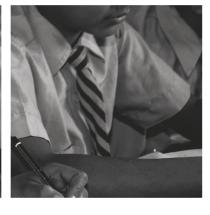
# PARENTOF SCHOOL INNOVATION REVIEW









2019 Edition

A Comprehensive Study of School Innovation

20,000 Parents | 300 Schools | 6 Innovation Categories



# Parentof School Innovation Review - 2019 Edition

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# **FOREWORD**

Education has evolved over the years; content, pedagogies, methodologies, purpose, technology and social change have progressed to complement schools to ensure every child realizes his/her potential. As someone who encouraged innovations through my tenure across various Departments, I strongly believe in Best Practice Exchange platforms to foster early adoptions and diligent policy making that results in far better visible outcomes.

Innovations are imperative to growth, because every problem needs its solution; so it is the need of the time to discover something new and useful in Education. In keeping with this objective, I have been given to understand that this study has analyzed the data collected from different schools under a multitude of evaluative categories in order to document and publish best practices. I do believe that such efforts, which aim to recognize and acknowledge excellence in methodologies that focus on the all-round development of children, need to be applauded.

The process of study by involving evidence based evaluation, parental feedback for a 360-degree-review and eminent jury discussions seems to provide the recognition in a fair and unbiased manner, free from influence to ascertain the contributors and innovators under each category.

I personally applaud the effort taken to ascertain which of the practices, programs & initiatives yielded the best results among students. It is with insights such as these, that educators across India could find inspiration & solutions to practical problems they face on a day to day basis.



Ashok Kumar Manoli, IAS (Retd.) Government of Karnataka

# INTRODUCTION TO THE STUDY

#### Evolution from the past

With more than 1.4 million schools enrolling over 227 million students, India is a nation of highly competitive students hungry to be the best and willing to go to great lengths to make that happen.

In the age of drones, high-speed trains and commercial space travel, the way we learn and teach has undergone a major shift with high-quality school education delivered to children.

Schools have, are and will always be integral to the growth of a child. The conducive environment that a school promotes allows children all across the world to soak in the knowledge and values that define them for the rest of their lives. However, the landscape of modern-day learning is fast changing and very little of it bears any semblance to the methods of old.

#### Taking stock of the present

Schools are no longer just mere sources of information and knowledge from which a child can derive information as and when he/she pleases. In fact, schools now serve as thought-facilitators, contributing significantly to the overall development of the character of a child.

This new system encourages and accentuates the role of several influencing factors that play a part in the lives of these children, such as parents, teachers, infrastructure, healthcare and mind care facilities, simulated environments and so on. These factors have now come to serve extremely influential roles in the overall progress of a child's growth, with a proven track record to show for it.

The initial inspiration for this Study came from meeting several academic leaders who were instrumental in innovating several facets of education management. They have been the architects of the schools of tomorrow. The India of tomorrow needs these innovations on a large scale. This Study aims to capture such innovations and drive schools for better policies and decisions.

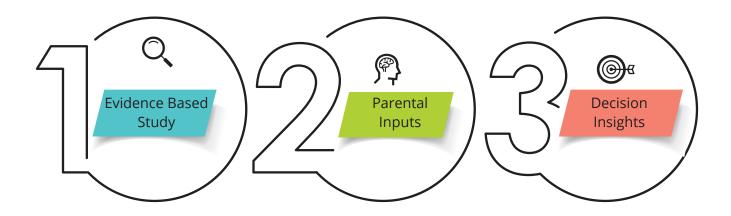
#### Finding Inspiration for the Future

The focus of this publication is to provide insights, which throw light upon how 'Schools of the Future' may become a reality now – the "how?", as well as the "what?" and "why?"

Many lament the stubborn persistence of the "Colonial Age" bureaucratic model of Schools as inappropriate for 21st-century knowledge societies. Technology and access to free information has shifted the way in which children learn and teachers teach. By documenting and publishing best practices in core aspects of education, it is our belief that a path leading to the envisioned future may be found.

To this end, we innovated on a unique model for conducting the study which we called the PAIR-Scale Model of evaluation. PAIR-Scale stands for the Parentof Innovation Rating Scale.

PAIR-Scale took a 3 Dimensional Approach to studying and recognizing the best Practices that could be identified as cues for decision-making.



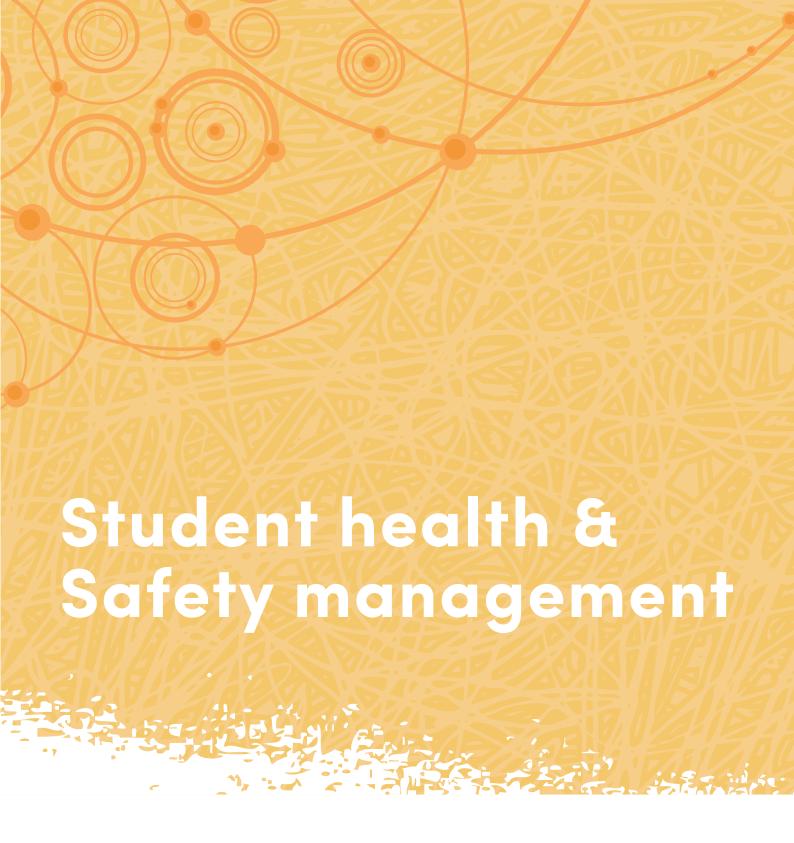
The First Dimension is a structured Questionnaire and Evidence Based Study implemented by an experienced team of academicians. The Second Dimension understands the Parental sentiment and gathers feedback on the same parameters as implemented by the Schools. The Third Dimension reflects on the correlational data with an experienced jury to underline the key decision-making insights in the form of infographics and stories.

This Publication is hence a collection of Infographics, Case Studies, Best Practices and Analyses covering the macro sweep of trends and scenarios for building the Schools of the Future.

It is our hope that these insights become a catalyst which point educators in a new direction - The direction of the Schools of the Future!



**Swaroop Madhavan,**Editor - Parentof School Innovation Review
Curator - Parentof Innovation Awards



Among the most sacred gifts you can give your child is the gift of health. This gift is best given by example.

- Dr. Rand Olson

# **FOCUS ON CHILD HEALTH & SAFETY**

A safe learning environment is vital for children of all ages. Without it, they are unable to focus on learning the skills needed for a successful education. The issue of Child Safety is the primary concern at all levels of the community, be it schools, playground, or home environment.

Focusing on Child Health is incomplete without Safety management within the community. Minimizing risks of injury, incidents and accidents is imperative to holistic growth and development of children. Safety has to be dealt with at multiple levels and customized to students and schools, and it ought to be a community effort that enables every child to feel cared for.

Keeping this in mind, I'm glad to learn that an in-depth study has been conducted across the Board on the Best Practices that schools have embraced. It is gratifying to understand that institutions that have prioritized child Safety and Health are being recognized for pioneering the healthy way ahead. The study, will no doubt, guide the way ahead towards child development.



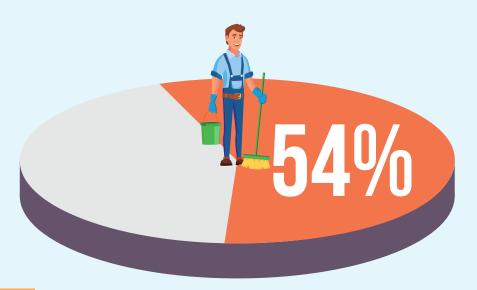
Padmasree Dr. B. Ramana Rao Consulting Physician & Cardiologist

#### STUDENT HEALTH AND SAFETY MANAGEMENT

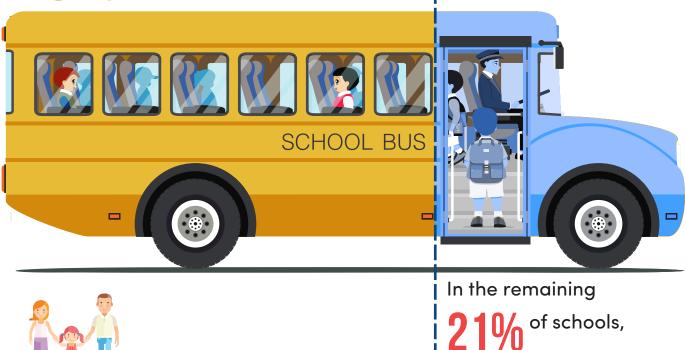


of parents feel the school is sufficiently prepared to handle emergencies

In the schools are lacking in standard hygiene protocols like student awareness program for precautions against tobacco use & substance abuse, regular floor mopping, and washroom cleaning, installation of water facility at every floor.

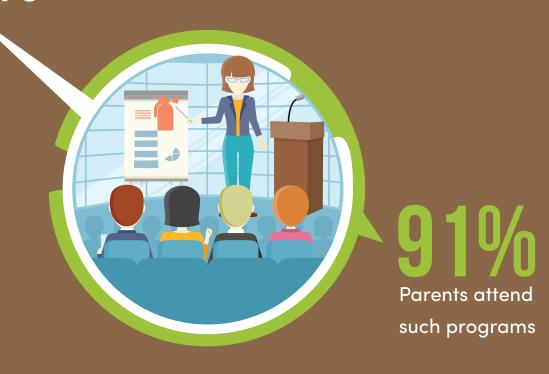


of the parents of these schools gave negative reviews in hygiene & cleanliness parameters of schools ensure that a teacher is always present in a school bus



of parents hesitate to use the school transport due to safety concerns

of schools conduct Health & Nutrition training programs for parents.



#### STUDENT HEALTH & SAFETY MANAGEMENT



In Alphabetical Order\*

Canara High School

Mangalore (CBSE)

**Carmel Academy** 

Bangalore (ICSE)

G.R. International School

Bangalore (CBSE)

Indian School of Excellence

Bangalore (CBSE)

Little Flower Public School

Bangalore (ICSE)

S.K. Public Primary and High School

Anekal (State Board)

Shishya BEML Public School

Bangalore (CBSE)

SJR Public School

Bangalore (CBSE)

The South School

Bangalore (CBSE)

VIBGYOR High - Yelahanka

Bangalore (CBSE)

Vydehi School of Excellence Bangalore (CBSE)



# **CATEGORY WINNERS**

# Jury Choice Winner

#### St. Patrick's Academy

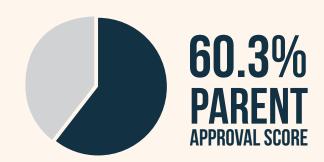
Bangalore (ICSE)

- Infrastructure is well suited to accomodate students with physical disabilities like wheelchairs, ramps etc.
- Special Assemblies for awareness about Healthy Diet.
- MoU with Columbia Asia, Sarjapura Road in case of emergency or otherwise.
- Awareness drive and march for Leprosy

## Parent Choice Winner

#### **DPS Bangalore East**

Bangalore (CBSE)



52.05%
PARENT RESPONSE RATE





H is said that 'We waste life, when we wante first'. We all know the importance of food and the efforts and natural resources go in making a portion of med for us. Hence it is everyone's responsibility to receive setting of final.

To boost up the sense of responsibility in one young enterior, we at VIBGYOR have initiated a program - Clean Plate Award which will help in developing the habit of avoiding wastage of food.

cess; dents after having their lunch will show the

ITIONS

tiffin box in the teacher in charge in cafeteria / Class.

On finding the broch plate / tiffin box without any scanlage of food, beacher in charge will rison a CLEAN PLATE AWARD space / budge.

Clean Plane Award stricker can be were as a badge for the day in the school. Favests are requested to maintain a Note book at forms as collect and arch. Clean Plate Award stickers received by their word?s

At the end of every anouth, these shound Stickers will be rewarded with a CERTIFICATE.

We request you to support this program and help nor auditors to been avoiding working of soci. Arrivpring over satisfactorial cuppyriting a make this incontre successful. Reeping plate Cleany REW

Food than tha



St. Patrick's Academy









At the end of the day, the most overwhelming key to a child's success is the positive involvement of parents

- Jane D. Hull

## **ENGAGING PARENTS IS IMPERATIVE TO CHILD'S SUCCESS**

Active, engaged parents translate to active, engaged children. Open communication with your child's school is the single most important way you will receive information not only about the school, but regarding their development, progress, and success in school. Education does not stop at school, it is a continuous process that requires the child's parents to be active participants.

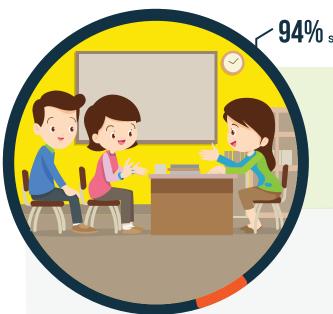
Education philosophies have evolved with each generation and it is the need of the hour that parents remain engaged in their children's lives to galvanize growth and development. By strengthening the bonds between schools and parents, I believe will lead to a proactive, productive and equitable community around the child.

I am heartened to learn that an in-depth study was conducted on schools, keeping parental engagement as a yard stick to measure Innovative practices. Moreover, felicitating these schools that are setting new standards will encourage the proliferation of such initiatives that emphasize on the 360-degree development of children.



**Dr. Shilpa Datar**Founder, Swayam Personality Assessment
Adjunct Professor, Hindu University of America

#### PARENT ENGAGEMENT



94% schools conduct an orientation session at the start of the year.

of parents from these schools found such sessions extremely helpful.





Contrastingly, in schools which do not conduct the session 53% parents are left feeling neglected and disengaged.

83% of schools conduct 4 or more PTMs in a year.



In the remaining

170/0 schools.

84%

parents in these schools feel the PTMs help in providing clarity in child's behaviour, academics & co-curricular progress



**54%** 

parents believe their school fails in timely communication on child development.



**89%** of schools have an online facility for school to parent communication.

Parent satisfaction rate on "timely updates" is around

Meanwhile,

In the remaining 11% schools that did not send weekly updates via online media

of their parents have demanded the implementation of such a communication system

**84**% schools provide volunteering opportunities for parents.

of parents participate in such activities.

Whereas in the remaining 16% schools

of parents have expressed their willingness to participate if invited.



of schools involve their parents before making key changes.

of schools did not involve their parents before making key changes.

In these schools, over



of parents feel engaged & heard by the school management.

Over.



of parents had negative reviews

about the school

#### PARENT ENGAGEMENT



In Alphabetical Order\*

Chrysalis High - Horamavu

Bangalore (CBSE)

Divine English School Bangalore (ICSE)

JSS Public School - Bage Hassan (CBSE)

Karnataka Public School

Bangalore (CBSE)

Nurture International School

Bangalore (CBSE)

Presidency School -Kasturinagar

Bangalore (CBSE)

Samved School

Bangalore (State Board)

Sri Saraswathi Vidyanikethana School

Anekal (State Board)

The Paradise Residential School

Bangalore (ICSE)

VIBGYOR High - BTM

Bangalore (CBSE)

**VIBGYOR** High - Electronic City

Bangalore (ICSE)

VIBGYOR High - Hennur

Bangalore (CBSE)

VIBGYOR High - Horamavu

Bangalore (ICSE)

VIBGYOR High -Jakkur

Bangalore (CBSE)



# **CATEGORY WINNERS**

#### **Jury Choice Winner (Tied)**

#### Jai Gopal Garodia Rashtrotthana Vidyalaya Bangalore (State Board)

- Maatru Bharati/Mandali Workshops for mothers on parenting, personal hygiene and even vocational training.
- Maatru Vandana On Teachers Day, children did the 'pada pooja' of their mothers, invited as guests, to imbibe the value that Mothers are the First Teachers.
- Maatru Bhojana The mothers prepare food for 3-5 different children at school.

#### Whitefield Global School

Bangalore (CBSE)

- Strong Parent-Student-Teacher discussion forum with external experts
- Parent-Child Bonding program where parents participate with children in activities or on Annual Gathering Day.
  - Parents are also called to judge the event Wings of Fire. Sees huge participation from parents.

#### **Parent Choice Winner**

St. Joseph's Indian Primary School

Bangalore (CBSE)



49.16%

PARENT RESPONSE RATE





Lack of activities destroys the good condition of every human being, while movement and methodical physical exercise save it and preserve it.

- Plato

# MIND, BODY & SOUL

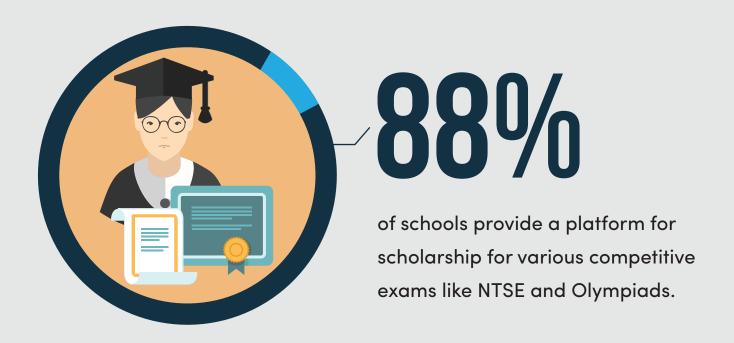
In schools, academics necessitate rigors, such as in-depth learning & complex problem-solving, which go far to strengthen the mind, but extra-curricular activities will take this a step further. These activities will help build the child's skills, like team-spirit, leadership and communication. This also allows the child to pursue other activities, outside the context of academics. They play an important role in giving young children an opportunity to mold their lives to become well-rounded people.

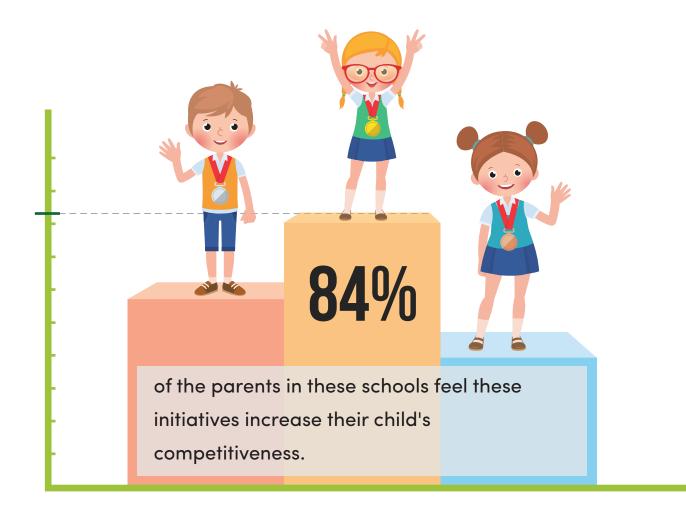
The collaborative effort to study practices that schools have adopted is an effort that needs to be lauded and recognizing institutions that have single-mindedly embraced programs that ensure children's all-round development is inspiring. This will motivate schools across the country to adopt practices that build a better learning environment for young minds.



Mr. Jonas Olsson HR Director, Volvo Group Head of Dept (Voice), The Bangalore School of Music

#### **CO-CURRICULAR DEVELOPMENT**





96% of cases, when a school hosted an inter-school competition







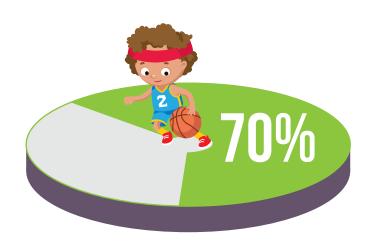
They observed a

**78**%

increase in student participation.







of parents feel their school's policies on co-curricular development has helped their child in achieving academic objectives.

However, only

13%

of schools dedicate over 8 hours/week or sports and physical education.

#### INFORMATION IN CO-CURRICULAR DEVELOPMENT



In Alphabetical Order\*

**BGS World School - Nagarur** 

Bangalore (ICSE)

**Divine Providence School** 

Bangalore (CBSE)

**Gopalan National School** 

Bangalore (ICSE)

JSS Public School

Bellary (CBSE)

Moulya Gurukul International School

Anekal (CBSE)

New Horizon Gurukul

Bangalore (CBSE)

**Police Public School** 

Bangalore (CBSE)

Presidency School - RT Nagar

Bangalore (ICSE)

Samsidh Mount Litera Zee School - HSR Extn

Bangalore (CBSE)

**Sherwood High** 

Bangalore (ICSE)

St. Mary's English Medium School

Udupi (CBSE)

The Princeton School

Bangalore (CBSE)



# **CATEGORY WINNERS**

## Jury Choice Winner

#### VIBGYOR High - Kadugodi

Bangalore (CBSE)



Well implemented water conservation program, driven by students in the form of co-curricular exercise.



Awards and recognition for students who manage food waste through waste segregation and sharing excess food with the lesser privileged.



Involved communities & parents in water conservation events, extending social impact of their programs.

## Parent Choice Winner

## **Harvest International School**

Bangalore (CBSE)



39%
PARENT RESPONSE RATE



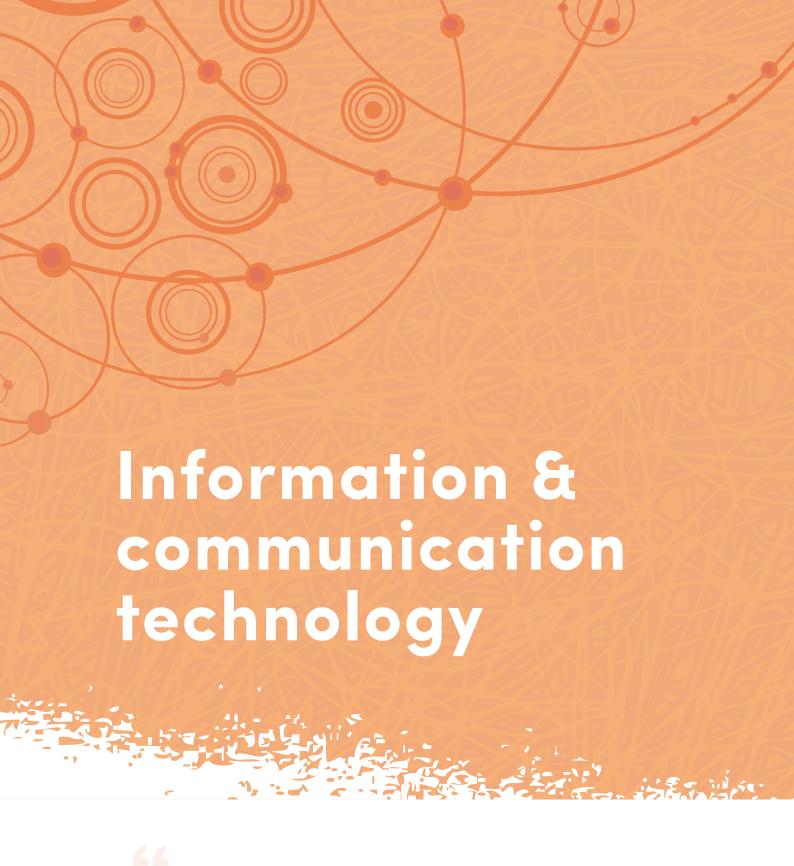












Technology can become the wings that will allow the educational world to fly farther and faster than ever before- if we allow it.

- Jenny Arledge

# **ICT & THE CHILD**

Over the past decade, the face of education has transformed, from the way students receive information, methods they adopt to learn, the way teachers communicate, to the way children perceive the world and adapt themselves to solve real-world challenges. Thus, uniqueness of such innovative practices is not just limited to technology, but also the way the world communicates with the child.

In fact, it is this paradigm shift that has facilitated the adoption of Information & communication Technology (ICT) in the teaching-learning methods in schools across the world.

In view of the purpose of enhancing the impact of primary education on the children, I'm pleased to know that a comprehensive study has been conducted by researchers and institutions on innovations and the Best Practices adopted by schools. I applaud the schools that have laid the foundation to embracing new and innovative initiatives, programs and pedagogies that facilitate empowered learning through technology.

I am glad to learn that the results of the study will lead the way in promoting similar initiatives across India. Additionally, the insights have provided valuable understanding, which will help address the challenges and new directions in the educational setting.



**Mr. Viswanathan Thiagarajan**Director, eVidyaloka Trust
VP, Engineering, Nference

#### INFORMATION AND COMMUNICATION TECHNOLOGY.

81%

19%

of schools provide individual learning devices to students or have deployed Audio Visual learning capabilities of schools that do not provide individual learning devices to students or have deployed Audio Visual learning capabilities have observed that

88%
Parents

**78%** Parents

rated the school positively.

Said the school lacks basic infrastructure.



**74**%

of schools have a curriculum teaching 'Information & Communication Technology' to students.

In these schools,

91%

of parents have reported that their child now uses technology for learning or for self-improvement

of the schools have partnered with an of the schools have partnered with an Analytics provider to gain actionable insights.

These schools are seeing an average of

year on year improvement of their key academic indicators.

#### INFORMATION AND COMMUNICATION TECHNOLOGY



In Alphabetical Order\*

Bangalore International Academy, Bangalore (CBSE)

BGS National Public School Bangalore (CBSE)

BGS WORLD SCHOOL Chikkaballapur (ICSE)

Excel Public School Mysore (CBSE)

Glentree Academy - Whitefield Bangalore (CBSE)

India International School
Bangalore (ICSE)

New Horizon Public School Bangalore (ICSE)

VIBGYOR High -Bannerghatta Bangalore (ICSE)

VIBGYOR High -Doddanekundi Bangalore (CBSE)

VIBGYOR High - Haralur Bangalore (ICSE)



# **CATEGORY WINNERS**

## **Jury Choice Winner**

#### AECS Magnolia Maaruthi Public School

Bangalore (CBSE)



Robust protocols for cyber-safety and use of internet



Video Conference based exchange programs with students across South Korea, Pakistan, Vietnam, Ireland, Morocco & Sri-Lanka.



Students and teachers developed a competitive exam software which the school is using on a day-to-day basis.

### Parent Choice Winner

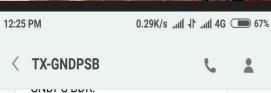
#### Guru Nanak Dev Public School

Bidar (CBSE)



73.58%
PARENT RESPONSE RATE





Dear parent, School will remain close on 13/09/2018 on account of "GANESH CHATURTHI". School timing during half-yearly exam (For Nursery to VIII) 08:20am to 01:00pm.

**PRINCIPAL** CNIDDS RDD

Guru Nanak Dev Public School





AECS Magnolia Maaruthi Public School

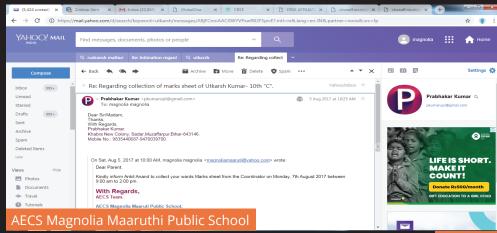














Always do what is right. It will gratify half of mankind and astound the other.

- Mark Twain

# **VALUE EDUCATION**

Education paves the way ahead for children, but who they are is shaped by the values that schools impart. Values shape our relationship with others and the world, our behaviors, our choices and who we are. The more positive our values, the more positive our outlook in life is. This is why it is imperative that Value Education be part of the school's curriculum. Schools have the profound responsibility of shaping the child's life, from his/her career to their personality.

Value education harmonizes the child's intellectual, physical, emotional and spiritual quotients. It is the vehicle of knowledge and success, and ensuring educational institutions instill a code of ethics, which is vital to every child's well-being.

In view of this, I applaud the initiative to recognize schools that truly lead by example, inculcating values, morals and ethics that will mold and inspire the future generation. The much-needed study will throw light on policies, patterns and methodologies that need to evolve with the need of the hour.

My best wishes to all who have contributed to this initiative.



**Dr. Kalpana Sampath**Director, Arpitha Associates
Visiting faculty, IIM-Bangalore

## **VALUE EDUCATION**

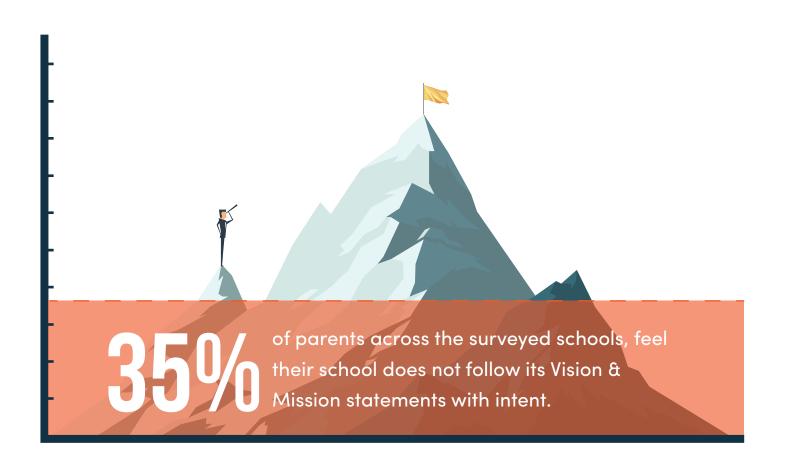


of schools have dedicated study material or training program on value education



92%

of parents in these schools believe that such initiatives have helped to inculcate positive discipline in their child.



of schools conduct social activities or campaigns for various causes and have tie-ups with one or more NGOs



**78**%

of parents in these schools believe that such initiatives have indeed helped their child discriminate between his/her actions based on a personal value system.

#### INFORMATION AND COMMUNICATION TECHNOLOGY



In Alphabetical Order\*

Auden Public School (Girinagar)

Bangalore (ICSE)

Cambridge Public School

Bangalore (ICSE)

Innisfree House School

Bangalore (ICSE)

Kendriya Vidyalaya - BEML Nagar

Kolar (CBSE)

Mahila Seva Samaja Senior Secondary School

Bangalore (CBSE)

Mount Litera Zee School -Electronics City

Bangalore (CBSE)

Rashtrotthana Vidya Kendra, Banashankari

Bangalore (CBSE)

Royal Concorde International School - Begur

Bangalore (CBSE)

Ryan International School - Kundalahalli

Bangalore (ICSE)

Sri Sri Ravishankar Vidya Mandir

Bangalore (CBSE)

St Dominic's School

Bangalore (ICSE)

Vihaan Public School

Bangalore (CBSE)



# **CATEGORY WINNERS**

# Jury Choice Winner

#### St. Paul's English School

Bangalore (ICSE)



Special Value Education syllabus for grades 1-5, including personal values and social relationships.



Weekly workshops on life skills conducted by the psychology department for classes 1 to 12.

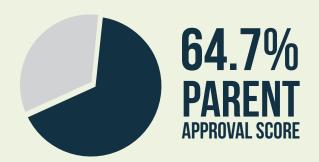


Implemented systems which teach that it is okay to be anxious for results. It is more important to work on challenges.

## Parent Choice Winner

#### **Jain Public School**

Bangalore (CBSE)



**62.1%** 

PARENT RESPONSE RATE



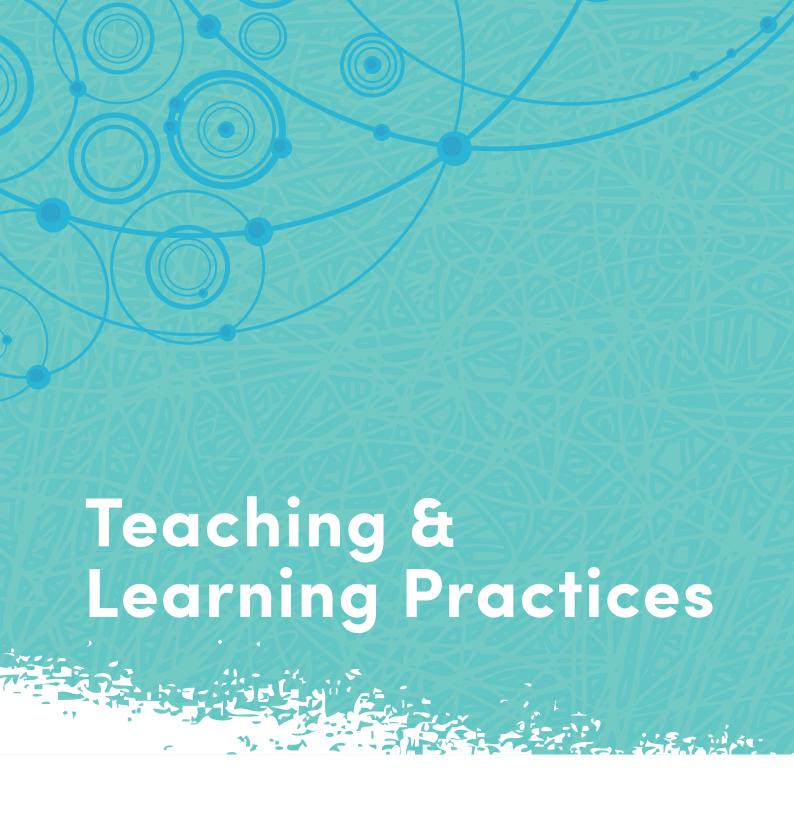












One child, one teacher, one book, one pen can change the world.

— Malala Yousafzai

## **BETTER TEACHERS MAKE BETTER LEARNERS**

As a nation, we spend a large amount of our resources and time on obtaining quality education for our children. This is especially true when it comes to recent efforts at the private and public level towards improving quality of education in schools. Simply, at the most basic level, every educator and parent asks the question - How do we improve the way we teach and the way children learn?

And yet, even with technology implementation, CCE type assessments, and new curricula being tested every year, the core factor impacting the quality of education remains the same - The Teacher! This has less to do with how deeply qualified the teacher is, and more to do with the teaching and learning practices adopted by the teacher. The abilities, knowledge and mainly the enthusiasm of the teacher often dictate the success (or otherwise) of the children they teach.

All tools that an educator may use are simply that - Tools. In the hands of a skilled teacher, with effective teaching & learning practices, these tools become powerful enough to positively impact the young learners.

The results of this study are heartening. I'm glad to discover that schools and teachers have a consistent agenda of improving teaching & learning practices year on year. I trust that with the insights this study provides, educators will continue strive towards guiding each child towards excellence.



**Dr. Ali Khwaja** Chairman, Banjara Academy

### **TEACHING & LEARNING PRACTICES**

94%

of schools which invite guest speakers to improve student's learning perspectives



**60**%

of their students have shown a moderate to high adoption rate on various action items shared by the speaker



of the schools that adapt to all three learning methods (Kinaesthetic, Auditory and Visual),

have observed a parent satisfaction rate of over

**90**%

In the remaining

**16**%

of the schools

of parents find the learning pattern to be generic or one-size-fits-all.





88%
of schools encourage experiential learning and hands-on-experience,

33% of schools conduct exercise labs

96%

of the parents feel such initiatives help their child to overcome learning disabilities.



**72**%

of schools prefer to involve parents in workshops



**55**%

of the schools prefer to engage child psychologists



14%

of the school partner with training organizations

#### **TEACHING & LEARNING PRACTICES**



In Alphabetical Order\*

**Bishop Sargant School** 

Tumkur (ICSE)

Chrysalis High - Kadugodi

Bangalore (CBSE)

Deens Academy - Gunjur

Bangalore (CBSE)

**Guru Nanak Public School** 

Bidar (CBSE)

Mahatma Vidyalaya

Anekal (State Board)

Mount Litera Zee School-Vidyaranyapura

Bangalore (CBSE)

Presidency School (Bangalore South)

Bangalore (CBSE)

Presidency School - Nandini Layout

Bangalore, (ICSE)

Presidency School - Yelahanka

Bangalore (CBSE)

S.V.E.T Institutions

Anekal (State Board)

Sri Sarvajna Public School

Bangalore (CBSE)

Surabhi Vidyaniketan

Hospet (CBSE)

The Deens Academy - Whitefield

Bangalore (CBSE)



# **CATEGORY WINNERS**

## **Jury Choice Winner**

### **Tapovan School**

Bangalore (ICSE)



Implemented hands-on learning and Nature based learning at all levels. Pays attention to special needs children.



Unique LSRW pedagogy across all grades. Moving a child from listening, to speaking, to reading, to writing, from the simplest to the most complex topics.



5-Point Blue Scale method of teacher evaluation and feedback implemented which includes SWOT and Peer Analyses.



Selected by NITI AAYOG to implement a futuristic Tinkering Lab

## Parent Choice Winner

St. Aloysius Gonzaga School

Mangalore (CBSE)



44.55%

PARENT RESPONSE RATE















## THE WAY FORWARD

To begin, I'd like to congratulate the organizers behind this study of innovations and best practices in schools, for bringing to light the educators who deserve recognition and the practices which are truly transforming the learning experience for students. It is such insights which will demystify the path towards becoming a nation of better educators and better learners.

The purpose of education is not just to impart knowledge but to teach one to think - intensively, creatively and critically. It is our education that decides what we become and who we become, and that in turn translates to the foundation of our economy, society and the future of an entire nation. If such is the power of education, then it is important that we give innovations and reforms their due place. This would mean changes and transformations in every factor of the system like educational philosophy, student policies, curriculum, pedagogy, didactics, organisation management, finance and their links with the development of the nation.

Innovation in education is an ongoing process that is required to keep the system healthy and engaging for both, the students and teachers, alike. Set patterns and pedagogies need to be evaluated, challenged and recreated to keep the passion of teaching and learning alive. Innovation is required to get the students to think and ask questions, to pique on their curiosity and keep them interested. Especially to ensure that the teachings reach effectively and cater to all the students and not just a select few in a class.

With the advancements in technology, learning is no longer dependent exclusively on the teachers in a classroom, or the books that a student has access to. The children of today are living and growing in the 'Information Age'. They are more inclined towards formats of learning which not only challenge them but also allow them to explore and connect better to the outside world. Therefore, a learning environment which is exciting, challenging and rewarding, is highly significant. The myth surrounding such learning environments is that the teacher would become obsolete. On the contrary, such an environment will require more skilled teachers who are able to direct the students' energies and shield them from the several distractions which the information tools of today present. Skilled teachers, more than ever, are indispensable now.

In today's innovation economy, education becomes extremely important to nurture the next generation of innovators and thinkers who will define their own ways of comprehending problems and coming up with solutions to make a difference. Let me echo Nelson Mandela's famous words, "Education is the most powerful weapon which you can use to change the world." And if the world itself is changing continually and radically, then it is my firm belief that better educators and innovative education practices will be the key to transforming our nation.

Jai Hind.



Dr. C.G. Venkatesh Murthy
Dean of Research, RIE

## **BEHIND THE STUDY**

#### **IACC**



The Indo-American Chamber of Commerce (IACC), established in 1968, is the apex bi-lateral Chamber synergizing India-US Economic Engagement. It was started by Ambassador Chester Bowles along with the then Industry leaders and visionaries like Mr. S L Kirloskar, Mr. Harish Mahindra, Mr. H. P. Nanda, Mr. Ambalal Kilachand, Mr. A. M. M. Arunachalam, Mr. Frederick Fales and Mr. John Oris Sims for enhancing US India Economic Engagement. Today IACC has pan India presence with 2400 members, representing cross section of US and Indian Industry.

The major objective of IACC is to promote Indo-American business, trade and economic relations. IACC promotes bilateral trade, investment and technology transfer, facilitates business collaborations, joint ventures, marketing tie-ups and strategic alliances through a set of proactive business-oriented initiatives.

As a socially sensitive body, IACC recognises the need to support causes like education and quality schooling for children on both sides of the globe. The mentorship provided by their leadership team has been instrumental in the design and execution of this unique study.

#### **Parentof**



Parentof is a decision sciences organization which provides insights into child growth and decision analytics. Their research aims to generate data and intelligence, which can then be used to meet child-growth needs of any kind, for both parents and for educators.

Founded in early 2015, the team behind parent of has put in over 30,000+ hours of research towards discovering how the different ecosystems in a child's life impact the child's growth and development, and what are easily accessible technology based solutions to help drive better outcomes for children.

In this study, Parentof has played the operation role of meeting schools, gathering their inputs, verifying the same with parents, and finally using their proprietary analytics engine to arrive at the statistics and interpretations inferred from the data.



Parentof School Innovation Review, 2019 Edition, is an anthology of analyses, interviews, research, case studies and infographics on the innovative practices that Primary and Secondary Education institutions have embraced, in keeping with the changing landscape of education globally.



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