality wing of the business conglomerate. She has a science background and has attended the Owners President Management program at Harvard University. She has over 25 years of experience in the fields of finance, hospitality and management. With her inherent business acumen and leadership skills, she is the person behind the success of TAJGVK. She also serves on Board as Director for various other companies of GVK.

1990

The Government of AP shortlisted GVK for setting up the 217 MW CCPP in Jegurupadu, AP.

1991

Novopan India Limited went global by setting up a state of the art greenfield prelaminated project in North Carolina, USA with reverse flow of technology.

1997

Jegurupadu CCPP Phase I (217 MW) started its commercial operations - 20th June.

1999

Entered into a strategic alliance with IHCL for operating hotels – Krishna Oberoi, Holiday Inn and Taj Banjara.



2000

GVK Jaipur-Kishangarh Expressway Limited – 542.4 lane km concession agreement signed for the widening of the then existing two-lane to six-lane divided carriageway facility at Jaipur – Kishangarh Section of NH-8 in Rajasthan on BOT basis. This six-lane BOT project commenced operations in 2005 six months ahead of the scheduled due date. It has received international accolades for timely execution, which paved the way for such future achievements.

50 YEAR STORY

2001

- GVK Biosciences (GVK BIO) is Asia's leading Contract Research Organization (CRO). From Discovery to Development, GVK BIO offers support at various Phases of research including Analytical Services, Biology, Chemistry, Clinical Research, Clinical Pharmacology, Informatics and Process Research & Contract Manufacturing.
- GVK Foundation, a public charitable trust registered for promotion of health care, education, arts, music, sports and various social, economic and cultural activities.
- Dr. GVK Reddy was conferred Life Membership of World Telugu Federation, Chennai and was conferred the TAAI Travel Award.

2002

To support the need for fuel at Goindwal Sahib Power Plant and other plants in North India, GVK expanded its reach and entered the field of captive coal mining at Tokisud, Jharkhand.

2005

- Initiated agreement for acquisition and restructuring of Alaknanda Hydro Power Company (330 MW) between Synergics Hydro Asia and GVK Power & Infrastructure Ltd.



A Villanova University graduate from USA, **Mr. Krishna Ram Bhupal** forayed into the business as the Managing Director of GVK City Pvt. Ltd., which has developed world class GVK one mall. He is also the Managing Director of the GVK Jaipur Expressway Pvt. Ltd. and GVK Power Ltd. (Goindwal Sahib). With his infrastructural expertise, he is heading the development of upcoming power projects – Srinagar Hydro Electric Project and Bogudiyar Sarkari Bhyol Hydro Electric Project and Mapang Bogudiyar Hydro Electric Project. He is also on the Board of Directors of TAJGVK Hotels & Resorts Ltd. and Ratle Hydro Electric Project. Mr. Bhupal is an active member & convenor of CII for AP council besides leading the Sub Committee as co-chairman for Power & Energy – Southern Region.



2006

- Restructuring exercise to bring all the power and infrastructure companies under one umbrella got initiated. As a result, all these companies - Alaknanda, Goriganga, Goindwal Sahib, Gautami, Coal (Tokisud), Infratech, Aviation, Airport Developers and Jaipur Expressway became subsidiaries of GVKPIL.
- GVK took over the management & operations of Chhatrapati Shivaji International Airport (CSIA) operations at Mumbai.

2008

- An agreement was signed with the state of Punjab to set-up 540 MW Thermal Power plant, located in Tarn Taran District, Punjab.
- GVK Tennis Academy was formed to identify young talented tennis players and develop their skills. Over 150 students are being trained in tennis coaching through this Academy. India's Tennis ace Ms. Sania Mirza was sponsored by GVK from the beginning of her career.
- GVK entered into Oil & Gas exploration with 7 deep water offshore blocks awarded through international competitive bidding under NELP -7 (New Exploration Licensing Policy) of the Govt. of India.
- Dr. Reddy was conferred with the honorary title, Doctor of Philosophy by Jawaharlal Nehru Technological University, India in recognition of his dynamism, outstanding brilliance and invaluable contribution to the field of entrepreneurship and society improvement.

2009

- **Jegurupadu CCPP** Phase 2 (228 MW) commenced its commercial operations on 14th April
- **Gautami CCPP** (469 MW) commenced its commercial operations on 5th June
- GVK took over the management & operations control of EMRI (Emergency Management and Research Institute) which became one of the most important social initiatives of GVK. This service is spread across 11 States and two Union Territories
- GVK launched GVK One, a mega retail destination at Banjara Hills, Hyderabad. Spread over 7, 00,000 sq.ft. of development, GVK One houses some of the biggest global brands covering 3, 40,000 sq.ft. of dedicated retail space. GVK One also boasts a six screen, 1258 audience capacity multiplex and a parking space for around 700 cars
- GVK was named the "Most Promising Infrastructure Company" for the year 2009 by KPMG – Infrastructure Today Awards
- Dr. GVK Reddy was honored with the "Entrepreneur of the Year Award" by the Economic Times

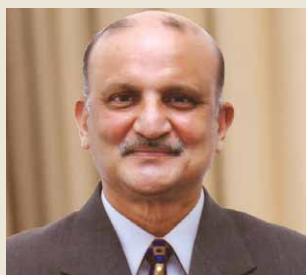
2010

- GVK Acquired 29% stake in BIAL (12% from Zurich Airports and 17% from L & T)
- CSIA voted 'Best Brownfield Airport in Public-Private Partnership for the year 2009' by Air Passengers Association of India
- GVK received Letter of Award from National Highways Authority of India for being qualified for Design, Engineering, Construction, Development, Finance, Operation and Maintenance of four-lane Deoli-Kota Section of NH-12 for approximately 332.16 lane km project in the state of Rajasthan.
- Ratle Hydroelectric Project – 690 MW project allotted to GVK through International Competitive Bidding (ICB), which was later enhanced to 850 MW. This was the first Hydro Electric PPP Project in the country allotted through ICB route. Signed the PPA with Power Development Department (JKPDCL), Government of Jammu and Kashmir.



2011

- Dr. GVK Reddy was conferred with one of the highest civilian honors, "PADMA BHUSHAN" by the President, Government of India for his invaluable contribution to the field of entrepreneurship and social upliftment.
- GVK won the 611.4 lane km Bagodara – Vasad road project in the state of Gujarat on a PPP DBFOT basis under competitive bidding. The project has a concession period of 27 years including the construction period of 30 months.



Mr. Issac A George has a 17 year long association with GVK. During his enriching stint with the company, he has handled key managerial roles like, Director - Finance, Non-Executive Independent Director and Head - Investor Relations before taking on the role of CFO of GVKPIL. He had played a significant role in GVKPIL's successful IPO in 2006. He has been elevated as the CEO for Transportation Vertical after his superannuation during the last Board Meeting. Mr. Issac also continues to serve as a Director on Board in his enhanced role besides overseeing various projects under GVK's Transportation vertical. He aspires to take GVK Transportation to even greater heights and earn more accolades and pinnacles for the organization.

- GVK signed an agreement with Hancock Coal Pty. Ltd. in acquiring 79% stake each in Alpha Coal and Alpha West Coal Projects and 100% stake in Kevin's Corner Coal Project. These projects constitute a total reserve of about 8 billion tonne and a capacity of more than 80 million tonne per annum. When combined these projects will create one of the largest thermal coal mining operations in the world. GVK has also acquired 500 km rail and port project as a part of pit- to- port logistics solution.
- GVK signed an MoU with Indonesian Govt. to develop two airports in Indonesia
- GVK acquires 14% additional stake in BIAL held by Siemens Project Ventures, to increase its stake to 43%.

2012

- GVK featured in top 100 Power Brands, Dr. GVK Reddy honoured with "Hall of Fame Corporate Luminary Award" by Power Brands
- GVK wins "Asia Deal of the Year" and "Asia Outbound Investor of the Year" at the Asia Mining Congress 2012, Singapore.
- CSIA becomes the 1st Indian Airport to gain certification for Greenhouse Gas Verification
- CSIA emerges one of the top 3 performing airports in Airport Service Quality Surveys in 2011
- BIAL becomes Asia-Pacific's 1st Airport and World's 2nd to be certified in Business Continuity Management Systems
- GVK signs concession agreement with NHAI for Shivpuri – Devas Road Project, 1329.84 lane km road in the state of Madhya Pradesh on PPP DBFOT basis.
- GVK BIAL has been accorded as the first company in India to be certified as a Green Company by CII Greenco rating systems for companies
- GVK BIAL achieves Leadership in Energy and Environmental Design (LEEDS) certification of Passenger's Terminal Building

GVK's Australian Coal Mines & Infrastructure projects

ONE OF THE LARGEST THERMAL COAL MINING OPERATIONS IN THE WORLD.

GVK has acquired an equity stake of 79% in Alpha Coal project and Alpha West Coal project and 100% stake in Kevin's Corner project in Queensland from Hancock Pty. Ltd. These projects hold a total reserve of about 8 billion tonne and a capacity of more than 80 million tonne per annum. When combined these projects will create one of the largest thermal coal mining operations in the world.

GVK has also acquired 100% stake in the 500 km rail line and a 60 million tonne per annum port as part of the 'pit-to-port' logistics solution.

GVK has bagged two prestigious awards 'Asia Deal of the Year' and 'Asia Outbound Investor of the Year', for USD 1.26 billion acquisition of Australian Coal Mines in Queensland at Asia Mining Congress 2012, held in Singapore.



Alpha Coal and Alpha West Coal Projects & Kevin's Corner Project

The Alpha Coal Project, declared as a 'Project of State Significance' by the Queensland Government, enjoys favourable geology. Its four principal layers dip from east to west and vary in thickness ranging from 3 to 8 metres. The Alpha Coal project has a mine life of 30 years and a capacity of 32 mtpa making it suitable for high production open cut mining.

The Alpha West Coal project has a mine life of 30 years and a capacity of producing 16-24 mtpa high export grade thermal coal.

Kevin's Corner Coal Project is an advanced coal project and is proposed to be developed as an open cut and underground operation producing up to 30 mtpa. The development process for Kevin's Corner will derive significant benefit from the prior development of the immediately adjacent Alpha coal. Additionally, this project is anticipated to employ around 2,500 people at the peak of its 30 year plus productive life.

Pit to Port Logistics

Rail

The proposed multi-user rail infrastructure project includes 500 km of standard gauge track which is to be built by GVK. This line will connect Alpha Coal and Kevin's Corner mines to the nearest coal port – the Port of Abbot Point and this will be the first privately held railway line in Queensland and will have a capacity of 25000 tonne haul per train. This project will include both mine and port rail loading loops, passing loops, railway rolling stock, signalling and communication, access roads and other crossings.

Port

Hancock Prospecting has been awarded Preferred Developer status for the Abbot Point Port's T3 expansion. As a part of this expansion, a coal handling and stockpiling facility with a capacity of 60 million tonne per annum will be built. This will provide access to two berths at the proposed Multi-Cargo Facility being promoted by the North Queensland Bulk Ports Corporation.

GVK receives Environmental Impact Statement (EIS) for its Alpha Coal and Rail project from Queensland Government, Australia

Queensland Government selects GVK's Rail Corridor for connecting Galilee Basin to Abbot Point Port in Australia

GVK receives Environment Clearance from the Federal government as well for its Alpha Coal and Rail Project in Australia on August 23, 2012.





INNOVATION FOR INDIA AWARDS 2012



Mr. Subhodh Satyawadi – CEO, EMRI receiving the Innovation for India Awards 2012 for public service from Mr. Harish Mariwala, Founder- Marico Innovation Foundation, and CMD – Marico Ltd.



NASSCOM 2012 INNOVATION AWARD

The NASSCOM Social Innovation Honours 2012 (NSIH) grand jury unanimously decided to honour GVK Emergency Management and Research Institute in the category of Multi Stakeholder Partnership.

NATIONAL ROAD SAFETY AWARDS

GVK EMRI, Guwahati, Assam received Runner-Up award in 6th National Road Safety Award conferred by the Government of India, Ministry of Road Transport & Highways.



Frost & Sullivan Award

GVK BIO wins Frost & Sullivan 2011 award for Growth Leadership in Contract Research Services Market.

BioCampus MoU with UoH

BioCampus (Informatics) has signed a Memorandum of Understanding (MoU) with University of Hyderabad (UoH), for jointly offering courses in distance mode:

1. Post Graduate Certificate in Bioinformatics
2. Post Graduate Diploma in Bioinformatics

Collaboration with Moulder Center

GVK BIO has entered into a multi-year drug discovery alliance with the Moulder Center for Drug Discovery Research at Temple University. This collaboration will be responsible for designing the molecules, optimising and progressing them through lead optimisation to a pre-clinical candidate.

Moulder Center is a unique, fully integrated state-of-the-art drug discovery center, used for both internal research and for collaborations with pharma and biotech companies and other universities.



ACI Award

Vikram Sethi, Vice-President, Terminal Operations, MIAL received the award for the 3rd best airport globally and the second best airport in India for airports in the 25-40 million passengers per annum (mppa) category, as a part of the annual ACI Airports Service Quality (ASQ) awards for 2011 at a glittering ceremony in Singapore.



Mr. Vikram Sethi, VP - Terminal Operations, accepting ACI Award, 2012

Carbon Accredited Airport

Chhatrapati Shivaji International Airport, Mumbai has been awarded Airport Carbon Accreditation by Airport Council International (ACI), MIAL received Level 1 mapping certification becoming the first Airport in Asia-Pacific to cross this milestone.



Mr. Loveleen Garg, Sr. Manager - Environment, accepting the certificate for Airport Carbon Accreditation - Mapping

MIAL Wins Coveted Green Award!

The Mumbai Municipal Corporation and Tree Authority have awarded MIAL the first prize for the recently developed Chhatrapati Shivaji Statue Smarak Garden and Traffic Island Garden at GA Terminal.



Mr. Hanumant Raje, Chief Horticulturist accepting the award

MIAL Wins Prestigious Routes Airport Marketing Award

MIAL won the prestigious Routes Airport Marketing Award 2012, under the category of Middle East & India. Other nominated airports in the same category were Delhi, Bangalore, Hyderabad and Abu Dhabi.



Mr. Tariq Butt, VP - Airport Marketing & Aero Business, receiving the award from Mr. David Stroud, EVP - Airports & Routes



Public Relations Council of India Award

The Corporate Communications team of BIAL won 4 awards at the PRCI Awards 2012 held in Mumbai.



Ms. Anjana Kher Murray, GM – Corporate Communications, BIAL receiving the award from the Chairman of PRCI

Global CSR Award

The Corp Comm team partnered with the ARFF team to collect the certificate of merit by the Global CSR Awards - Fire Safety and Awareness.



Mr. Kiran Cariappa, Sr. Manager - Corporate Communication, BIAL receiving Global CSR award at the World HRD congress – 2012

CII's Most Innovative Environmental Best Practices Award – 2012



Mr. Sandeep Chowdary, DGM - Power Systems & Utility, Mr. P Hari Kumar, VP - Engineering & Maintenance, Mr. Jayaram A, Manager - Environment

Business Continuity Management Certification

First airport in the Asia Pacific region to be certified with a BS 25999 - 2:2007.



Mr. Hari Marar, President - Airport Operations, Mr. Daniel Pircher, Director - Operations, Mr. Bhaskar Bodapati, Director - Finance, Dr. Devasia K J, AGM - Emergency & Business Continuity Manager, BSI



The mega roof closure work in progress at T2



Chairman inspecting the construction progress at T2



Mumbai International Airport Pvt. Ltd. (MIAL), a joint venture between the GVK led consortium (74%) and Airports Authority of India (26%), is currently implementing a master plan to build an integrated terminal with a vision and framework to modernize Chhatrapati Shivaji International Airport, Mumbai as one of the best airports in the world. After modernization, Terminal 2, referred to as T2 will be a state-of-the-art 4 level integrated terminal with an area of over 4,39,000 sq.m and will include new taxiways, apron areas for aircraft parking designed to cater to 40 million passengers annually.

Shown here is the construction of the mega roofing system at T2 which was an immensely challenging task in terms of design, form and materials. It covers an approximate area of 50,000 sq.m, equivalent to 10 football grounds. The whole roof is built with 18,000 mt of structural steel, which is enough to build two Eiffel Towers. It leaves a sense of awe in the minds of everyone who flies in and out of the airport. Being aligned with the main runway, passengers can get a view of this technically advanced roofing system which has completed the mega closure. 28 major and 244 minor skylights in the roof bring in ample natural light inside the terminal and add grace to the design.



MD inspecting the mega roof closure

Expansion

Work at Bengaluru International Airport T1 expansion is being undertaken alongside a fully operational airport. Keeping in view the 24x7 operations of the Terminal, work has been progressing at a steady pace without causing any disruptions to the passengers. The availability of this infrastructure will be in phases starting early 2013.

The construction work at the terminal is now clearly visible on both sides of the building, with the wave like roof structures and the column work already in place. Currently new temporary protective walls on the sides of the terminal building are being constructed to remove existing walls to enable a seamless integration of the new wall with the old one. In addition to the side of the building, the roof of the building is being extended to the front as well.



Keeping up with the rapidly growing passenger traffic at the Bengaluru International Airport, the Terminal 1 (T1) will be expanded to provide enhanced capacity of 20 mppa and superior operational performance. The design of the expanded terminal will sport a modern look.



Architect's design of the upcoming expansion of BIAL's new terminal – T1



Shrinagar Hydro Electric Power Project



Closer view of Head Race Tunnel intake structure being built on RHS flank at Shrinagar Hydro Electric Power Project



A view from the downstream side of the dam structure at Shrinagar Hydro Electric Power Project.

Goindwal Sahib Thermal Power Project



Transformer yard and power house building at 2x270 MW Goindwal Sahib Thermal Power Project, Punjab.



Standing Tall: A 275 m high chimney of Goindwal Sahib Power Plant.

Tokisud Coal Mines - R&R Colony



Construction site of R & R (Rehabilitation & Resettlement) colony for Project Affected Families (PAF) in Tokisud Coal Mines, Jharkhand.

GVK EPC

GVK EPC became operational in order to develop in-house capabilities in construction, to meet the challenges of our projects and to meet up with the growing demand and requirement in infrastructure space for external clients.

Initially EPC was involved in the Alaknanda Hydro Electric Project and non-EPC works of Goindwal Sahib while majority of the works were handled by construction giants like L&T, Punjilloyd etc.,

Within a short span of time EPC was able to organize a young, energetic team in a structured manner to handle all the facets of construction.

Prior to getting into the construction work of external clients,



Work in progress at Bagodara – Vasad Road Project.



Girder casting under progress (Deoli-Kota Expressway)

the emphasis was laid on getting quality ISO accreditation, which is expected shortly. Future road map for this wing would be to strengthen the process by implementing the SAP module.

Work in all the projects is in full swing and expected to be delivered as per schedule. In the year 2010-11 GVKPTSL attained a turnover of Rs. 460 crores (increase of more than two folds from the previous year) and is targeting to hit a turnover of Rs. 700 crores in the current financial year.

With the support and guidance from the top management, the young, committed and hardworking team is poised to march ahead with a vision of becoming a world class EPC organization.

Corporate Office

Inauguration of new office block at corporate office, Hyderabad



Inauguration of GVK sports & recreation club at corporate office.



Intra-corporate cricket tournament: GVK Royals - winners receiving the prize from the Chairman



Chairman hoisting the national flag

GVK Sports and Recreation club

Inaugurated by the CMD, having facilities like table tennis, badminton, chess and carrom for the employees inside office premises.

Intra-Corporate tournaments

Badminton, table tennis, carrom, chess and cricket tournaments were held for the employees at corporate office.



Rangoli 2012



Winner: Ms. S G Bharathi & Team
 1st Runners-up: Ms. C Sudha Rani & Ms. G N Lakshmi
 2nd Runners-up: Ms. V Kalpana & Ms. J V Rajeshwari



Women's Day celebrations at the corporate office

Women's Day

Women's Day was celebrated with health related discussions and a lecture on work-life balance by Dr. Revathy Ramaswamy, MD, Apollo Hospitals. Other activities included cake cutting, games and music.

Jegurupadu Events



Dusseera/Sankranthi celebrations at Jegurupadu Power Plant

Celebrations at Jegurupadu are a gala affair with loads of crackers, food courts, cultural programs, prize distribution for winners in various sports competitions. Mr. N.S. Rao, General Manager of the project addressed the audience and stressed on active participation of all employees in sports and cultural activities.



National Flag being hoisted by Mr. N.S. Rao, General Manager

Corporate Social Responsibility at Jegurupadu Power Plant

GVK Jegurupadu Power Plant has always been extending active support to various social activities in the surrounding villages by constructing schools, temples, providing drinking water facility, maintaining green-belt etc.



Advisor (Technical) Mr. G. Satyanarayana along with MRO distributing towels, blankets, and clothes to the fire victims at Kadiyam Village.

GVK Jegurupadu Power Plant conducted Sports Meet that had various categories such as volleyball, badminton, chess, cricket, running race, etc. with various sub categories that involved employees and their families. The employees at Jegurupadu Power Plant took active interest in making their family members get involved in lots of extracurricular activities.



Master Rohit - one of the employees' son at Jegurupadu Power Plant (Mr. P. Sudhakara Rao, Assistant-Stores) won one Silver and Two Bronze Medals at District-level Roller Skating Competition conducted in East Godavari Dist. (Ravulapalem).

Gautami Events



New year celebrations at Gautami Power Plant



Rangoli competition celebrating Sankranti festival at Gautami



Republic day celebration at Gautami



Celebrating the formation of new Welfare Committee at Gautami.

Gautami Employee Welfare Committee conducts various programmes such as Blood Donation Camp, sports etc. throughout the year during different occasions. Employees and their families actively participate in all these programmes and share their joyous moments.



New year celebrations – Musical night



Blood donation camp organized for the Govt. General Hospital, Kakinada at the plant.



Sports & Recreation activities for employees and their families



MIAL



Passenger Day

GVK MIAL celebrated Passenger Day at CSIA on its 6th Anniversary on May 3rd. Passengers were treated to a number of special, memorable and surprising moments all through the day at CSIA including a red carpet entry and exit. Passengers arriving from the flight were pleasantly surprised to discover a gift attached to each bag from the luggage conveyor belt, a first attempt by any airport. Additionally, passengers were encouraged to participate in unique and fun-filled one-minute-games at various terminals at CSIA to win exciting prizes.

Family Day

A first of its kind initiative by the Projects team at MIAL had recently organized a family day event. The objective was to invite their families to our project office and also give them a macro orientation of the project. The event was filled with fun, food and entertainment. Other highlights of the event were a visit to T2, Video Message from our Managing Director Mr. G V Sanjay Reddy and a photosession.





GVK BIO Co-hosts BIOASIA 2012

Bio Asia offered a good platform to share, hear, participate, discuss and identify partners. GVK BIO was on the organising committee for the forum and a panelist on the session “Contract Research Market – growth opportunities”



Ethnic wear Competition

Was held across different units, The PRISM team at GVK BIO celebrated this in a big way.



KIDZROCK

PRISM team conducted this for the children of the employees. This consisted of fancy dress, mimicry, magic show, talent show, drawing competition and so on. The event concluded with prize distribution for the promising children.



Rangoli Competition

Employees displayed their talent with a dash of color.



Aadorani and mobile medical units under the Janani Shishu Suraksha Karyakram set in motion in Assam. Shri Ghulam Nabi Azad, Union Health and Welfare Minister and Shri. Tarun Gogoi, Chief Minister of Assam flagged off this programme earlier this year.

GVK EMRI
launched
108 services in
Dadra & Nagar
Haveli and
Daman & Diu



Magazine Release: Launch of UNITE & EM Care



Road Safety Week

Organized across the centers, AP, Karnataka, Gujarat and Assam in association and partnership with the respective Traffic Police.



GVK EMRI, Gujarat participated in the kite flying festival to spread the awareness of a safer "Uttarayan"



Why this cola very di?

You are feeling low. You need an energy boost. You open a can of soft drink (also called soda or carbonated beverage) and guzzle it down. You feel the energy return and feel invigorated. This fix lasts for a few hours, keeping you alert through the gruelling office hours, until you “need” your fix again. If this sounds familiar, you might be a soda addict.

We all know that soft drinks do not qualify as health drinks (in fact, they do us a host of harm), and yet, we can't seem to stop drinking them. What is it about the seemingly innocuous fizzy drink that has us hooked?

Empty calories: Soft drinks provide zero nutritional value. Soda is nothing but carbonated water that is often flavoured and sweetened with sugar or artificial sweeteners like aspartame, an acid, and some flavouring. The optional ingredients include fruit or fruit juice, vegetable juices, herbs, spices, artificial flavourings, caffeine, preservatives and colour. About 86% of carbonated drinks consist of water.

The bubbles or fizz in a soft drink are due to carbonation—the process of dissolving carbon dioxide in a solution under high pressure. When the pressure is eased, the carbon dioxide is released in the form of bubbles. This makes the drink refreshing.

Sodas are high in calories—an average 330ml serving has around 150 calories. These calories are “empty” as they provide zero nutrition value.

Let us look at some of the other effects of soft drinks on our health. Citric acid and phosphoric acid are commonly used as cola preservatives. Too much of these acids in your blood causes a pH imbalance, and to neutralize this, the body uses calcium. The calcium is leached from the bones, leading to osteoporosis. Thus, many teenagers complain of weak bones due to excessive soda drinking. Excessive caffeine in the body can cause dehydration. It also leads to large-scale depletion of minerals from the body.

Soda is a diuretic, so it will cause you to urinate more. It also contains sodium, which makes you more thirsty. So, after the initial feeling of refreshment, one starts feeling thirsty, and to counter that, people reach for another soda.

Soda also soaks your teeth in sugar, which causes decay. And honestly, how many of us brush our teeth every time we have a soda? The dental enamel or the outer covering that protects the teeth from decay is eroded by the phosphoric and citric acids present in the soft drink, making the teeth prone to decay and damage.

Consuming just two carbonated drinks (330ml each drink) every week appears to double the risk of pancreatic cancer, says Noel T. Mueller, MPH, a research associate at the cancer control programme at Georgetown University Medical Center, Washington, DC, in a study. The study, with Mueller as lead author, was published in December 2009 in *Cancer Epidemiology, Biomarkers and Prevention*, a journal of the American Association for Cancer Research. Tests on the addictive nature of caffeine performed at the Johns Hopkins University of Medicine, Baltimore, US, have found that women who consume at least one cup of any caffeinated beverage a day are more prone to PMS (premenstrual syndrome) and higher the caffeine intake, the more severe the symptoms.

Now if you are feeling virtuous for switching from sugary sodas to diet sodas, a new study published earlier this year in the *Journal of General Internal Medicine*, which followed 2,564 New Yorkers for a decade, found that people who drank diet soda every day had a 44% higher risk of vascular diseases, including stroke and heart attack, compared to those who completely abstained from diet drinks. The researchers presented their results at the American Stroke Association's International Stroke Conference 2011, in Los Angeles.

How to quit

Quitting any addiction cold turkey is easier said than done and chances of relapse are high, because the caffeine withdrawal can give you a headache. Also, because of the high sugar content, you always feel high and once you quit soft drinks, you start craving sugar. If you find it difficult to give up in one go, then as a first step, you could shift from regular to diet soda or tonic water or club sodas (like Schweppes), which are lower in calories, have no caffeine and less artificial colouring. But bear in mind that this is not a long-term solution as diet sodas are also harmful to health. As a medical doctor, I have used this technique

successfully with a lot of my patients, and found that completely quitting this habit takes about 12 weeks.

Another trick that I teach my patients is to add foods that are high in L-glutamine. This is an amino acid that is found in eggs, fish, chicken, wheat, beans, cabbage, beetroot, spinach, and parsley and helps reduce sugar cravings. Switch to natural and healthier drinks like fresh lime water or coconut water, which is low in sugar and high in potassium and helps in maintaining the pH balance and regulating blood pressure.

I like a glass of sparkling water with a

squirt of lime.

Ready reckoner: One can of soda (330ml) per day adds 150 calories. 150 calories multiplied by 365 days equals 54,750 calories each year. One can of soda per day adds 15.64 pounds (or 7.08 kg) to the body every year.

If you aren't fat, this can be the easiest way to get there!

Vishakha Shivdasani is a Mumbai-based medical doctor with a fellowship in nutrition. She specializes in controlling diabetes, cholesterol and obesity.



Infrastructure Project Development: A knowledge session by Dr. BH Ravindra, Director- PBD. During the session he highlighted and brought in front various key aspects such as feasibility, budgeting, execution etc.

Self-Managing Leadership

Guest lecture on “Self Managing Leadership” by an external faculty of Brahmakumari’s. The session was focused on balancing everyday life and self development.

Accounting Standards- Revised Schedule- VI

The session was conducted by E&Y along with Mr. Sanjeev Kumar Singh, AVP- Finance. It laid down a new format for preparation and presentation of financial statements by Indian companies as the revised Schedule VI introduces significant conceptual changes in the accounting standards.

Corporate Governance

Conducted by Mr. Rama Seshu, Mr. T. Ravi Prakash and Ms. Neeti Bhachawat, Company Secretaries at our Corporate Office. The session on “Corporate Governance” focussed on various aspects, merits and demerits of Governance.

O&M Practices in Thermal Power Generation

Knowledge sharing session was taken up by Mr. John Fernandes, Director - Operations. His presentation briefed about Current and Future dynamics of the power industry.



Self managing leadership



KM session on O&M practices in power generation

Take some time out and enjoy!



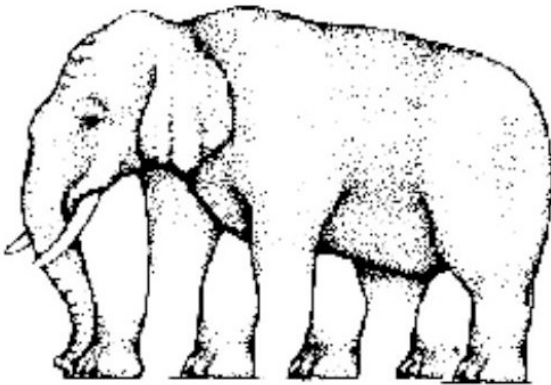
Smile Please!

A Journalist to a doctor of a Mental Hospital: "How do you determine whether to admit a patient or not?"

Doctor: "Well, We first fill a Bathtub with water till the top. Then give a teaspoon, a glass and a bucket to the patient and ask him to empty the bathtub"

Journalist: "Obviously a normal person would use a bucket because its bigger!"

Doctor: "No you stupid, a normal person would pull the DRAIN PLUG! Admit this idiot in ward no: 39"



How many legs does this elephant have?

JUMBLLED WORDS

Following are jumbled words by profession, get the right answer:

1. R B U L P E M

2. R I T S A T

3. N C I L C R T E E A I

4. G N I E E E R N

5. V I D R R E

Answers: 1. Plumber 2. Artist
3. Electrician 4. Engineer 5. Driver

Amazing facts about animals



• Apart from human's even chimpanzees can learn to recognize their own image in a mirror.

• While there are so many cows grazing in the world, no two cows will ever be found with identical pattern of spots.



• A lion's roar is so loud that it can heard upto a distance of five miles.

• Crocodiles, through their life grow new teeth that replace the old set!



• A snail can sleep for three years, at a stretch.

• The donkey's eye placement helps it see all its four feet at a time.

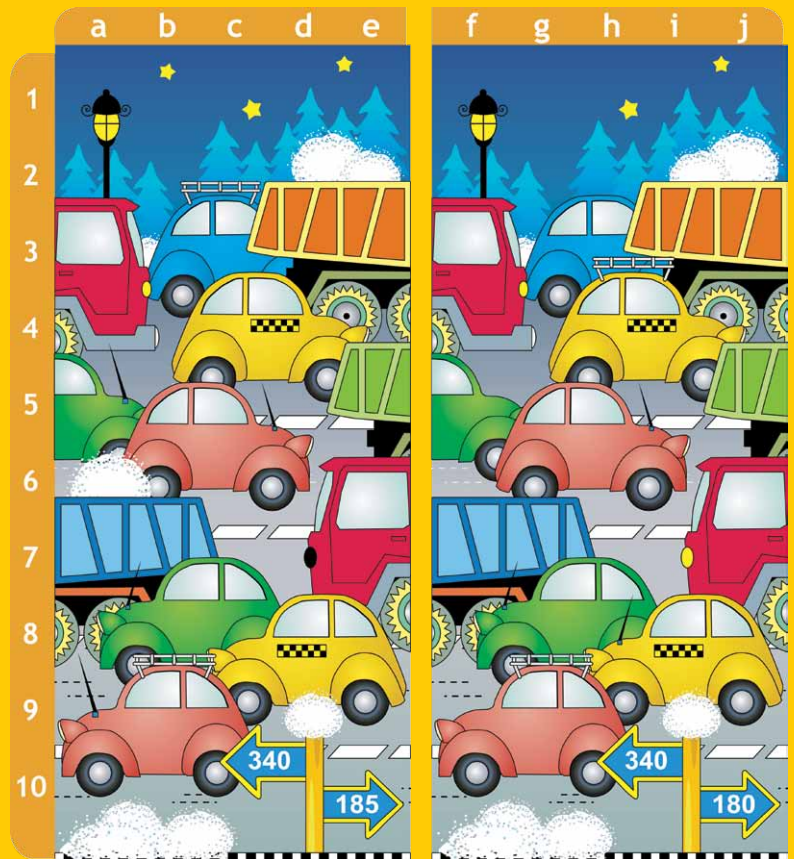


• The taste buds of a butterfly are in its feet

In every row **add** just one matchstick to make the equation correct.

Answers:
 IX = III + III
 IA = I - II
 AX = III + IX
 IX = III + VI
 V = I + IV
 IX = II + VII

Spot 10 Differences



Answers: 1. g1, 2. h2, 3. j2, 4. h3, 5. f5, 6. f6, 7. i7, 8. h8, 9. f9, 10. j10

Please send your entries like pictures travelogue, articles, achievements and other happenings for GVK World at: corpcomm@gvk.com

A company wide contest was held to name the in-house magazine to enhance a sense of belonging and involvement of readers. The contest received overwhelming response from across locations.

'GVK WORLD' the name finally chosen was suggested by the following employees. *Congratulations to the winners!*

MAGAZINE TITLE WINNERS



Anand Kadam
 Asst. General Manager-Security
 MIAL



Mazhar Shaikh
 Logistics Coordinator
 MIAL



Kiran Prasad
 Management Trainee
 MIAL



Nishant Jain
 Manager Safety
 GVK Deoli Kota
 Expressway



Anjana Kher Murray
 GM-Corp. Communications
 BIAL



Subir
 DGM-Corp.
 Communications
 T2, MIAL



Anand Sutar
 Report Specialist
 MIAL

ASIA DEAL OF THE YEAR

ASIA OUTBOUND INVESTOR OF THE YEAR

GVK has two new reasons to celebrate, having bagged these prestigious awards at the ASIA MINING CONGRESS 2012, Singapore for **USD 1.26 billion acquisition of the Hancock Coal Mines in Australia.**

GVK acquired the Alpha, Kevin's Corner and Alpha West Coal projects in Queensland, Australia from Hancock Prospecting Pty. Ltd. with total resources of about 8 billion tonnes and a capacity of more than 80 million tonnes per annum. When combined, these projects will be one of the largest thermal coal mining operations in the world. GVK has also acquired 100% stake in the 500 km rail line and a 60 million tonnes per annum port as part of the 'pit-to-port' logistics solution.



We are grateful to our bankers, advisors & other associates for their guidance and support.