



*Jubilee*

*Memoir*

SINCE 1986

**MAR GREGORIOS MEMORIAL HIGHER SECONDARY SCHOOL**

**SECTOR 4-F, BOKARO STEEL CITY, 827004**



## Message

It gives us immense joy to know that M.G.M Higher Secondary School Bokaro, in its Pearl Jubilee Year, is bringing out the souvenir, 'Jubilee Memoir'.

We praise God Almighty for the marvelous Thirty years of meaningful existence of Mar Gregorios Memorial Higher Secondary School, Bokaro at the present location.

Jubilee is a wonderful occasion to humbly remember the modest beginning and tremendous growth of the School. H.G. Dr. Stephanos Mar Theodosius of Blessed Memory deserve special mention for the vision and leadership that was instrumental in molding MGM. We also gratefully remember the Principals, Vice Presidents, Local Working Committee Members, Staff, Parents and Students of the school for making MGM one of the trusted names in Jharkhand.

Making rapid strides in the field of education, **MGM HSS** has marked a special place in Bokaro. The temper that runs here nurtures the latent potential of our students and turns them into dynamic and socially responsible individuals.

The whole MGM family, consisting of St. Thomas College Bhilai, Christian College of Engineering and Technology Bhilai, MGM College Dimapur and a galaxy of Twenty Nine Schools, is proud that the **MGM HSS, Bokaro** has traversed glorious Thirty Years of service.

We extend our warmest felicitation, prayers and best wishes to the Principal, Staff, Students and the School Management.

May the school progress in leaps and bounds!

Children's Day, 2018  
Bhilai.

**Dr. Joseph Mar Dionysius Metropolitan**  
Manager/ President  
M.G.M Group of Schools



0788 - 2275970 P&T (O)

# ST. THOMAS COLLEGE

RUABANDHA, BHILAI - 490 006, DURG (DIST.), CHHATTISGARH  
(A Post Graduate College, Affiliated to Pt. Ravishankar Shukla University, Raipur.)

**NAAC ACCREDITED WITH B\*\* GRADE**


Very Rev. George Mathew, Ramban  
Administrator  
Secretary, Diocesan & Mission Education Board

## MESSAGE

'MGM Group of Institutions' have a good reputation in Central and North East India in the field of Education. We have three dozen education institutions all over our country. MGM Bokaro is one of the best Senior Secondary Schools under our Management. This centre of excellence has very good infrastructure well qualified and experienced staff. We must put our hands together, heads together and heart together for outstanding results and discipline. Education is the backbone of development. Kothari Commission has rightly remarked "India's destiny is in the class rooms".

On the occasion of the Pearl Jubilee celebrations, I extend my sincere best wishes and praying that let MGM will march forward from glory to glory.

With Prayerful Regards,

  
29-11-2016

Fr. George Mathew, Ramban



# Message of Diocesan Education Officer

God Almighty has enabled MGM Higher Secondary School, Bokaro to successfully complete thirty Years of service.

At MGM, we strive to make education relevant, meaningful and interesting so that our students are ready to meet the challenges of an ever-changing global environment. We ensure that the inherent exuberance of our students is nurtured, nourished and made to bloom with a touch of modernity and tradition to create a cohesive, healthy and congenial ambience for teaching-learning. In short, we want to make 'Education a Celebration' and not a burden for the students or some dreaded drudgery which one is compelled to undergo. I trust that MGM Bokaro shall continue to be place for celebrating education and a place that helps students to be global citizens who rise above the narrow divides on the basis of creed, culture, language, caste and even nationality and cherish the values of humanity.

Best wishes to MGM Bokaro family!

**Fr. Dr. Joshi Varghese**

Diocesan Education Officer

Bhilai.

20.05.2019



## Message

As the representative of Bokaro Steel Plant, I feel honoured to be a part of M.G.M. Higher Secondary School in this special year when the school celebrated its thirty years of existence in in form of pearl jubilee.

The school has done a wonderful job with the students, not only in the academic sphere but in the making them ready to face situations in life by moulding their character to be strong and firm in their resolve while being polite in their interactions.

In my various sessions with the students and teachers, I have witnessed a vibrant and dynamic academic atmosphere with the freedom of expressing thoughts that nurtures an inquisitive mind and wholesome personality.

I congratulate the School, the staff and the students for their brilliant successes in the past. I also wish them the success for the future accomplishments. In this journey, I assure my whole hearted support and participation in all meaningful endeavours.

**Syed Jawed Ahmed**

General Manager

(C&IT) & BSL

Management Representative

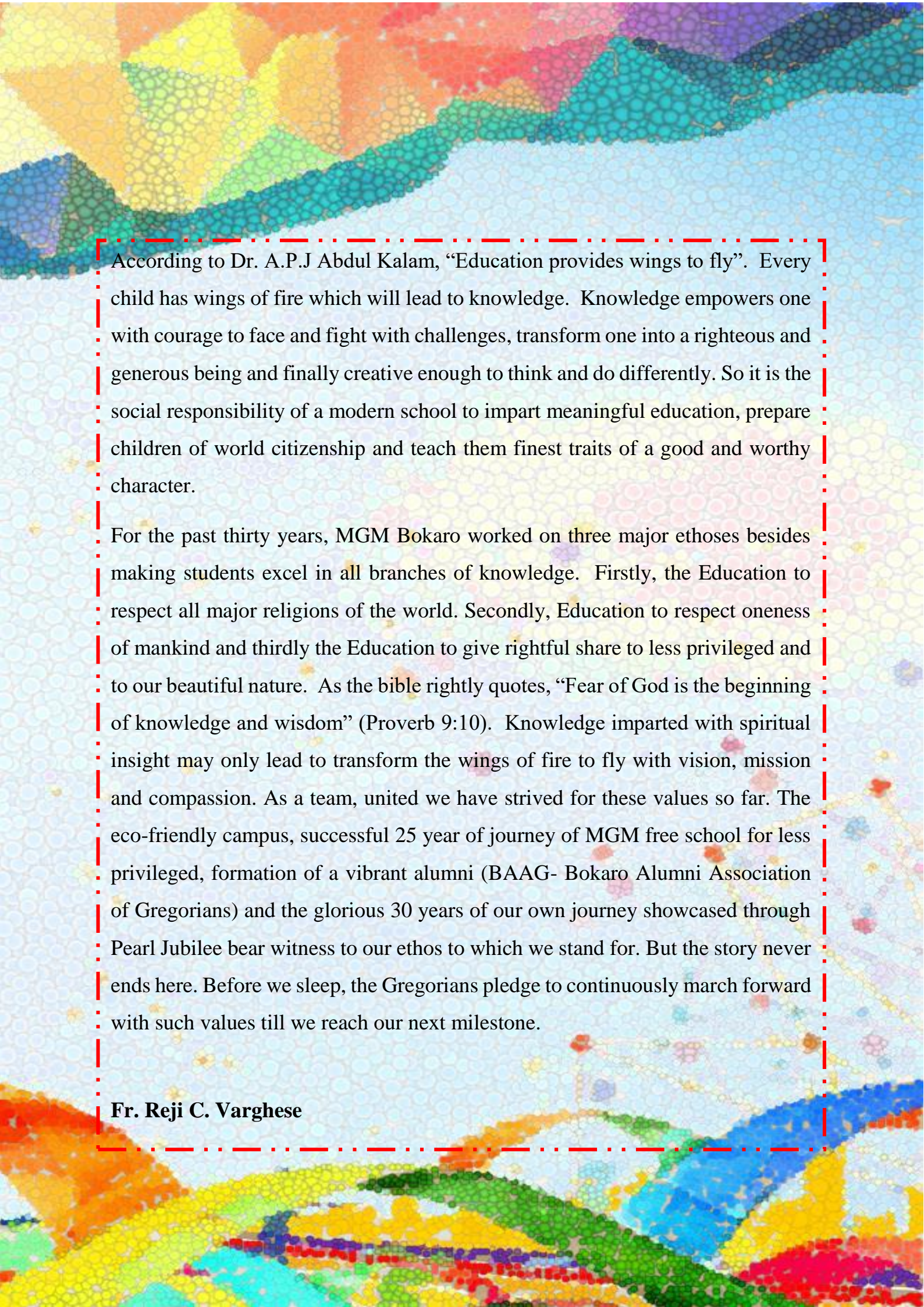
## Principal's Message



A Jubilee memoir is an accolade to the past, eye-opener to the present and an inspiration for the future. 30 years of glorious journey of the Gregorians in this beautiful Steel City is resonated through the pages of this souvenir. I take this moment as a special privilege to thank the Almighty God and express my gratitude to all those who are and were part of this educational system that has stood the test of time and still hailed it as the lighthouse of learning in the field of educational excellence. I also thank all my predecessors who adorned the chair of Principal and Vice-President and those who blessed us with their valuable presence for the Pearl Jubilee. I express my sincere appreciation to all our teaching and non-teaching staffs to join hands together in carving out such a wonderful and memorable Jubilee celebration.

MGM is an educational monument where rich, mediocre and poor equally cherish the rightful share of opportunity and experience. School is the right place where young minds are trained, attuned and transformed as responsible citizens of tomorrow. It is a place where creativity emanates like waves of river Ganges. As the river descends from the mountains, it is full of energy and enthusiasm. This energy we tap and channelized to our pupil who are the rightful transformers of various fields of excellence. This is a challenge which requires vision, commitment, discipline and an extra effort. As the teaching profession is valued as the noblest profession, very few aspirants are taking this stream as a vocation. Those who have failed in their respective fields are taking up education as next best alternative for their career. This has shrunken the noble profession into a mediocre one. This is resultant in churning out corrupt, insincere, indiscipline and less creative educated citizens. Moreover, the divisive forces are spilling the venom of hatred and abrogative ideologies through social media as the truth.

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According to Dr. A.P.J Abdul Kalam, “Education provides wings to fly”. Every child has wings of fire which will lead to knowledge. Knowledge empowers one with courage to face and fight with challenges, transform one into a righteous and generous being and finally creative enough to think and do differently. So it is the social responsibility of a modern school to impart meaningful education, prepare children of world citizenship and teach them finest traits of a good and worthy character.

For the past thirty years, MGM Bokaro worked on three major ethos besides making students excel in all branches of knowledge. Firstly, the Education to respect all major religions of the world. Secondly, Education to respect oneness of mankind and thirdly the Education to give rightful share to less privileged and to our beautiful nature. As the bible rightly quotes, “Fear of God is the beginning of knowledge and wisdom” (Proverb 9:10). Knowledge imparted with spiritual insight may only lead to transform the wings of fire to fly with vision, mission and compassion. As a team, united we have strived for these values so far. The eco-friendly campus, successful 25 year of journey of MGM free school for less privileged, formation of a vibrant alumni (BAAG- Bokaro Alumni Association of Gregorians) and the glorious 30 years of our own journey showcased through Pearl Jubilee bear witness to our ethos to which we stand for. But the story never ends here. Before we sleep, the Gregorians pledge to continuously march forward with such values till we reach our next milestone.

**Fr. Reji C. Varghese**

*"If Your actions inspire others to dream more,*

*learn more and become*

*more and become more, you are a leader"*



## ***From the Vice Principal's Desk***

It gives me immense pleasure to write a few words for 'JUBILEE MEMOIR' which marks the completion of 30 great and glorious years of our M.G.M. HIGHER SECONDARY SCHOOL. Another fruitful year has passed during which we had many ups and downs and faced many challenges but nothing could deter us from crossing hurdles with firm resolve, determination and conviction and reaching a new milestones in our journey. The principal and his team deserve all commendation and appreciation for the devotion, dedication and hard work put in by them for the development, welfare and progress of the students and keeping the rails moving on the track despite many odds that we had to encounter.

It's said that the school days are the best days of one's life and I couldn't agree more with the saying. The school life is the most sensitive and formative stage in a man's life. So I would advise the children to make the most of the multifaceted education offered by the school. This opportunity won't come again in their lives and this is the time to gain as much as they can.

Let's make each year a better year in the lives of each of us through work, through service and by being positive influence in each other's life.

**Mrs. Prabha Anthony Yadav**



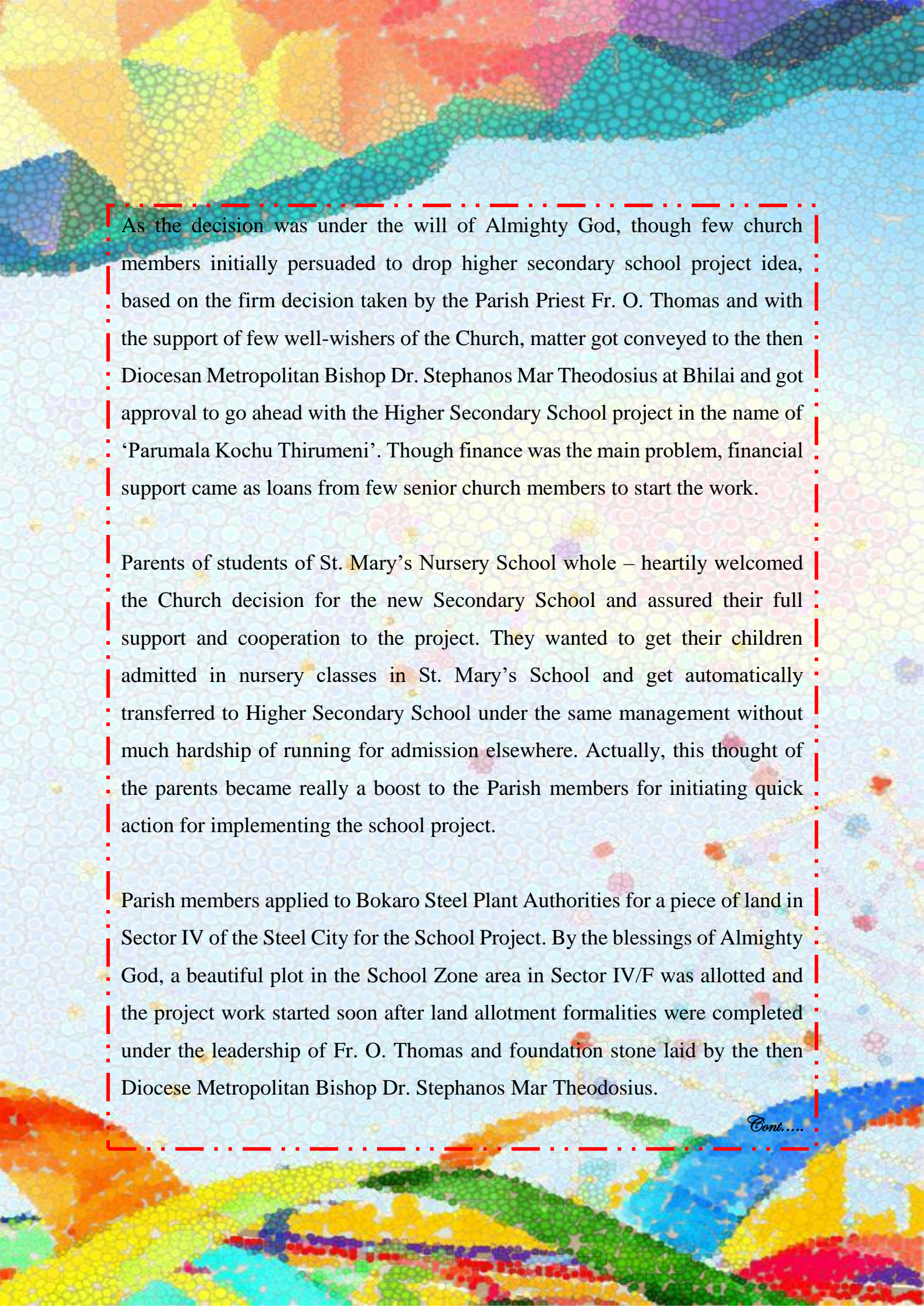
# *A Brief History of M.G.M Down the Lane*



With the Blessings of our Lord Jesus Christ and prayers of Mother Mary, St. Mary's Nursery School, under our Church St. Mary's Orthodox Church at Bokaro Steel City, which started under the leadership of Fr. P.T. Cherian in the year of 1976 became one of the prestigious nursery Schools in Bokaro District. As a result of modern teaching technology adopted by the school under the leadership of efficient Parish Priests and dedicated teachers, the School became very popular among all other nursery Schools in Bokaro Steel City. From the very beginning, there were tremendous rush and demand for admissions in the School.

During 1980's, it was very difficult to get admissions to students in Schools in Bokaro Steel City for all classes. Children of our own Parish members were facing this problem; though there were several Christian schools in the steel city. Keeping this in mind and by seeing the success of our nursery Schools, God motivated few of our senior parish members to go for a Higher Secondary School in the Steel City. Thus they sat together with the Parish Priest Rev. Fr. O. Thomas and seriously discussed the matter in detail and decided to have a Higher Secondary School to be named as MAR GREGORIOS MEMORIAL SCHOOL.

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As the decision was under the will of Almighty God, though few church members initially persuaded to drop higher secondary school project idea, based on the firm decision taken by the Parish Priest Fr. O. Thomas and with the support of few well-wishers of the Church, matter got conveyed to the then Diocesan Metropolitan Bishop Dr. Stephanos Mar Theodosius at Bhilai and got approval to go ahead with the Higher Secondary School project in the name of 'Parumala Kochu Thirumeni'. Though finance was the main problem, financial support came as loans from few senior church members to start the work.

Parents of students of St. Mary's Nursery School whole – heartily welcomed the Church decision for the new Secondary School and assured their full support and cooperation to the project. They wanted to get their children admitted in nursery classes in St. Mary's School and get automatically transferred to Higher Secondary School under the same management without much hardship of running for admission elsewhere. Actually, this thought of the parents became really a boost to the Parish members for initiating quick action for implementing the school project.

Parish members applied to Bokaro Steel Plant Authorities for a piece of land in Sector IV of the Steel City for the School Project. By the blessings of Almighty God, a beautiful plot in the School Zone area in Sector IV/F was allotted and the project work started soon after land allotment formalities were completed under the leadership of Fr. O. Thomas and foundation stone laid by the then Diocese Metropolitan Bishop Dr. Stephanos Mar Theodosius.

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As soon as the Higher Secondary School building construction began, admissions for Standard I & II started during 1984 – 86 academic years in St. Mary's School building, i. e Morning session for Nursery and afternoon for Std. I & II. Response from parents of the students was tremendous and very encouraging.

Design and Drawings for the building adopted was the same as of MGM School at Bhilai. The school building work 1<sup>st</sup> part completed very fast in a miraculous manner and during 1988 MGM Higher Secondary School opened for admission of Students from Standard 1 to X.

Subsequently, MGM School became MGM Senior Secondary School with Plus I & II Residents of Bokaro Steel City and the adjacent City Chas welcomed the School and they were relieved of a big burden of children's education.

Few Buses were purchased for transportation of students. Qualified and well – experienced teachers got recruited. Day – by – Day MGM School started growing up and soon became strong enough to compete with any other major schools of the Steel City in education.

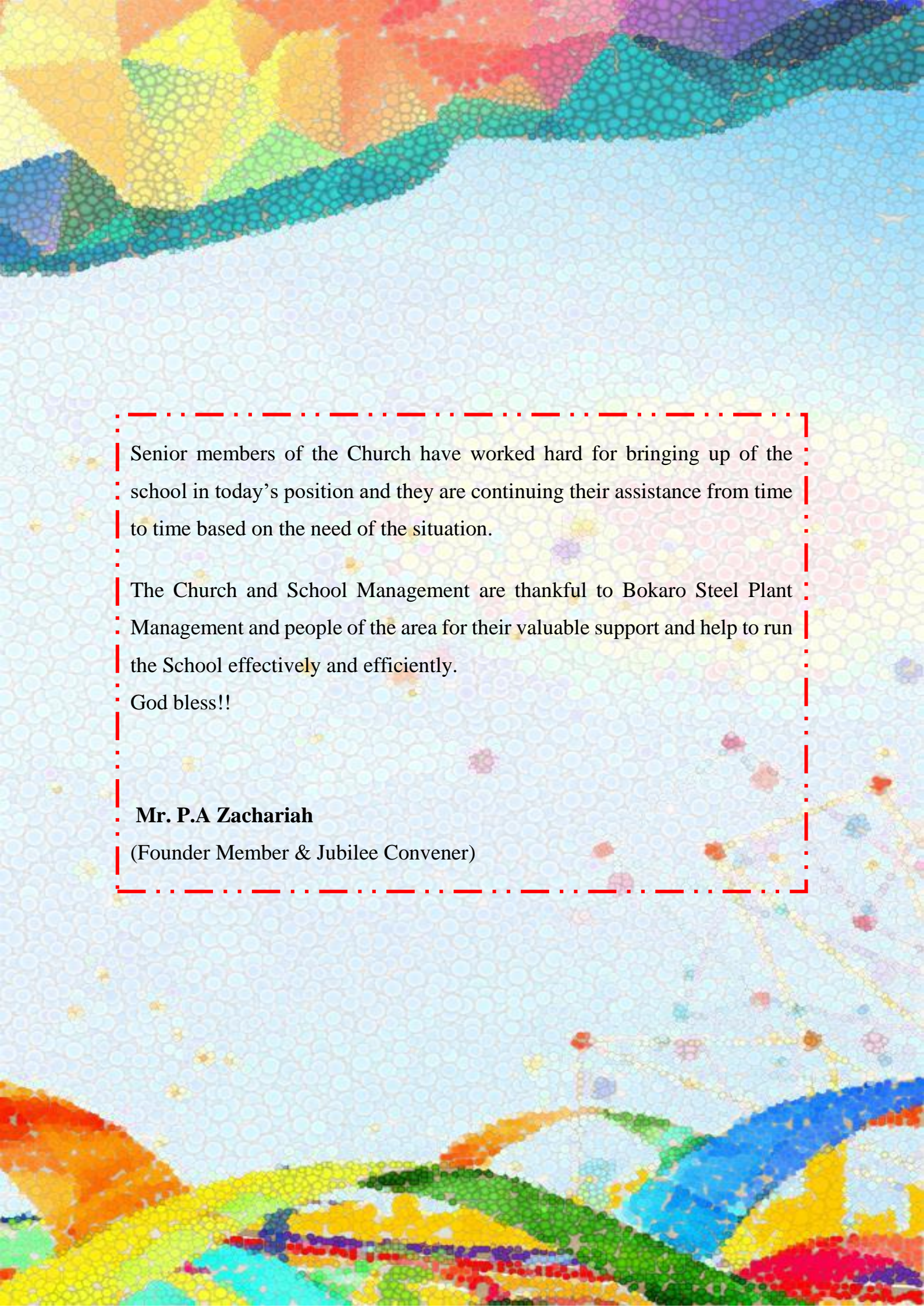
Approval from CBSE Authorities came fast after successful completion of all required formalities and facility.

The then Catholicos of The East and our Supreme Head, H.H. Moran Mar Baselios Marthoma Mathews II, when visited our Parish and our Schools knew that total membership strength of the Parish is only a few, But after seeing MGM School projects and facilities available there exclaimed that 'WHAT I SEE HERE IS A MIRACLE OF PARUMALA KOCHU THIRUMENI'!! (Our Patron Saint).

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Today, MGM Higher Secondary School at Bokaro Steel City is one of the main School Projects under Calcutta Diocese in all respects. The initial hard work by few of the Senior Church Members and Parish Priests are to be mentioned here with thanks. Stern decisions and actions from the then Diocesan Metropolitan Bishop Late Lamented Dr. Stephanos Mar Theodosius, help from Bokaro Steel Plant Management and School Committees are to be appreciated and acknowledged for bringing up MGM School in today's status. Proper control, timely advices, close involvement and implementing valuable decisions in all activities for the smooth and successful running of M.G.M H S School, B.S. City, by the present Calcutta Diocesan Metropolitan Bishop His Grace Dr. Joseph Mar Dionysius is to be remembered and appreciated with gratitude. Our present Bishop, His Grace Dr. Joseph Mar Dionysius, gives new ideas for the improvement of our school in all aspects. Parish Priests and all Principals, who all are involved and worked hard for the betterment of Church and School Projects from starting till today are to be appreciated and thanked for their valuable contribution.

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Senior members of the Church have worked hard for bringing up of the school in today's position and they are continuing their assistance from time to time based on the need of the situation.

The Church and School Management are thankful to Bokaro Steel Plant Management and people of the area for their valuable support and help to run the School effectively and efficiently.

God bless!!

**Mr. P.A Zachariah**

(Founder Member & Jubilee Convener)

## **Editor's Note**



**Dear Readers,**

**Greetings to you all!!**

Success and Failure are part and parcel of the game called life. What really matters is that one should play on. The publication of 'JUBLIEE MEMOIR' reflects a major milestone in the progress and development of the school past 30 years. It will open a window of opportunities to many people who will know that as an institution, we are destined for a bright future. The institution has been nurturing young minds for past 30 years with the belief that the heart of education is the education elevating the minds of students from darkness into the room of light and that is what is the motto of our school. Aristotle once said, "Educating the mind without educating the heart is no education at all. "So, we endeavor to instill the qualities of sympathy, kindness and generosity in our children. We pride ourselves to help them grow into sensitive and responsible posterity. This Jubilee Memoir edition marks our growth and unfolds our imagination and gives life to our thoughts and aspirations.

Therefore, it ignites in me a great pleasure and satisfaction to observe the great strides taken by the school in 30 years of its glorious journey.

I hope you will have as much fun reading it as we had while putting it together.

**Gurpreet Kaur Daung**

# *A Delightful Journey Down the Memory Lane*



*Fr. O. Thomas (1986-1988)*

A pioneer of vision who took a bold step to have a School in the city with the limited resources available at his disposal. Staff and students of M.G.M as well as the people of Bokaro are greatly indebted to him.

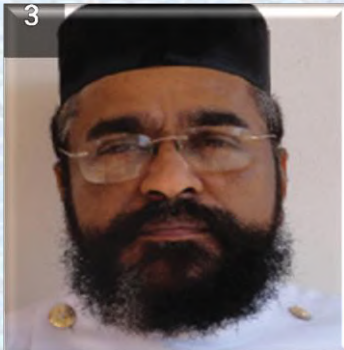
*Fr. Dr. Abraham Commen (1988-1991)*

A profound scholar with self-reliance, discipline & determination and worked to overcome the infancy of school during his tenure.

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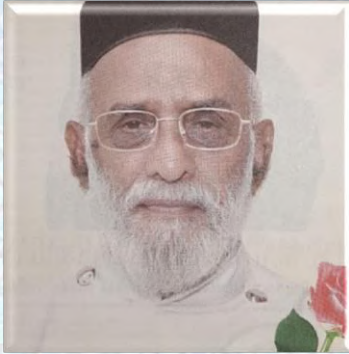


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*Fr. Kurian Abraham (1991-1994;  
1998-99)*

A leader with elegant nature and strong decision who served the institution boldly in two terms and earned tremendous reputation to the school. During his tenure the first batch of Class XII appeared the board examination and was able to obtain 100% result.

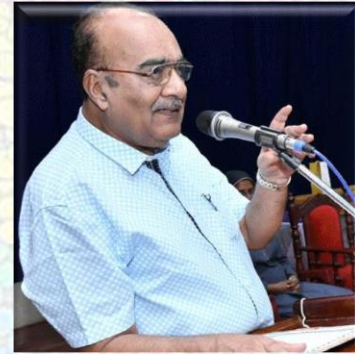


*Late Fr. Commen Punnoose (1994-1995)*

Simple and humble administrator who brought changes in the lives of many through his excellent service. His hard work and complete devotion resulted in 100% success of first batch of X Board examination.

*Mr. C.T. Titus (1995-1998)*

Strong but calm and an able administrator who is known to be an iron man with farsightedness and commitment worked day in and day out to transform M.G.M one among the top schools of Bokaro.



*Mr. G. John (1998-2002)*

A simple, gentle, hardworking, systematic and soft person, who worked meticulously for the institute from 1999-2002.





*Prof. K. C. Mami (2002-2005)*

A person who is always reckoned with respect in the pages of M.G.M. He nurtured and pruned the school with dedication and devotion from 2002-2005. During his tenure Prabath Ranjan topped All India 2<sup>nd</sup> in XII CBSE.

*Prof. George Mathew Ramban (2005-2008)*

A spiritual, strong boss with dynamic leadership who helped the Gregorians to perform exceptionally well in all fields, ranging from academics to social life during his tenure 2005-2008.



*Mr. T. S. Abraham (2008-2009)*

A strong and firm personality who carried out the responsibilities in the period 2008-2009 with goal oriented and determined mind and elevated school to its height.





*Mr. Regi Oommen (2009-2011)*

A determined, sincere, workaholic and tremendously active leader who joined as a teacher and then as a vice principal and served as a Principal from 2007-2011. The school achieved greater heights under his guidance.

*Frr. Louis K. J (2011-2012)*

Quiet and a reserved character, calm and modest protagonist, guided the school in 2011-2012 to achieve many goals.



*Frr. Jacob Thomas (2012-2016)*

A strong and enthusiastic leader, whose selfless toil resulted in the renovation of school building and an overall growth in every sphere during the year 2012-2016.



## **Pearl Jubilee**



### **- A Mission Accomplished**

Mar Gregorios Memorial Higher Secondary School, Bokaro Steel City, which had a humble beginning at St. Mary's Nursery school in the year 1986, shifted to the present location in 1988. To commemorate its 30 years of Glorious existence in the present location, Pearl Jubilee celebration was organized on 29<sup>th</sup> & 30<sup>th</sup> November 2018. It was a mega event in which the entire students and staff members of the school enthusiastically participated. It also formed a ground for the first ever Alumni Meet of the school since its inception.

The grand function was inaugurated on 29<sup>th</sup> November by the renowned social activist and Ramon Magsaysay awardee Shri Bezwada Wilson, from Delhi. Special Guests for the event were Dr. Arvind C. Ranade, an eminent scientist in the ministry of Science and Technology New Delhi, Dr. Manmohan Singh Marwaha, retired Principal of Shri Guru Govind Singh College, Chandigarh and Mr. V.B Raigaonkar, retired District Science officer at District Science Centre, Dharampur. The school band escorted the guests with royal display to the stage. Fr. Reji. C.Varghese, Principal, then welcomed the dignitaries and the entire gathering. Mrs. Prabha Anthony Yadav, Vice principal, presented the school report and its achievements in the last 30 years. Three former Principals- Very. Rev George Mathew Ramban, Rev Fr. Kurian Abraham and Mr. Regi Oommen and three Ex- Vice Presidents Rev. Fr. Shaji. M. Baby, Rev Fr. James. Gee Varghese and Rev. Fr. Jobby Peter were honoured with shawl and Mementos in the inaugural function.

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It was a silver moment in the history of M.G.M that Mr. K.D. Singh, Senior Superintendent of Postal department, Dhanbad division released the Pearl Jubilee special Postal Cover by handing over it to Fr. Reji. C. Varghese, Rev Fr. Aju. K. Varghese, Rev Fr. Mathew Thomas, Mr. P.A. Zachariah, Mr. P.A. Jose and to Mr. P.E Eapen. The Cover page of Jubilee souvenir was released by Rev Fr. Aju K Varghese by handing over a copy to Shri S.J.Ahmad General Manager (IT) BSL.

After the public meeting, the resource persons, Dr. Arvind C Ranade, Dr. Manmohan Singh Marwaha and Shri V.B Raigaonkar inaugurated the Arts & science Expo organized in 34 rooms. The students explored various fields of learning including Science, Mathematics, Indian History, Banking system, Art, Literature, Sports and Games, Traditions and Culture, Scientific Temperament and Superstitions etc. The exhibition was enriched with live models of culture, tradition and life styles of different Indian States. In English corners, secondary and senior secondary students enacted the Shakespearean Drama. More than 200 models and multiple charts were displayed There were live Science Corners where Dr. Manmohan Singh Marwaha and Shri V.B Raigaonkar demonstrated and explained scientific reasons behind different scientific principles to Students and Parents. Apart from our school, students and teachers of the surrounding schools also visited the exhibition and interacted with the key resource persons. The idea behind organizing such a magnus exhibition was to instill a penchant for art, culture, literature and science in students. This has also enabled in students to identify the value of creativity, organizational skill and team effort in a coordinated way.

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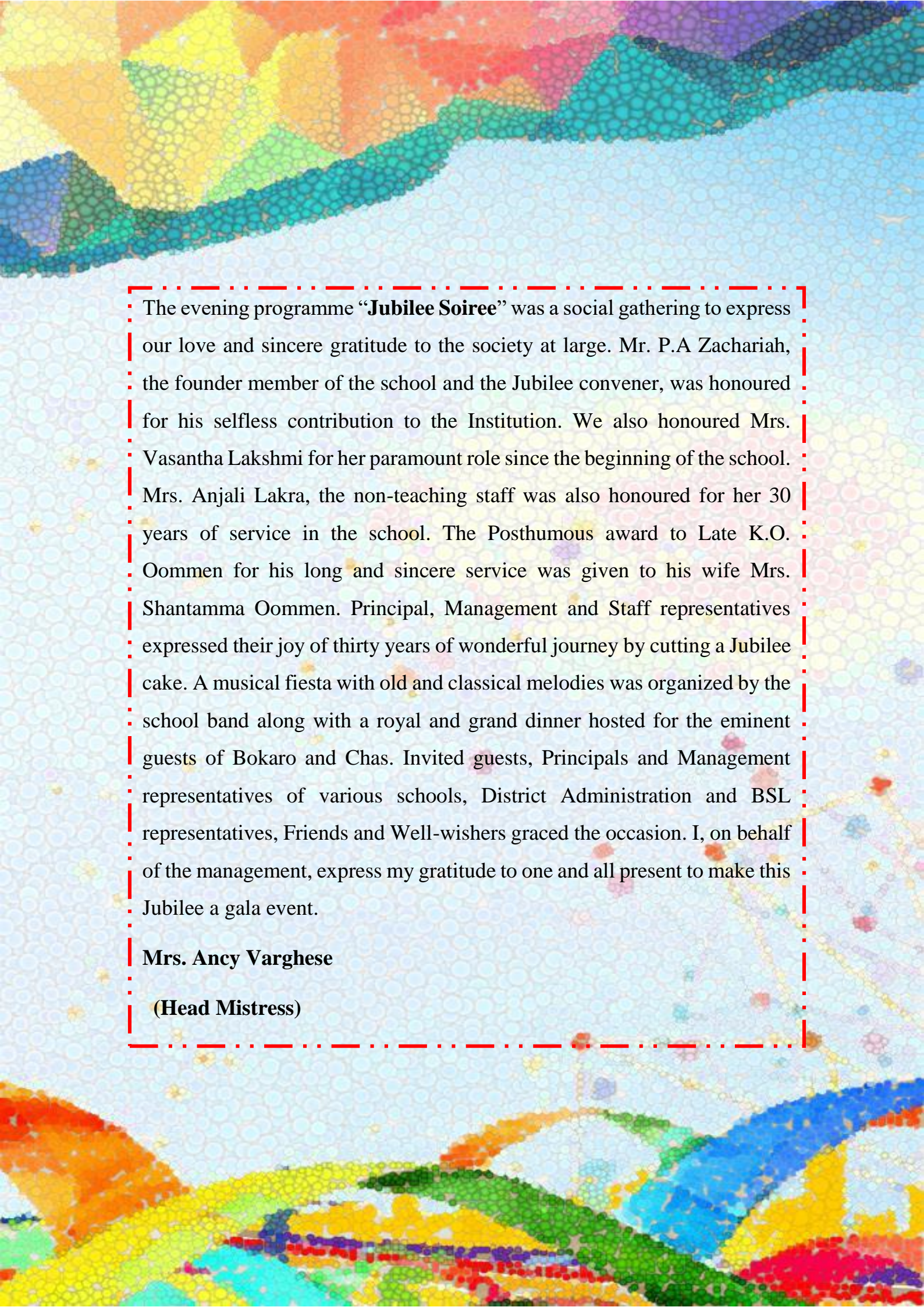
An Inter School Science Model Competition “**Arunoday**”, was held in the school Auditorium in which 15 schools participated.

In the evening, Bokaro Alumni Association of Gregorians Hosted dinner for its members and invited guest from school and eminent persons from the city. Students honored Bokaro MLA Shri Biranchi Narayan, Shri Jagannath Mahto, MLA Chandankiyari.

Day 2, on 30<sup>th</sup> morning from 8:30 a.m. to 1 p.m., a Science Seminar “**Manthan**” on the topic “**Space Weather and its Impact on Technology**” was held. Students of various schools demonstrated Power Point Presentation on this topic. Thereafter, Dr. Arvind C Ranade, Senior Scientist of Science and Technology, gave a detailed lecture on the same topic. Dr. Manmohan Singh Marwaha & Shri V.B Raigaonkar gave a brief talk on Practical Science.

Same day from 1.30 P.M to 3 P.M. the school organized its first Alumni Meet, **JUBILANTE 2K18**, in which the Ex-students from 1994 – 2013 were honored. Here I would like to thank the entire Alumni group “**BAAG**” (Bokaro Alumni Association of Gregorians) which will remain a pillar of shadow to protect the Alma Mater in near future.

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The evening programme “**Jubilee Soiree**” was a social gathering to express our love and sincere gratitude to the society at large. Mr. P.A Zachariah, the founder member of the school and the Jubilee convener, was honoured for his selfless contribution to the Institution. We also honoured Mrs. Vasantha Lakshmi for her paramount role since the beginning of the school. Mrs. Anjali Lakra, the non-teaching staff was also honoured for her 30 years of service in the school. The Posthumous award to Late K.O. Oommen for his long and sincere service was given to his wife Mrs. Shantamma Oommen. Principal, Management and Staff representatives expressed their joy of thirty years of wonderful journey by cutting a Jubilee cake. A musical fiesta with old and classical melodies was organized by the school band along with a royal and grand dinner hosted for the eminent guests of Bokaro and Chas. Invited guests, Principals and Management representatives of various schools, District Administration and BSL representatives, Friends and Well-wishers graced the occasion. I, on behalf of the management, express my gratitude to one and all present to make this Jubilee a gala event.

**Mrs. Ancy Varghese**

**(Head Mistress)**

## **M.G.M Balwadi Celebrates 25 Years of its Successful Journey!**

M.G.M Balwadi has completed the 25 Years of its successful existence in Bokaro Steel City. The school which gives free education to the students of village Lakda Khanda from Nursery to Class V is a gleaming light for 250 students. This free school is a project of M.G.M Higher Secondary School Bokaro as a part of its social commitment to the society. For the last 25 years of its journey, the Balwadi is able to give strong educational foundation to the children of poor villagers.

The School conducted its annual day on 29<sup>th</sup> Nov. 2018 to celebrate and acknowledge the success story of its marvellous journey for the last 25 years. The programme started around 4.00 pm in the evening with the arrival of guests. A floral welcome was given to all the dignitaries and guests by the students and teachers.

The chief guest of the programme was very Rev George Mathew Ramban. Rev Fr. Kurian Abraham, Rev Fr. Aju. K. Varghese, Rev Fr. Jobby Peter, Rev Fr. James Gavarghese, Rev Fr. Shaji. M. baby, Rev Fr. Mathew Thomas and Rev Fr. Reji C Varghese graced the occasion. Former Principal of M.G.M school Mr. Regi Oommen, Mr. Arvind C Ranada, Dr. Manmohan Singh Marwaha and Mr. V.B Raigaonkar were also present to witness the Jubilee celebration. Rev Fr. Jobby Peter read out the Jubilee Message of Diocesan Metropolitan, H.G Dr. Joseph Mar Dionysius. The audience was mesmerized by the colourful cultural programme displayed by the enthusiastic students.

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Rev Fr. Kurian Abraham, the founder of Balwadi was honoured in the Meeting. Mr. B.K. Tiwari, the incharge of the Balwadi was honoured with shawl and a sum of Rs. 25000/- for his tireless effort for the last 25 years. The management expressed the happiness and gratitude to the teachers by presenting a small token of love to them. It was a memorable day for students, teachers and the dignitaries to witness such a marvellous performance in a village School.





# *A Pool of Young Minds of Balwadi with Spark of Enthusiasm*



*We all have dreams.*

*But in order to make dreams come into reality,*

*it takes an awful lot of determination,*

*dedication, self-discipline, and effort.*

*- Jesse Owens*



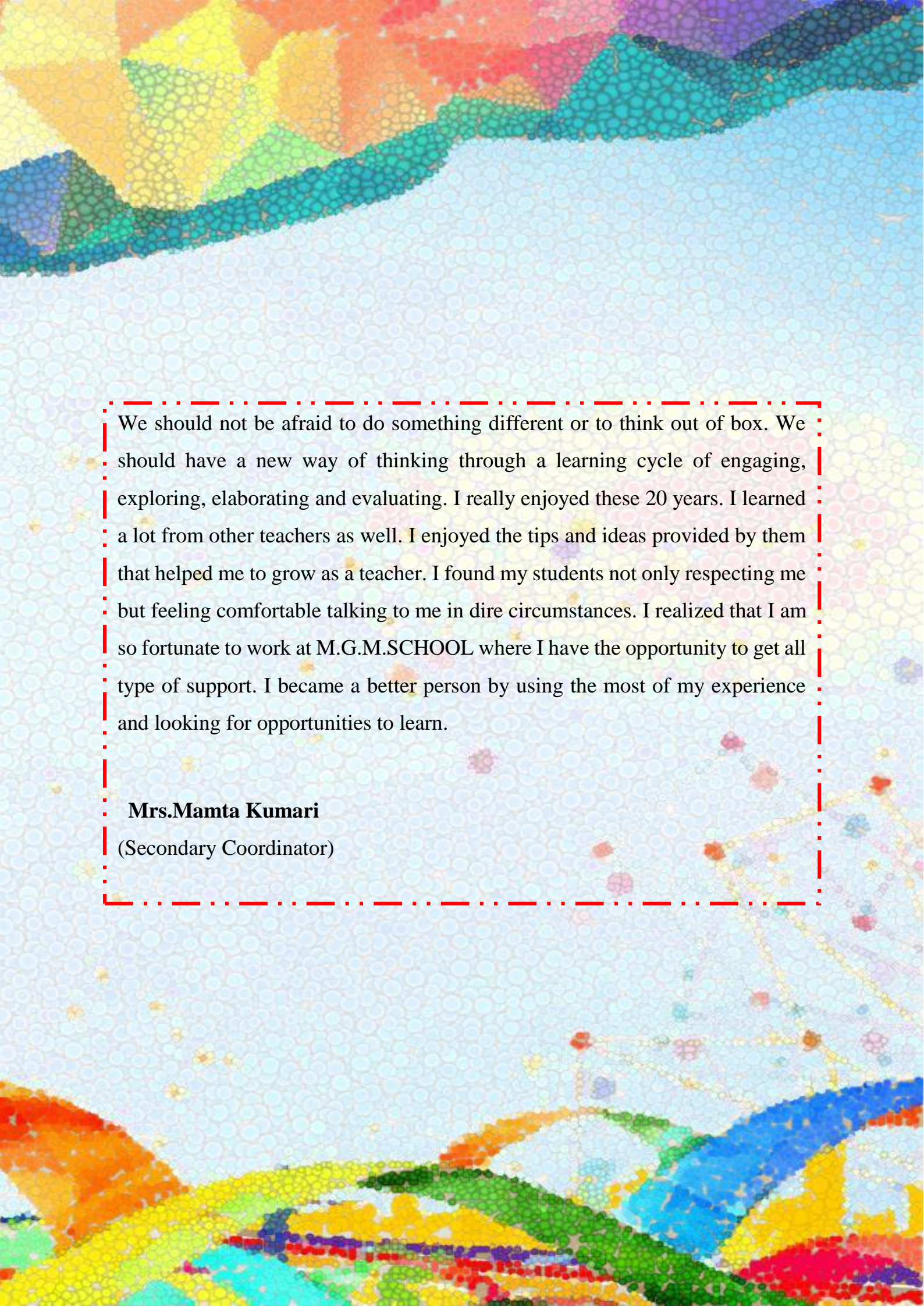
## My Life's Experience



As it is rightly said, “One cannot exist without one’s family”, so being sociably together is necessity for us as humans. We make connection with people around us and live with them. The necessity of being together, sharing a bond of love and affection gave rise to a concept call, ‘A Family’. But here I am not talking about my biological family although it is equally important. I am talking about my dear MGM FAMILY where I live and work with peace and harmony. I joined M.G.M. HIGHER SECONDARY SCHOOL in 1998. Since then I felt a deep bonding with my colleagues and the children whom I taught. It is exhilarating to stand in the assembly every morning for prayer. The sight of children, with their hands joined together is enough to sooth and rejuvenate our heart and soul. Everyday something new happens in the school and it’s always good to be a part of it.

I joined this school with a vision to see beyond the narrow walls of the class-rooms and text- books to empower every student to master the challenges of today and shape the world of tomorrow. Teaching is a demanding profession. There are times when students seem uninterested in learning and disruptive to class-room environment. I came to understand that every student is different and no two students react in the same way. It is our task as teachers to find not only what motivates each student to learn but also what motivates them to misbehave. If we can meet them at that point and take away that disruptive motivation, we can go a long way towards achieving more effective class-room management and better learning environment.

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We should not be afraid to do something different or to think out of box. We should have a new way of thinking through a learning cycle of engaging, exploring, elaborating and evaluating. I really enjoyed these 20 years. I learned a lot from other teachers as well. I enjoyed the tips and ideas provided by them that helped me to grow as a teacher. I found my students not only respecting me but feeling comfortable talking to me in dire circumstances. I realized that I am so fortunate to work at M.G.M.SCHOOL where I have the opportunity to get all type of support. I became a better person by using the most of my experience and looking for opportunities to learn.

**Mrs.Mamta Kumari**

(Secondary Coordinator)

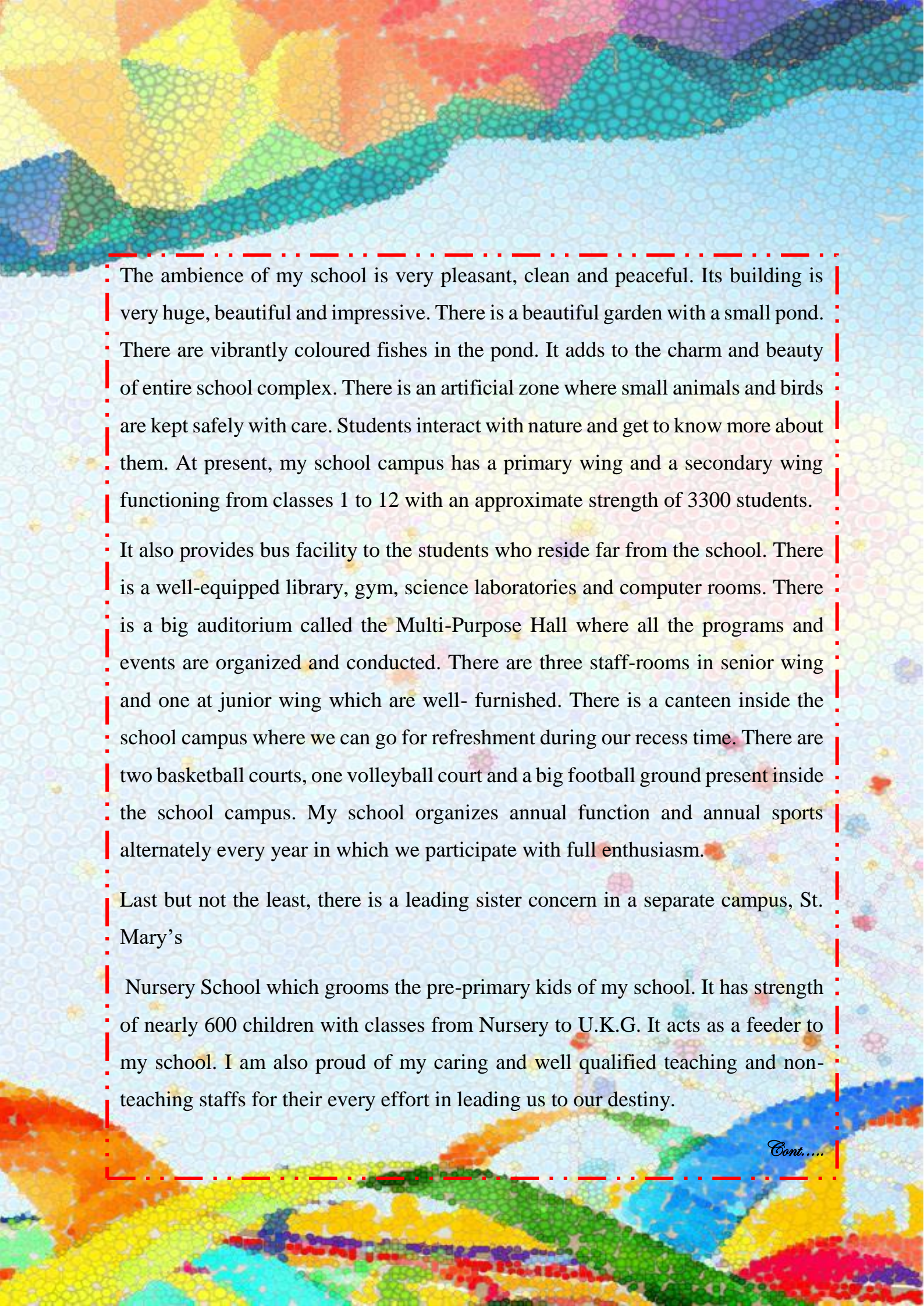
## All about My School!



Today if there is any institution which exerts the greatest influence on children after the family, is the school. A school is not simply a building made of bricks and stones rather it is a temple of learning where we are creatively involved in the learning process. Besides studies, students are blessed with discipline, manners, punctuality and many more etiquettes.

I read in M.G.M. *Higher Secondary School*. It is situated in Bokaro Steel City, Jharkhand. It is considered to be one of the finest schools in this region, highly acclaimed for its excellent results and social activities. My school started its journey in the year 1986 from St. Mary's Nursery school. After the completion of building construction, it has been shifted to the present building in the year 1988. To commemorate the glorious journey, our school has celebrated its 30 years of excellence and service to the society as the '*Pearl Jubilee Celebrations*' on 29<sup>th</sup> and 30<sup>th</sup> November 2018. My school has been striding forward on the path of excellence and has never looked back. It bagged the All India Second Rank in the CBSE Board Examination in the year 2004. Miss Shefali Agarwal has scored top position in CBSE Board Examination in the state of Jharkhand in the year 2010-2011. Our school has bagged the 2nd Rank in the Jharkhand state for AIEEE Examinations for the year 2012 and has gained many more such glorious achievements.

*Cont.....*



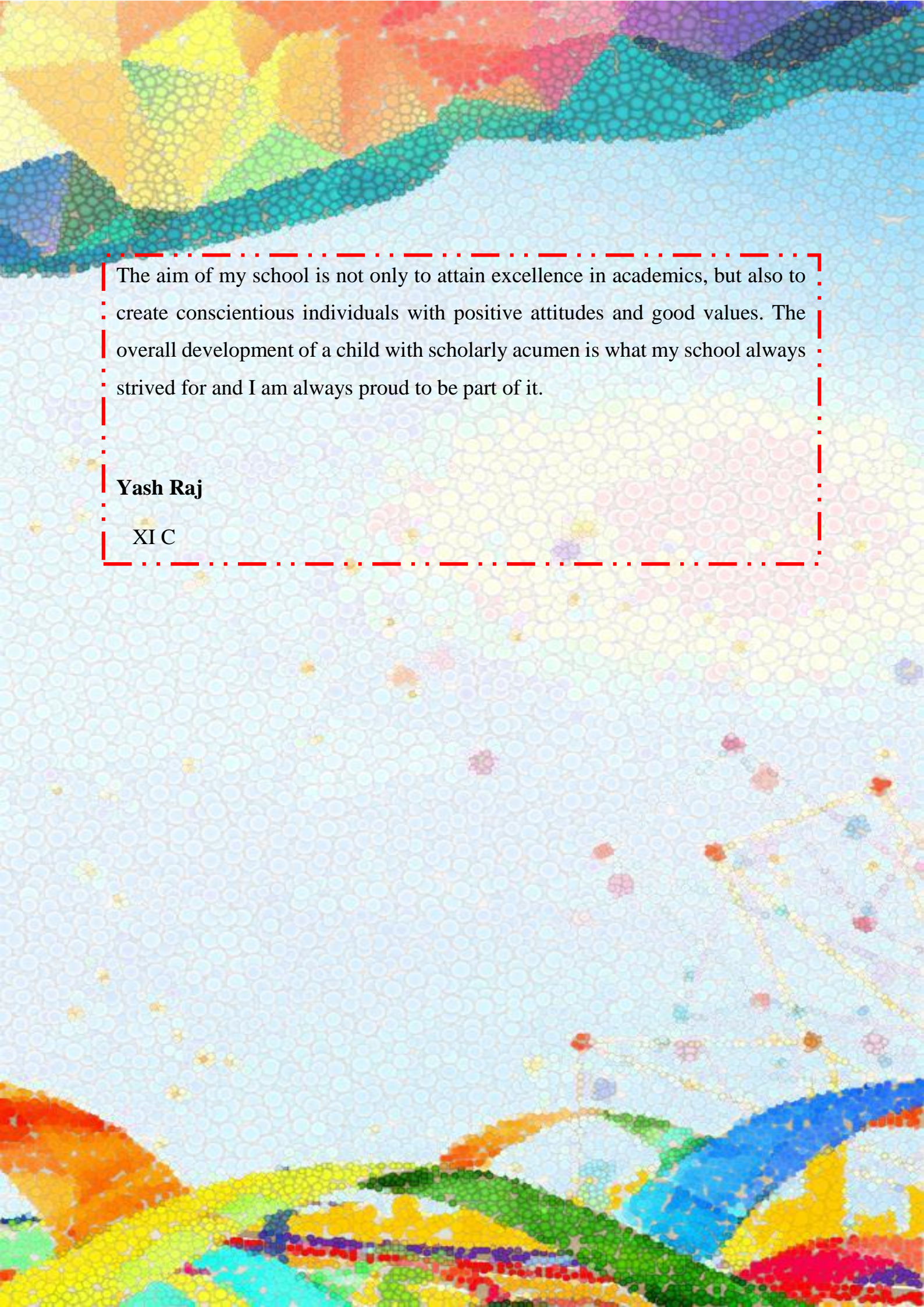
The ambience of my school is very pleasant, clean and peaceful. Its building is very huge, beautiful and impressive. There is a beautiful garden with a small pond. There are vibrantly coloured fishes in the pond. It adds to the charm and beauty of entire school complex. There is an artificial zone where small animals and birds are kept safely with care. Students interact with nature and get to know more about them. At present, my school campus has a primary wing and a secondary wing functioning from classes 1 to 12 with an approximate strength of 3300 students.

It also provides bus facility to the students who reside far from the school. There is a well-equipped library, gym, science laboratories and computer rooms. There is a big auditorium called the Multi-Purpose Hall where all the programs and events are organized and conducted. There are three staff-rooms in senior wing and one at junior wing which are well- furnished. There is a canteen inside the school campus where we can go for refreshment during our recess time. There are two basketball courts, one volleyball court and a big football ground present inside the school campus. My school organizes annual function and annual sports alternately every year in which we participate with full enthusiasm.

Last but not the least, there is a leading sister concern in a separate campus, St. Mary's

Nursery School which grooms the pre-primary kids of my school. It has strength of nearly 600 children with classes from Nursery to U.K.G. It acts as a feeder to my school. I am also proud of my caring and well qualified teaching and non-teaching staffs for their every effort in leading us to our destiny.

*Cont.....*



The aim of my school is not only to attain excellence in academics, but also to create conscientious individuals with positive attitudes and good values. The overall development of a child with scholarly acumen is what my school always strived for and I am always proud to be part of it.

**Yash Raj**

XI C

# Art cum Science Exhibition





# Art cum Science Exhibition

"All religions, arts and sciences are branches of the same tree. All the aspirations are directed toward ennobling man's life, lifting it from the sphere of mere physical existence and leading the individual towards freedom."

*- Albert Einstein.*



# Art cum Science Exhibition



*"Man is unique not because he does science, and he is unique not because he does art but because science and art equally are expressions of his marvelous plasticity of mind"*

- *Jacob Bronowski*



# Art cum Science Exhibition



## Inter-School Science Model Competition (Arunoday)

The first day of the Pearl Jubilee Celebration witnessed a plethora of activities. After the inaugural ceremony, an inter-school science model competition named “Arunoday” was held at the school multipurpose hall. This model making exhibition was to harness the creativity and innovative spirit within the students. The competition was based on the main theme, “*Changing Trends in Science and Technology*”. There were sub topics such as Agriculture, Robotics, Smart Energy, Technology in Health, Smart Apps, Smart Technology in Recycle and Reuse products, on which the students were asked to make their presentations. Three students from each school were allowed to participate as a team. The exhibit/model/project were either a working model or an investigation based project related to the theme. Total 13 schools from Bokaro registered for the exhibition and out of which 9 schools participated. In the competition, the jury adjudged Delhi Public School Bokaro as 1<sup>st</sup>, Crescent Public School as 2<sup>nd</sup> and St. Xavier School as 3<sup>rd</sup>. Atharv Arya and Harsh Agrawal of M.G.M School participated and presented Tech Organo Advanced Farm.



# Tech Organo Advanced Farm

*Participant's name:-*

Atharv Arya 10/C  
Aryan Kr. Jha 10/C  
Harsh Agarwal 11-3a

*Guide Teacher:-*

Mrs. Mamta Kumari

## **Farming in India:**

Since India is an agriculture-based country, majority of its population is based on agriculture for their livelihood. Approx. 25% of India's GDP is from agriculture sector.

## **Condition of farmers:**

Farmers of our country face many problems like Agrarian Crisis and many more which leads to a great loss not only to them but also to the country. They are mostly illiterate and are not aware of how to reduce this loss.

## **Problems faced by farmers:**

So, a survey was conducted in our locality to figure out their problems. Majority of them have the following woes:-

- ❖ INEFFECTIVE PROTECTION OF CROPS FROM STRAY ANIMALS AND BIRDS.
- ❖ IMPROPER GRAIN STORAGE SYSTEM.
- ❖ IMPROPER IRRIGATION SYSTEM.
- ❖ IMPROPER BORING AND WATER STORAGE FACILITY.
- ❖ CROP DAMAGE DUE TO FIRE.
- ❖ LACK OF ENVIROMENTAL KNOWLEDGE.

## **Our solutions:-**

### **1. Farm security**

- Use of microcontroller (Arduino -Mega 256) which will act as CPU.
- It will control the other hardware devices.
- Fencing of farm using a USSR developed method which works on the principal of SONAR.
- Use Of IR-Proximity sensor as scarecrow

### **2. Smart water irrigation, storage and boring system**

- We will attach a moisture sensor with our submersible pump that will auto-cut the electric supply of the motor when water level is low using a relay module and overflow of water will also be prevented.
- We will attach a moisture sensor to the field, so that, if the water level is low in the soil it will inform the farmer and if it's high it will turn the motor off.

### **3. Grain storage**

- We are using a PIR -Sensor that senses infrared radiations emitted by animals and humans.
- This will protect crops from rodents and thieves.
- We will also install a gas sensor in the field and the storage for fire protection.



### **Simplified weather monitoring system: -**

- We have made a simplified weather monitoring system that will tell about the temperature and humidity.
- This will help farmer to decide the amount of water to be given in irrigation and hence prevent over-irrigation.

### **Efficiency of our project: -**

- Although our project is very simple, it is hi-tech and organic.
- After its installation, farmers have to just turn the system on or off by just pressing a switch.
- This will help farmers to save their losses made in a season.
- The cost of this project is 15,000 including the whole setup - submersible pump, wiring and installation.
- If we compare the whole year loss of a farmer to this it is less costly as it will prevent the loss.
- Approx.\*12 crore of crops are destroyed in fire, stolen by thieves, etc.
- Our project will save this loss and help farmers.

### **Our experience:-**

It was a great experience and we got to see a lot new things. We got to learn a lot from other projects and judge



## Manthan: The Science Seminar

*"Science is a beautiful gift to humanity; we should not distort it. ..."*

Science is one of the most beautiful subjects which helps us to explore the world. This year our school celebrated its PEARL JUBILEE CELEBRATION on 29<sup>th</sup> and 30<sup>th</sup> November 2018. On 30<sup>th</sup> November 2018, our school conducted a Science seminar - "MANTHAN". The topic of the seminar was, "SPACE WEATHER AND ITS IMPACT ON TECHNOLOGY" where students and prominent scientists presented their views. Key resource persons like DR. ARVIND C. RANADE (Senior Scientist, VIGYAN PRASAR), DR. MARWAHA, Shri V.B Raigaonkar (Rtd. District Science Officer) and other honourable dignitaries enlightened the students with their wisdom and knowledge. Students from other schools also participated in this event. The honourable dignitaries spoke on the importance of science and its impact on our daily life. Our beloved Principal encouraged the students and opined about science being a game changer for the entire world and motivated student to opt for science as a career.







An **INTER-SCHOOL MULTIMEDIA CONTEST** was also organized where students presented their views on space weather along with a presentation and mesmerized everyone present there. This was followed by a question answer session by the resource persons.

The event was organized in two stages:

- I. **Preliminary round:** More than 8 teams from different schools of Bokaro steel city participated in the preliminary round from where a total of 6 students qualified for the finals on 30<sup>th</sup> December.
- II. **Final Round and seminar:** On 30<sup>th</sup> December 2018, 6 teams were selected for the finals, where they showcased their presentations and the judges asked questions related to it. Top 3 teams were awarded after the finals.

**Our school also made its way to the preliminary round and participated in the finals. Two students ( Ankan Bose 11/A and Sushantho Shekhar 12/gr.2) presented their projects in the finals and bagged the second position.**

## **SCIENCE TALKS**

After the multimedia contest, Dr. Ranade detailed the students about SUN, SPACE WEATHER, ADITYAA-LI SATELLITE and the research that has been taken up and is in progress. He briefed the students about space events and its effects on our lives. Followed by some interesting and overwhelming experiments conducted by DR. MARWAHA who presented experiments on waves, sound etc. Mr. V.B Raigaonkar explained certain scientific theories through simple experiments. Overall, it was indeed an interesting session for both students and teachers.

## **AWARD CEREMONY**

Well, everything that has a beginning, has an ending. The session came to an end with all triumph and glory. The winners of power presentation were awarded and honoured. Students with the highest points were awarded prizes mentioned below:

### **1<sup>st</sup> prize:**

- Rs 2,000 cash amount
- A merit certificate
- A memento

### **2<sup>nd</sup> prize**

- Rs 1,500 cash amount
- A merit certificates
- A memento

### **3<sup>rd</sup> prize:**

- Rs 1000 cash amount
- A merit certificate
- A memento



**The winning teams were:**

FIRST PRIZE: HOLY CROSS SCHOOL, BALIDIH

SECOND PRIZE: MGM HIGHER SECONDARY SCHOOL, BOKARO

THIRD PRIZE: ADARSH VIDYAMANDIR



*There is no end for gaining knowledge and this is the most important lesson learnt by students and they will always ask questions and find the solutions.*

*“Science is a way of thinking much more than it is a body of knowledge...”*

# Inauguration of Pearl Jubilee cum Art & Science Expo



## Lamp Lighting Ceremony

*A Lamp does not speak, it introduces itself.....*

*Through its light, Achievers never expose.....*

*Themselves. But their achievements expose.....*

*Them.*



# Jubilee Soiree



# Jubilee Soiree



# Pearl Jubilee Celebration





# Pearl Jubilee Celebration



# Pearl Jubilee Celebration



# Pearl Jubilee Celebration



*Pearl Jubilee Celebration*



*Pearl Jubilee Celebration*



# Pearl Jubilee Celebration



# Cultural Events



# Cultural Events





# Pearl Jubilee Postal Cover



*In the blessed memory  
of our founder bishop*



**M.G.M. HIGHER SECONDARY SCHOOL  
BOKARO STEEL CITY  
JHARKHAND**