



# ME Connect

CME Newsletter Vol.2 N0.2



**Gold Award in 40<sup>th</sup> National Kaizen Competition**

## **From Executive Chairman's Desk**

Dear All,

After Some Ups & downs in last couple of months due to Covid, our plants are very much back on the Right Track. Covid & its effects will be Off & On in coming months too. We all need to follow strictly all the protocol & achieve our targets as well. There is nothing abnormal in it. Rather, this is the new Normal now. Everything has to move on in a very careful manner.

It is really encouraging to see some plants maintaining machine Health in an impressive manner but plants with regular higher breakdown are still cause of concern. Sometimes it is very much disappointing to know plants not following Proper Best maintenance Practices, Quality Circle action points are not implemented. Such plants are under our watch list & they have to work hard to improve their performance.

Last year, Udvada had won the National Quality Circle Award & this year Kallakal got Gold in CII National Kaizen competition. All other plants have to come forward with such success stories. Opportunities are open to all. It depends on who comes forward & grab it. Get inspired by the best performers.

Innovation-21 projects for Improvements & cost reduction has to progress along with routine activities. This is a new key to the Lock of success. I was happy to see many young GETs coming up with Brilliant ideas. This is new DNA & Culture of Patil group where everyone has to think differently, Do brainstorming, find new possibilities of improvement continuously & contribute at his/ her level best.

Process ownership & machine ownership are proven tools of CME for increasing your efficiency. Top 5 plants in CME Rating have practised these very well & most importantly sustaining also. If you do not sustain the Best Practices than there is strong chances to fall in non-performing category of plants. Other plants have to give nail-biting competition to be in top 5 position.

The New railway minister is tough, focused & result oriented. Patil group has remained always in the best performing category of Vendor to Railways. Do your level best to remain in TOP.

All the best!

**L S Patil**

Patil Group

## First Manufacturing Excellence Plant:

Gaya sleeper plant has been declared as first Manufacturing Excellence Plant who has implemented all the 5 CME pillars, Sustained and improved the plant visual management to a great extent.

Other plants must come forward and get similar distinction for their units too.

CME will declare every year the Best Manufacturing Excellence plant among the whole group.



## “Gold Award” in CII National Kaizen competition:

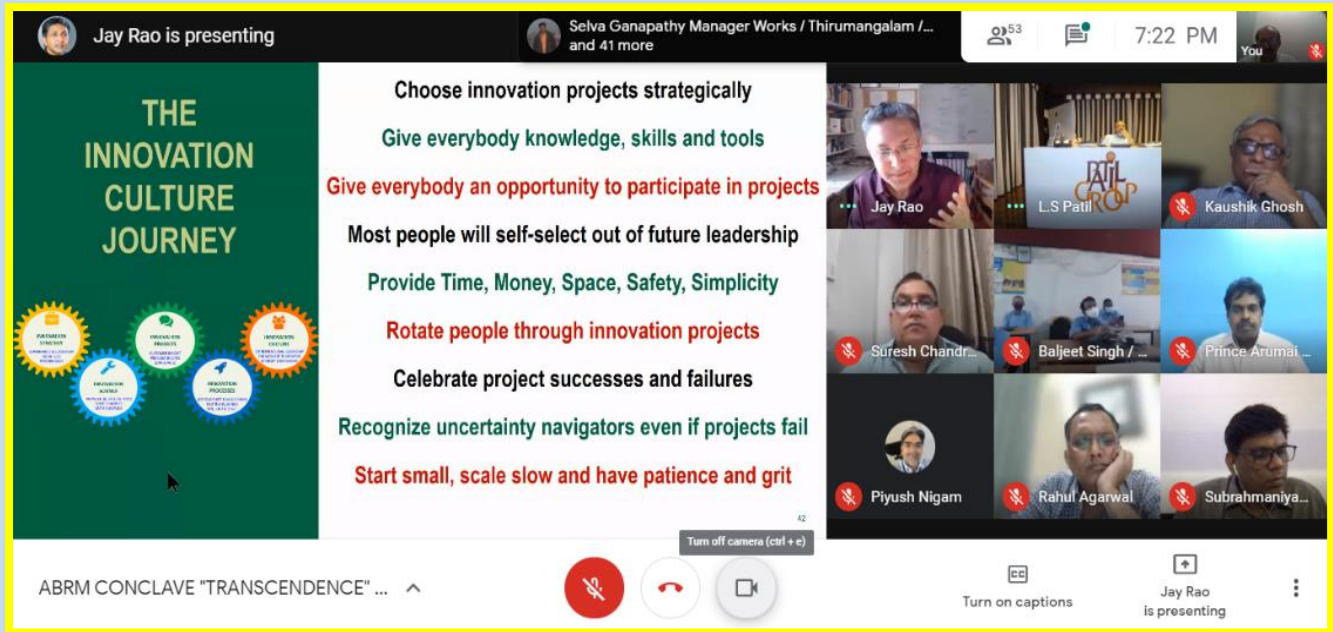
Kallakal Plant has participated in the 40th National Kaizen Competition organised by CII. Theme was: Productivity Improvement by conversion of 12 cavity pattern to 14 cavity.





## Innovation 2021:

A session on innovation and strategy was organized for our core team members. This initiative was taken as a part to inculcate the culture of innovation through continuous improvement across the organization. Professor Jay Rao, who's one of the renowned strategy consultant to several companies across the world conducted this session. It was highly interactive & motivational session in which he explained importance of manufacturing excellence & innovation for consistent growth of any organisation in current scenario.



All Plants have come up with their Innovative ideas for various cost saving & Improvement projects. This has to be taken on priority in every plant. Earlier completion will be appreciated. Such completed Innovation projects will be horizontally deployed in all group units. This new culture has to be inculcated in every staff & they should be motivated to brainstorm & come up with good ideas to help operations to run more efficiently.

### Innovation: Power sleeper Trolley

Power trolley developed by Kargi Team is one of the idea which has been implemented under Innovation-21 initiative. The whole machine is manufactured in-house by kargi team. This is far more efficient & cost effective way of Sleeper movement from shop floor to gantry.

Congratulations to Kargi team for their innovation & we are sure many more such team initiative are there to implement.



### Innovation Project Taken by GET:

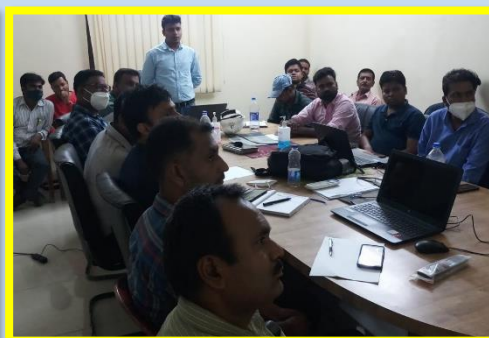
Many young GETs have participated in Innovation'21 with lot of enthusiasm and contributed by sharing their original innovative ideas. This is really a positive sign to see these young talent joining the mainstream of Patil group's strategy vision. Plant heads are there to support them in implementing process and help them to meet the target.

Innovation 2021 by GET			
SI No	Plant	Project Name	GET Name
1	ACPL	Online monitoring system to be developed for all process	Harsh kapadia
2		If any censor is not working then buzzar to be given	
3	PATRI	If Magnet is not in contact with mould then buzzer to be given	Rathindranath Datta
4	SHOLAKA & ANARA	Handpulling - Gripper trial to be taken for pulling the wire	Raj Jha
5	SHOLAKA	Trial to be taken for - Replacement of cement by GGBS (Ground granulated Blast Furnace), Detailed PPT should be presented by GET	
6	KARGI	Trial to be taken for - Use of Small stressing gun instead of hand pulling of wire	Surya prakash
7	MIRZA	Trial to be taken for - Pnuematic mould oil sprayer for smooth and homogeneous application of oil	Rahul mandal
8		While checking Insert it is to be checked for insert grove dimension-tool to be prepared	
9	UDV	Modification in demoulding tackle - trial to be taken	Arnab
1	SHOLAKA	Elongation - Usage of sensors at tensioning to measure Elongation accurately	Raj Jha
2	SHOLAKA	Trial taken for - Use of bar code scanner on benches & moulds	Raj Jha
3	KARGI	Trial taken for Automatic calculation of elongation during tensioning,by using Linear Variable Differential Transformer (LVDT).	Surya

### Manufacturing excellence launched @ Bokaro:

Launching was done jointly for both Insert & Wire unit. Relevant training given to teams.

Detailed understanding given on Process ownership & Machine ownership was done. Owners defined for both plants & various processes. Awareness session conducted for 5S, Kaizen with some successful case studies & examples of other Plants of Patil group.

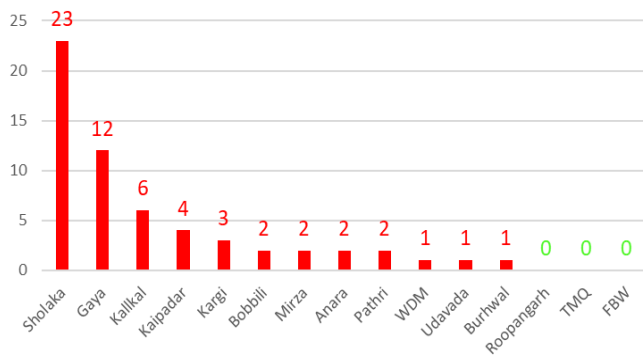




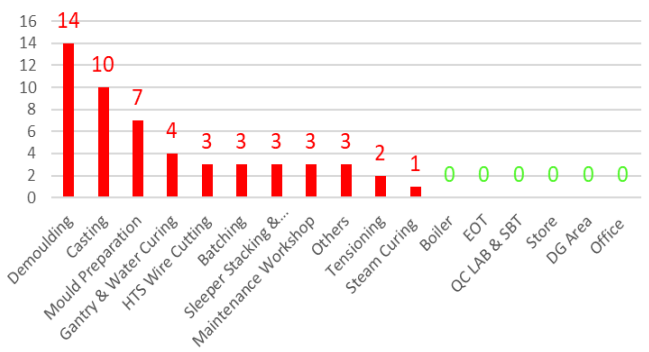
## Safety Q1 2021-22:

There is no major accidents in any of the group plants in this year. However, every employee has to be alert all the time in the plant. Plant management team must continue with safety Gemba walk .it always highlights some of the potential risk.

Total safety Incidents Q1 2021-22



Area wise Total No of Accidents Q1 2021-22

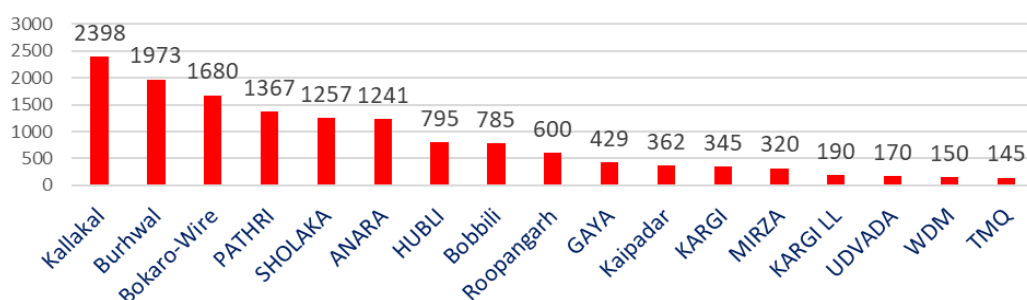


## Focused maintenance:

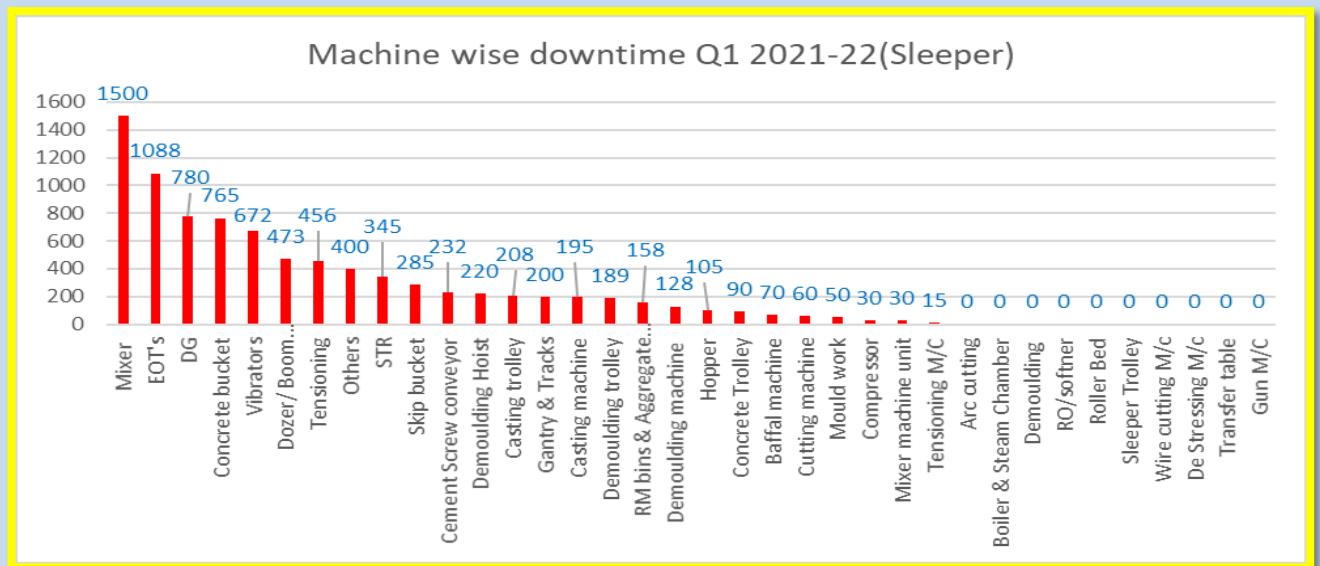
Below reports are the maintenance performance of all the plants based on First Quarter (April- June). Breakdown data are Machine wise & Plant wise.

These are Self- Explanatory and clearly evident which plant & which machine have to improve their performance. Repeated poor performances are under close watch.

Plant wise downtime mints Q1 2021-22

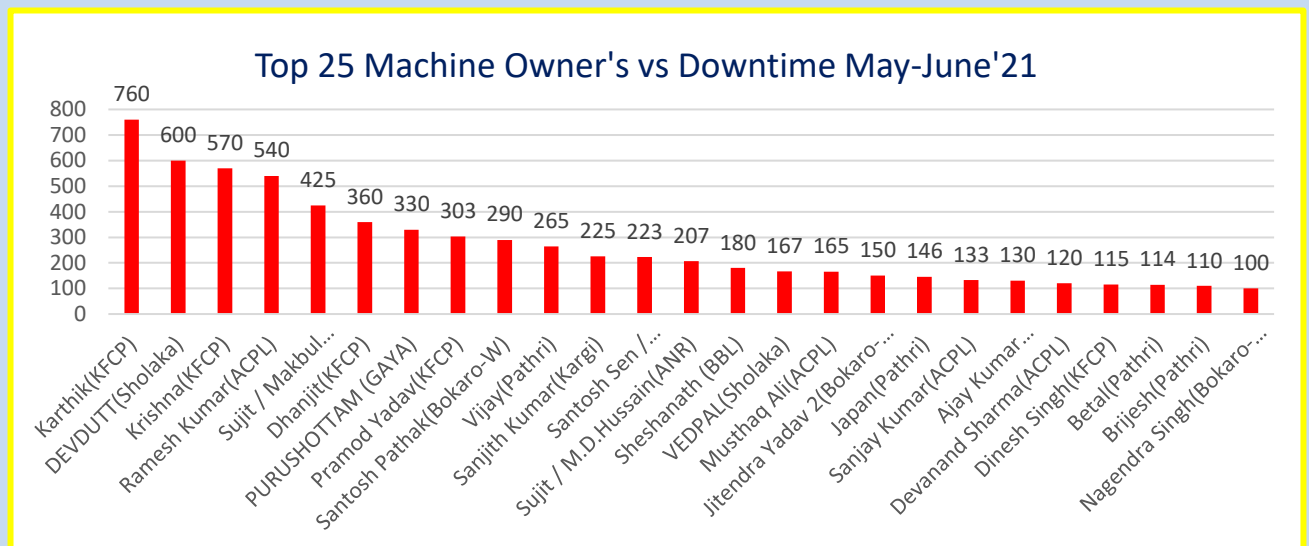






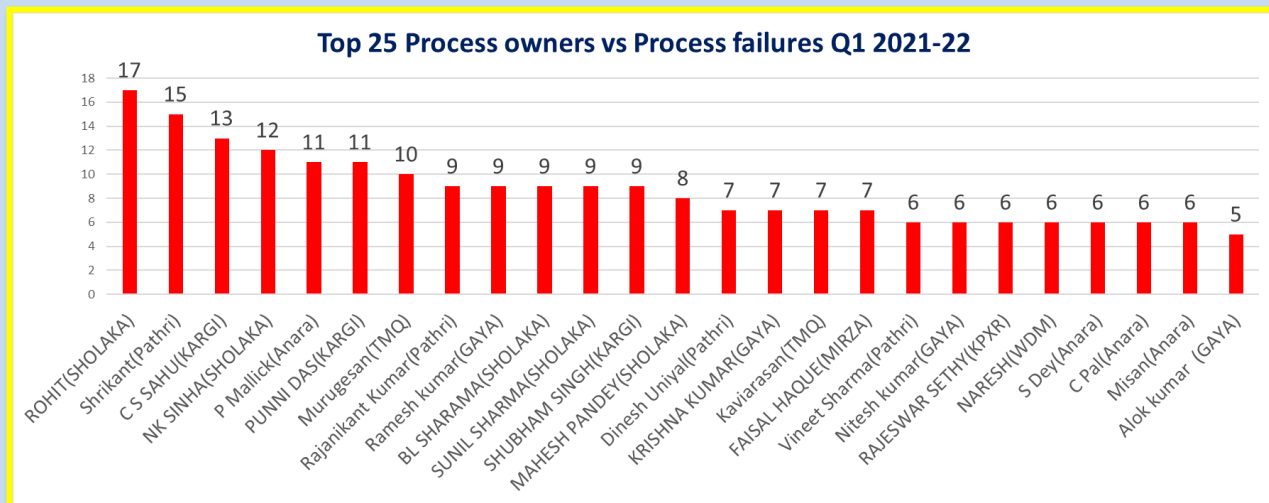
### Machine Ownership:

CME publishes every week Plant wise, machine wise & M/c owner wise performance report which clearly indicated which plant & which Owners have to improve their performance by doing the real root cause analysis.



### Process Ownership:

This has been a very strong pillar which will help every plant to control, Reduce & finally eliminate Rejections. This improves plant's KPI, Product quality, team morale & reduces Customer complaint. CME publishes every month the names of process owners who has contributed for most of the rejections. Such Process Owners have to immediately improve to escape from any unwanted action from Plant management.



## Quality Circle Projects for 2021-22

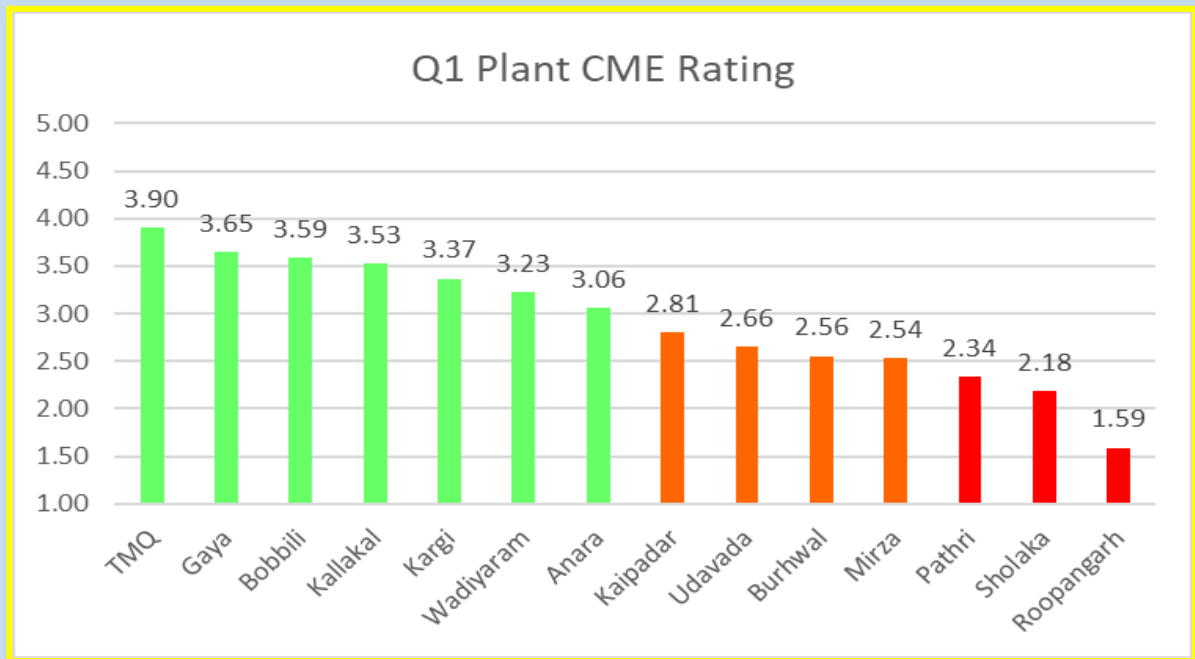
These new Projects have been taken up for various plants. Equally important is to sustain the previously implemented Quality circle projects. In surprise audits, these implemented action points will be checked by CME or any person nominated by CME.

SL No	Project	Plant
1	Gantry B/D & Cable Cut	WDM/KPXR/Sholaka
2	Mixer Tiles consumption/cost reduction	TMQ
3	Die consumption	Bobbili
4	Overall Rejection(Sand drop)	Kallakal
5	Energy conservation & Boiler Efficiency	kargi, Sholaka
6	DG	Anara, Kargi, ACPL
7	SD	Anara, Sholaka
8	Bearing Consumption	Gaya, KPXR
9	Motor Burnt	KPXR, UDV
10	Mixer	Gaya
11	Dozer	Pathri, ACPL
12	Reduction of Power Consumption	Kargi



## Plant CME Rating Q1:

Performance of every plant is monitored by CME. Here is the rating after completing First quarter of 2021. Plants need to continuously work on all the pillars of CME and rate itself first with your team. Plants with lower ratings have to improve on all fronts.



## New Initiatives:

Praise & Shame: CME has started to highlight good performer & bad performer. Owners, who has highest number of Rejections & breakdowns under their ownership, their names will be published for poor performance & will be appreciated if, process failures & downtime are Zero/very less.

Rejections and downtimes are the two Key performance indicators which are major bottleneck in achieving Individual's & plant's target.

## Upcoming Event:

- CME website
- Kaushal Kranti 2021: An opportunity to prove your skill