APPENDICES
Appendix-I

A communication of the researcher, AnshuRupainwar with Mr. R.K.Prasad, Private Secretary of Dr. APJ Abdul Kalam through E.mail, regarding her research work-

Subject: Re: an appointment with Kalam sir.

On Tue, Oct 1, 2013 at 9:54 PM, Anshu rupainwar <anshu_rupainwar@rediffmail.com> wrote:

Respected sir,

I, Anshu rupainwar had already given some information about me and my research work ,through a letter to Kalam sir ,in an inaugural ceremony of a Book-fair held on 27 September 2013 at Motimahal , Lucknow.I am sure sir ,that you have already go thru my letter. so , for the sake of my research work , i want an appointment with Kalam sir ,to collect the data regarding his Educational thoughts and ideas .

Please sir, do something for the same, .I will be thankful to you ,if it would be possible in october2013 only.

again thank you sir ,for giving me your precious time. I am eagerly waiting for your response.

Thanks and regards
Anshu Rupainwar
3/102,new malhar,sahara states
jankipuram, Lucknow (u.p.)
pin-226021
mob.no.9452732326

From: Prasad Rk<rkprasad@abdulkalam.com> Mon, 14 Oct '13 1:38p
To: You
Show full Headers | View blocked images
Dear Ms Anshu Rupainwar,

Ref your mails addressed to Dr APJ Abdul Kalam, Former President of India requesting for appointment in connection with your research work. In this regard I am desired to inform you that there are many books and articles and write up available on the life and works of Dr. Kalam in the public domain. You are free to refer them for your research work and there is no permission required for doing a research on his work.

regards--
R K Prasad
Private Secretary to the
Former President of India
011-23793601
Appendix-II

A communication of the researcher, AnshuRupainwar with SrijanPal Singh former advisor of Dr.Kalam and his team member Saurav Sir, through E.mail, regarding her research work-

- Valuable comments obtained by the researcher on her research work from Srijan Pal Singh through E.mail.

- Subject: Message from Srijan Pal Singh

  From: Saurav Singh <saurav@srijanpalsingh.in> Tue, 15 Sep '15 3:33p
  To: You and others
  Dear Mam,
  Srijan Sir has sent you the following message regarding the review of your research paper:
  ************************************************
  This study on Dr. Kalam is a good initiative by AnshuRupainwar, where she has talked about mission and vision Dr.Kalam and also about his tenure as the President of India. Dr.Kalam’s humility and dedication to public service has indeed been an inspiration to all of us, which has been explained well in the research paper. The author has showed Dr.Kalam as a Leader, visionary man and a great teacher in a presentable manner.
  I was indeed pleased to read that the author has also incorporated the various initiatives and missions named in the memory of Dr. Kalam. Advantage India book has also been mentioned in the paper. I hope the quotes and life journey of Dr.Kalam inspires us always to work endlessly and passionately towards the development of the society and make world a better place to live.
  I convey my best wishes to the author for this paper.
  Note: Read about the youth Training part. You can add this too from his e-journal-

  http://givinglight.in/mobile-skill-development-centers/
  ************************************************

  Also with reference to the document in your second mail, I would like to inform that Srijan sir has co-authored two books with Dr.Kalam. Reignited being the latest launched few months back and the next one is about to be launched.
  Please let me know if I could assist more.
  Thanks and Regards,
  Saurav
Appendix-III

A TRIBUTE TO LATE DR. APJ ABDUL KALAM

R.I.P. Dr. APJ Abdul Kalam

15th OCTOBER 1931-27th JULY 2015
ON JULY 27 2015.....MISSILE MAN TOOK A FINAL FLIGHT.....
‘A GLIMPSE OF LOVING MEMORIES OF DR. APJ ABDUL KALAM’
YOU WILL ALWAYS SOLVE OUR PROBLEMS THROUGH YOUR
EVERLASTING MOTIVATIONAL BOOKS, POEMS AND INSPIRATIONAL SPEECHES.....
A BEAUTIFUL COLLECTION OF KALAM’S THOUGHTS
AND IDEAS, PRESERVED IN HIS BOOKS.

STUDENT’S LOVE FOR KALAM SIR……..

We will wait for next Kalam…as teacher and teachings never die…… ‘My message, especially to the young people, is to have courage to think differently, courage to invent, to travel the unexplored path, courage to discover the impossible and to conquer the problems and succeed. These are great qualities that they must work towards. This is my message to the young people.’ - Dr. APJ Abdul Kalam

NATION MOURNS ITS MISSILE MAN……..
Kalam Sir will remain one of the finest human beings to have ever lived. He lived an illustrious and successful life, and his legacy will continue to inspire people around the world in the coming years.

Dr. APJ Abdul Kalam with Srijan Pal Singh
A heartbreaking recount of Dr APJ Abdul Kalam's last moments. Srijan Pal Singh has been Dr APJ Abdul Kalam's companion since long. He's an author, public speaker, activist and an entrepreneur. He shared his memories about Dr Kalam's final hours through a Facebook post.

New Delhi, July 28, 2015 | UPDATED 21:18 IST

It has been eight hours since we last talked - sleep eludes me and memories keep flushing down, sometimes as tears. Our day, July 27, began at 12 noon, when we took our seats in the flight to Guwahati. Dr. Kalam was 1A and I was 1C. He was wearing a dark coloured "Kalam suit", and I started off complimenting, "Nice color!" Little did I know this was going to be the last colour I will see on him. Long, 2.5 hours of flying in the monsoon weather. I hate turbulence, and he had mastered over them. Whenever he would see me go cold in shaking plane, he would just pull down the window pane and saw, "Now you don't see any fear!".

That was followed by another 2.5 hours of car drive to IIM Shillong. For these two legged trip of five hours we talked, discussed and debated. These were amongst hundreds of the long flights and longer drives we have been together over the last six years. As each of them, this was as special too. Three incidents/discussions in particular will be "lasting memories of our last trip".

"It seems the man- made forces are as big a threat to the livability of earth as pollution."- Dr APJ Abdul Kalam

First, Dr. Kalam was absolutely worried about the attacks in Punjab. The loss of innocent lives left him filled with sorrow. The topic of lecture at IIM Shillong was creating a Livable Planet Earth. He related the incident to the topic and said, "it seems the man-made forces are as big a threat to the livability of earth as pollution". We discussed on how, if this trend of violence, pollution and reckless human action continues we will forced to leave earth. "Thirty years, at this rate, maybe", he said. "You guys must do something about it... it is going to be your future world"

"I really need to find out a way to ensure that the parliament works on developmental politics."- Dr APJ Abdul Kalam

Our second discussion was more national. For the past two days, Dr. Kalam was worried that time and again Parliament, the supreme institution of democracy, was dysfunctional. He said, "I have seen two different governments in my tenure. I have seen more after that. This disruption just keeps happening. It is not right. I really need to find out a way to ensure that the parliament works on developmental politics."

He then asked me to prepare a surprise assignment question for the students at IIM Shillong, which he would give them only at the end of the lecture. He wanted to them to suggest three innovative ways to make the Parliament more productive and vibrant. Then, after a while he returned on it. "But how can ask them to give solutions if I don't have any myself". For the next one hour, we thwarted options after options, who come up with his
recommendation over the issue. We wanted to include this discussion in our upcoming book, Advantage India.

"Are you tired? Would you like something to eat? I am sorry you had to stand so long because of me." - Dr APJ Abdul Kalam

Third, was an experience from the beauty of his humility. We were in a convoy of 6-7 cars. Dr. Kalam and I were in the second car. Ahead us was an open gypsy with three soldiers in it. Two of them were sitting on either side and one lean guy was standing atop, holding his gun. One hour into the road journey, Dr. Kalam said, "Why is he standing? He will get tired. This is like punishment. Can you ask a wireless message to given that he may sit?" I had to convince him, he has been probably instructed to keep standing for better security. He did not relent. We tried radio messaging, that did not work. For the next 1.5 hours of the journey, he reminded me thrice to see if I can hand signal him to sit down. Finally, realizing there is little we can do - he told me, "I want to meet him and thank him".

Later, when we landed in IIM Shillong, I went inquiring through security people and got hold of the standing guy. I took him inside and Dr. Kalam greeted him. He shook his hand, said thank you buddy. "Are you tired? Would you like something to eat? I am sorry you had to stand so long because of me". The young lean guard, draped in black cloth, was surprised at the treatment. He lost words, just said, "Sir, aapke liye to 6 ghante bhi khade rahenge".

Dr. Kalam meeting the soldier. Photo: SP Singh’s Facebook post

"Students should never be made to wait" - Dr APJ Abdul Kalam

After this, we went to the lecture hall. He did not want to be late for the lecture. "Students should never be made to wait", he always said. I quickly set up his mike, briefed on final lecture and took position on the computers. As I pinned his mike, he smiled and said, "Funny guy! Are you doing well?" 'Funny guy', when said by Kalam could mean a variety of things, depending on the tone and your own assessment. It could mean, you have done well, you have messed up something, you should listen to him or just that you have been plain naive or he was just being jovial. Over six years I had learnt to interpret Funny Guy like the back of my palm. This time it was the last case. "Funny guy! Are you doing well?" he said. I smiled back, "Yes". Those were the last words he said. Two minutes into the speech, sitting behind him, I heard a long pause after completing one sentence. I looked at him, he fell down.

We picked him up. As the doctor rushed, we tried whatever we could. I will never forget the look in his three-quarter closed eyes and I held his head with one hand and tried
reviving with whatever I could. His hands clenched, curled onto my finger. There was stillness on his face and those wise eyes were motionlessly radiating wisdom. He never said a word. He did not show pain, only purpose was visible. 
In five minutes we were in the nearest hospital. In another few minutes the they indicated the missile man had flown away, forever. I touched his feet, one last time. Adieu old friend! Grand mentor! See you in my thoughts and meet in the next birth.

"First you tell me, what will you like to be remembered for? President, Scientist, Writer, Missile man, India 2020, Target 3 billion . . . What?" asked Srijan Pal Singh
"Teacher"- Dr APJ Abdul Kalam
As turned back, a closet of thoughts opened. Often he would ask me, "You are young, decide what will like to be remembered for?" I kept thinking of new impressive answers, till one day I gave up and resorted to tit-for-tat. I asked him back, "First you tell me, what will you like to be remembered for? President, Scientist, Writer, Missile man, India 2020, Target 3 billion . . . What?" I thought I had made the question easier by giving options, but he sprang on me a surprise.
"Teacher", he said.
"One is blessed if one can die working"- Dr APJ Abdul Kalam
Then something he said two weeks back when we were discussing about his missile time friends. He said, "Children need to take care of their parents. It is sad that sometimes this is not happening". He paused and said, "Two things. Elders must also do. Never leave wealth at your deathbed - that leaves a fighting family. Second, one is blessed if one can die working, standing tall without any long drawn ailing. Goodbyes should be short, really short".

Today, I look back - he took the final journey, teaching, what he always wanted to be remembered doing. And, till his final moment he was standing, working and lecturing. He left us, as a great teacher, standing tall. He leaves the world with nothing accumulated in his account but loads of wishes and love of people. He was a successful, even in his end.
Will miss all the lunches and dinners we had together, will miss all the times you surprised me with your humility and startled me with your curiosity, will miss the lessons of life you taught in action and words, will miss our struggles to race to make into flights, our trips, our long debates. You gave me dreams, you showed me dreams need to be impossible, for anything else is a compromise to my own ability. The man is gone, the mission lives on. Long live Kalam.
Your indebted student,
Srijan Pal Singh

UN Declares APJ Abdul Kalam’s Birthday As ‘World Students Day’

Image: PTI

World Students Day: It was year 2010 when United Nations decided to mark the importance of India’s former President and great scientist APJ Abdul Kalam and declared his birthday as ‘World Students Day’. October 15, which is Dr. Kalam’s birth anniversary, is celebrated as a day for students all around the world. Even Dr. Kalam always expressed his wish to be remembered as a teacher by the people.

On the sad demise of ‘Missile Man’ on Monday, people of India and around the world, specially students paid tribute to him by reminding the world about his birthday and its significance internationally. (http://focusnews.com/india/did-you-know-un-declared-apj-abdul-kalams-birthday-as-world-students-day/94256/) Kalam had said….. Don’t declare a holiday on my death, instead work an extra day. If you love me.

WE LOVE YOU SIR…..as many Indians continued to work as was his desire. This was his tribute to the best man India has ever known…. .

“NOW THE END OF JOURNEY OF A GREAT TEACHER….BUT IT’S A NEVER ENDING JOURNEY FOR THOSE TEACHERS WHO LOVE KALAM……..”

WE WILL PUT OUR THE BEST EFFORT TO FULFILL YOUR TRUE DREAM....

“INDIA- A DEVELOPED NATION”
A MESSAGE FOR A TEACHER FROM A TEACHER:

Dr. Kalam said that though the present academic system may give students a lot of workload but it should not prevent them from dreaming. According to Dr. APJ Abdul Kalam, a great autonomous teacher-

1) Teacher should celebrate the success of their students.

2) It is the sacred duty of Principals, Teachers and Parents to inspire the youth with the Value Based Education System, guiding them towards a Mission of Life and also make them imbibe the value of the countries they are growing in.

3) The teacher must constantly endeavor to fill their mind, with great thoughts and spread the nobility in thinking and action among the students.

4) The teacher conducting him-self or her-self in a noble way it-self is a lifetime message for the students.

5) The teacher should treat all the students equally and should not support any differentiation on account of religion, community or language and continuously upgrade the capacities in teaching so that they can impart quality education to the students.

6) The teachers should realize by being a teacher, they are making an important contribution to the effort of national development.

7) The teacher must realize that they are responsible for shaping not just students but ignited youth who are the most powerful resources under the earth, on the earth and above the earth.

8) The teacher must love their profession, inculcate values, as sense of dedication in his wards and inspire them.

9) The teacher can only preserve the ‘Dynamics of Smile’ of the students when they complete their school education. The student should be confident that ‘he can do it’. He should have self esteem and capability to become an employment generator rather being an employment seeker. This transformation is only brought about by a teacher who has a vision to transform good innovator, who maintain a cordial inter-personal or intra-personal relationship and the ability to carry the parents, community, media and the teachers for accomplishing the vision for generating an enlightened citizen for the nation.

10) With the full commitment to the teaching, the teacher transforms himself or herself as a great teacher only when he or she is capable of elevating the average student to high performance.

11) Teacher must love teaching and committed to their profession.

12) Teacher should be a lifelong autonomous learner.

13) The teacher should groom the students to become autonomous learners with the use of modern technology.

14) The teacher becomes a great teacher only when he or she is able to lift the average student to excellent performance by the way of special teaching techniques.

15) The whole school and teacher system is involved in generating students who perform the best.
16) The school management selects the teachers who love teaching, who treat the students as their sons, daughters, grand-sons or grand-daughters.

17) Teachers in the classroom may find hundreds of bright students but a few may need knowledge with kindness. All teachers must locate such students and impart knowledge to them.

Dr. Kalam administered a beautiful oath for teachers, students, youth as given below:

**ELEVEN POINT OATH FOR A TEACHER:**

- First and foremost, I will love teaching. Teaching will be my soul.
- I realize that I am responsible for shaping not just students but ignited youths who are the most powerful resource under the earth, on the earth and above the earth. I will be fully committed for the great mission of teaching.
- I will consider myself to be a great teacher for I can lift the average to the best performance by way of my special teaching.
- All my actions with my students will be with kindness and affection like a mother, sister, father or brother.
- I will organize and conduct my life, in such a way that my life itself is a message for my students.
- I will encourage my students to ask questions and develop the spirit of enquiry, so that they blossom into creative enlightened citizens.
- I will treat all the students equally and will not support any differentiation on account of religion, community or language.
- I will continuously build the capacities in teaching so that I can impart quality education to my students.
- I will celebrate the success of my students, with great happiness.
- I realize by being a teacher, I am making an important contribution to all the national development initiatives.
- I will constantly endeavour to fill my mind with great thoughts and spread the nobility in thinking and action.

**A MESSAGE FOR STUDENTS FROM A TEACHER:**

Dr. Kalam said that the young population of India must have a big aim; small aim is crime.

1) According to Kalam that we should encourage all children to dream for themselves. Unless children have dreams they will not be motivated to attain them. Slowly, we will find that, with proper effort, dreams will transform into thoughts and with effort and labour, these thoughts can be transformed into action. Success is possible only when we have a commitment to action. This ‘dream-thought-action’ philosophy is what he would like to be inculcated in each and every student.
2) Dr. Kalam visualized that the student, who maintain a cordial inter-personal or intra-personal relationship and the ability to carry the parents, community, media and the teachers for accomplishing the vision for generating an enlightened citizen for the nation should be a good innovator.

3) He appealed that as a first step we must remove the feeling from our minds that we are an average student. All students have certain unique strengths. We should recognize that strength and we should Concentrate and work hard.

4) He said that students should be determined, while planning a career or profession and retain stability in it. Students must have entrepreneurial leadership through which student can produce many ways to be employed independently. He believed that, it is the best way to contribute in fulfilling the dream of ‘Developed India’.

5) He appealed to the students that they should take care of elderly members, ailing persons and to be the friends of differently challenged people.

6) He motivated students to share their knowledge and skills with those who are lacking. And for such a noble purpose they must visit to the underprivileged areas and villages and teach people.

7) He was an environmentalist and nature lover. He inspired children for planting at least ten plants either in school campus or in their houses to create a serene environment. Dr. Kalam administered an oath for the students, as follows-

**OATH FOR STUDENTS:**
- I will pursue my education with dedication and I will exceed in it.
- I will plant at least five sampling and shall ensure their growth through constant care.
- I will constantly endeavour to remove the pain of my suffering brethren.
- I will work for becoming an enlightened citizen and make my family righteous.
- I will always be a friend of the mentally and physically challenged and will work hard to make them feel normal like the rest of use.
- I promise that I will work hard with honesty to transform my country into a developed country.

Dr. Kalam is a visionary and missionary teacher; and to accomplish his mission he continued his the most lovable teaching profession. Teaching is not only a profession for him but a passion for him. He believes that an ideal teacher must have the following qualities.

**A MESSAGE TO THE CITIZENS OF INDIA FROM DR. KALAM**
Dr. Kalam administered an oath for citizens of the country. He said that we have to recognize and value the importance of children, for which all citizens should take an oath.
- Children are our precious wealth.
- We will give equal importance to male and female children in providing education and rights for growth.
● For health and prosperity we will have a small family.
● Earnings come from hard work. We will not waste them in gambling and liquor.
● We need to tell our children about the importance of education, as learning gives knowledge and knowledge makes the children succeed.
● We need to jointly protect our forest and prevent pollution.
● We will plant at least five trees/saplings.
● We will become role models for our children.
● Beside all above regarding the children, it is essential to enlighten the children and create widespread awareness of education among all sections of society particularly in rural areas and among the urban poor.

Dr. Kalam said that in major places of worship in India, on an average 500,000 people come every day for prayers. Normally, when we go to religious place, we pray for our happiness and prosperity. He suggested for writing and displaying certain vows that transcend personal petitions. Vow such as:

● I will be responsible for educating at least five students for three years.
● I will activate at least one water pond in my neighbourhood or nearest village.
● I will remove all enmity within my family and withdraw any court cases.
● I will plant five fruit bearing trees.
● I will not gamble and succumb to any addiction.
● I will treat male and female children equally in education.
● I will lead from now onwards a righteous life free from corruption.

Even if ten percent of the devotees take any one of these vows and practice them, it will bring great peace and stability to society.

Dr. Kalam believed that universal truth embodied in each religion is very similar and they will help to form a bridge, thus reinforcing basic unity. Another fact is that there is a huge intellectual gap between the opinion-making class and the masses. This gap is best removed by increasing the knowledge base of every citizen in various vital aspects of their lives. As the number of enlightened citizens increases, the ability to cope with and overcome problems also increases and to achieve this, in addition to concentrating on education of the youth, there is also a need for a continual education of the adult population and senior citizens on the values of life and about the basic spiritual unity of all religions. In addition these values have to be reinforced in every citizen through specific projects, which can bring people together, irrespective of their social levels or religious beliefs.

He visualized that India could emerge as a developed nation by 2020 with the civilizational heritage and value systems spreading harmony and peace to the whole world. The ‘Unity of Minds’ could be achieved even while keeping intact the rich diversity of rites, rituals, ideas and beliefs amongst us and blending them with modern knowledge and skills.

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**SUGGESTIONS FOR RELIGIOUS INSTITUTIONS**

In reference to religious education, Dr. Kalam suggested that religious educational institutions operating in different parts of the country should enroll some children from other religions and impart values such as religious tolerance and righteousness. According to Kalam, the real purpose of religion and an understanding of the underlying unity of all religions should be embedded in the mind of the students. He believed that these children will foster a sense of peace and amity between themselves. Kalam said that simple exercise to reinforce positive thinking can be carried out. In addition, specially designed value-based educational material should be given to the children. He also said that the same should be disseminated through the media. It may not be necessary to begin an exercise to generate these materials, as a large amount is available in India and abroad. However, it may be necessary to search for it and shape it to suit our specific needs. He visualized that we will launch a number of multi-religious projects in education, healthcare, and water supply as well as entrepreneurship and employment to help the poor. He had firm faith that people will see for themselves that multiple religions are working together for the common good and these efforts will elevate religions in the minds of the people and the nation will benefit.

**SUGGESTIONS FROM A VISIONARY TO THE GOVERNMENT OF A DEMOCRATIC COUNTRY**

*A Democracy works on the foundation of people’s dreams and aspirations. It is not democracy that has to be re-invented, what needs to be re-invented that is our political system, with its responsibilities, its obligations and its boundaries.* - Kalam

1) Dr. Kalam suggested, “Universal literacy and access to education for all is another fundamental requirement for a nation to be truly developed. Education would result in the creation of a large base of people who excel in various fields as well, an invaluable resource for any country. At present, however there is a high degree of asymmetry in the educational system. While there are many who aspire to higher education, quality institutions to impart this are few. This create a large mismatch of demand and supply in quality manpower and is starkly evident in emerging sunrise areas such as information technology, biotechnology, environmental engineering and manufacturing technology. The economic liberalization taking place will only intensify such demands in coming years. Moreover higher education should also to be made more relevant to the industry and society, an aspect in which it is inadequate at present. One solution lies in fostering institutions with expertise in selected subjects of relevance to industry and society. Some of the institutions which have excelled this far could provide template for the new ones. Lastly, the solution should be implemented in a mission mode- only the mission objectives should be paramount and all else subservient to these objectives.

2) Dr. Kalam said, “The lack of educational opportunities and their quality of life perpetuates their poverty. Non-availability of preventive health care further weakens their bodies and therefore their capabilities. Indians should be provided access to first-rate
education and prevalent methods of village schools or other schools and institutes in town and cities.

3) He visualized an Integrated action for developed India. He said that to achieve this profile of India, we need to develop sectors like Agriculture, Education, Healthcare, Information and Communication Technology and Infrastructure in all parts of the country in a coordinated and integrated manner. He visualized that, it can only be done through value-based education and by building leadership at all levels. He said that leader needs to be educated, they need to be prepared for decision making, envisioning, planning and then implementing programmes, and they also need to know how to manage failures.

4) He gave various ideas regarding at different levels of education.

- **School Education**- Quality input generates quality output. The primary foundation for such action is the quality of teachers at the school level - from the primary to the higher secondary level. The creation of a revamped National Quality Teacher Education System and it is associated inclusive policy is essential. What we need is creative syllabus, creative teachers and creative classrooms for value-based quality school education.

- **Higher education**- the higher education system has to focus on research and development at the university level. Instead of monitoring and control by agencies such as UGC and AICTE, we should allow higher educational institutions to compete internationally by setting their educational standards as per with world-class institutions so that they can be rated by independent agencies with a pool of eligible experts in the field on rotation. A minimum criteria may be set up for achieving excellence.

- **Research and development in Higher Education**- Removing red tapism and favouritism in higher education and research administration and management is of utmost importance. We need to empower universities, both governments funded and private, to promote research and enable them to improve research infrastructure. Establishing a National Research and Innovation Laboratory with access to all educational institutions at the state and central level is important. Incentives can also be provided to empower professors and students for research and development.

Good faculty attracts good research students. We need to attract a world-class research faculty by creating a world-class working environment, re-envisioning salary structures and providing accommodation in universities for possible collaborative international research projects. Universities should identify national challenges and direct their research towards finding innovative solutions. Every university should set up the PURA Cluster Research Centre for traditional research and development for local application for agriculture, industry and service sectors at the village level.

- **Healthcare services and Institutions**- More medical colleges should be allowed to start, provided they adopt government hospitals and invest in its infrastructure and health service and also adopt at least a hundred village PHSc(Public Health Centres) in their neighbourhood. Medical teaching may also be imparted through high-definition tele-education technology by a well-qualified faculty and a medical laboratory for practical applications may be tied up with government hospitals.
6) Skill and knowledge development through state-of-the-art skill training for the youth of the country is also needed. Programmes can be conceived where students from college across India would take-up a two-month summer internship programme in villages to enhance water and pond conditions and hygiene.

7) As for women’s safety, a value based education at the school level is essential to build respect towards women. He suggested some areas where the constituency development fund can be used. Women education is one of them. According to Dr. Kalam, ‘Education for girls needs the higher priority. Some of the major reasons why girls are not sent to school are the non availability of toilets and the distance of the school from the village. There are many schools with just a single room. MPs and MLAs can assist the existing school to improve infrastructure or start schools in the constituency with child-friendly infrastructure.

8) He visualized that good governance is identified by the way it is protective and responsive to the needs of the people and helps them lead to a life that is morally upright, intellectually superior, and leads to an enriched quality of life. This is possible by the acquisition of knowledge which will consequently lead to the overall enhancement of the quality of life of all Indian citizens. He felt that we need to evolve the societal grid-which comprises the Knowledge Grid, the Health Grid and the E-governance Grid- all feeding the PURA (Providing Urban Amenities to Rural Areas) Grid in order to achieve holistic development.

- **The Knowledge Grid** will bring appropriate knowledge democratically to all citizens, empowering them and thereby ensuring the establishment of a knowledge society.

- **The Health Grid** will ensure that the benefits of quality health care reach the needy people, enhancing the quality of life and increasing individual productivity, which, in turn, will help the nation develop faster.

- **The E-Governance** will ensure transparency in government services, reaching all people uniformly, without any dilution of the quantum and the quality services. If these Grids help each other, then it will enhance the quality services of the PURA Grid, which connects 600,000 villages.

The nation can grow only by empowering its people to contribute in agriculture and industry in the service sectors. This is possible by empowering them financially, and by providing them with the requisite skill, knowledge and technology.

9) He was told that there are more than 900 government schools in Delhi during addressing the Principals and Teachers of Delhi Government Schools. He said that he was estimated each school would be catering about 300-400 children. Of course, given the constraints not every school can be equipped with a skill development lab. And for dealing with this situation he suggested to establish ‘Mobile Development Centers’. And for this he told that-

“ One solution could be map schools with Skill and Training centers nearest to them where the students can be taken and given a short training every week for 1-2 periods in
the academic calendar. These centers could be ITIs or polytechnics or private workshops and the electronic labs. Another way could be the start of mobile skill development labs across Delhi. These mobile vans, would be equipped with gadgets and hardware needed to conduct a skill development and vocational class for school going children and can move from school to school, in a particular area. Each van will have ICT material and mechanical and chemical engineering set-up for training and with attached trainers. The vans can be given pre-defined schedule and coordinate with the school through mobile communication with the principals. One such van can cover 2 schools in a day, they can easily conduct class for 12 schools in a regular manner. Delhi has 70 MLAs, roughly there are 12-14 government schools in each constituency. Hence, if each MLA decides, to undertake the mission of setting up one such Skill Development Mobile Van in his or her constituency, we can cover the entire state of Delhi from the first year of operation itself. If such a system is implemented by the government with cooperation of schools, we can realize the mission of skilling our youth from the school level it-self and significantly improve the state of education in the National Capital region within the next 3-4 years. Also the educationists have to review the study materials in pre-schools and primary schools to offer introduction and inspiration to skills and their importance in life in general. This educational idea of Dr. Kalam is published in a journal ‘Giving Light’ vol.7, 3 July 2015.

11) He suggested a policy to attain sustained peace and prosperity. He said that India should only work towards bringing sustainable peace and prosperity within its borders but also among its neighbours. India is the second largest democratic nation in the world and its democratic values have been tested for more than six decades. If Vision 2020 has to reap all the benefits of development, India has to see that all its neighbours, particularly the SAARC nations, have attained the peace and prosperity under the democratic system. Otherwise cross border Terrorism, Naxalism and Maoism will continue to threaten the very process of sustaining peace and prosperity. It is the responsibility of India to bring peace and prosperity in the subcontinent through democracy. He suggested that the SAARC nations work together in a way similar to the EU Parliament which works towards promoting regional peace and prosperity.

12) Dr. Kalam gave some suggestions, to accelerate the progress in India in an integrated manner so that by 2020, India can become a developed country with:

- Zero poverty
- 100 percent literacy
- Quality healthcare for all
- Value system embedded quality education for all
- Value added employment for every citizen consistent with education and professional skills.

Dr. Kalam said, ‘If we channelize our integrated efforts towards the development of India before 2020, then the growth of the nation is certain.’
My Emotional outburst

This page is written by a scholar for whom Dr. Kalam was not merely a topic to analyze and write on, but a constant source of motivation and energy throughout the journey of her research work. (2011-2015). Some experiences of the researcher with Kalam Sir are shared with you all to express the tribute to Kalam Sir, in her own word come out directly from the heart of the researcher. Kalam Sir always said for writing our dreams and future plan or anything creative or innovative on a page; and the following page is written about the experiences of the researcher with Kalam Sir and after him.

‘ I was about to complete my final chapter and thereafter submit the research work in the Department of Education at the Integral University, Lucknow, UttarPradesh, when a sudden, big pause showed in my proceedings; and that was………a breaking news that flashed on the television screen in big, bold letters that our most beloved Dr. Kalam had passed away! It was all about the demise of Dr. Kalam due to a sudden cardiac arrest while he was delivering his speech at the Indian Institute of Management, Shillong, Meghalaya around 6:30 pm.

My eyes froze and I could not feel my fingers for a moment. Everything seemed to come to a halt and it looked as if all my efforts and inspiration were rendered worthless. Gallons of tears rushed out from my helpless eyes. Despite the whole family consoling me, I knew somewhere in my heart that everything was over and now there was no need to complete the research work and not even get awarded with the honour of Ph.D, which was my sole dream. I was eagerly waiting for the moment when I would be called as Dr. Anshu Rupainwar instead of just Mrs. Anshu Rupainwar. But it was on that evening (July 27, 2015, at 8:00 p.m.) , I felt that all my zeal died with the demise of Kalam Sir.

I put my pen down and kept all important papers and books aside on my study table. As a matter of fact, no further efforts were put in my research work for at least the next ten days. I was worried about our country which had lost a true Indian national leader, a missionary scientist and a visionary social reformer, but first of all an autonomous teacher who never had guidelines to teach from his superiors.

One day I saw my table and papers and the picture of Kalam Sir, projected on the cover page of one of his books, ‘Inspiring Thoughts’. Suddenly, I felt that Kalam Sir was motivating me to read that book. I just picked up the book and tried to read it.
It was a turning point for me when I realized that I had made a blunder by not putting any efforts to accomplish my dream project; Because Kalam Sir always inspired us for doing hard work and to be a constant worker. Kalam, the voice of the youth, had once quoted…..’ Don’t declare a holiday on my Death, instead work an extra day If you love me.’

I again picked up my pen without losing a moment as I had already lost a big slot of time then. I was ready to complete my work with an unseen power of Kalam’s memories,
which was there to be my torchlight. During those days media had explored the personality of Dr. Kalam by publishing various incidents of his generosity and humanity. Going through all those bits, I felt that he was not only a determined missionary but he was also very kind hearted and compassionate as a human being. Today I feel fortunate to be a research scholar who is successfully working on the thoughts and ideas of Dr. Kalam. As Kalam Sir always loved students, I feel proud to be called as a student even at the age of 45!

**My interaction with Kalam Sir…..**

Today I feel proud and fortunate when I remember that beautiful moment on September 27, 2013, MotiMahal, Lucknow. That was a moment when I was feeling more energetic and enthusiastic, because there was a news that Kalam Sir had reached that place, where we all were eagerly waiting for him. After some time he appeared, carrying an innocent smile on his face. His hairs were shining white and were telling the story of this experienced ‘Indian Missile Man’. I was worried, how to have an interaction with him. I was putting all my efforts to come out from the crowd to meet Kalam Sir. Suddenly, with God’s Grace, Kalam Sir was just before me. I had recollected all my powers and greeted…..”Good evening Sir, I am a research scholar of Integral University, and I want to give some details about my research work and I also want your permission to work on your teachings.” He received my papers with a big smile and said, “O.K. God bless you”.

Then he delivered a beautiful lecture on education in which he especially mentioned about the importance of books and gave the suggestion to maintain a Home Library which could be started from just a dozen of them. That was a lecture which reactivated me to read more books on him and by him. I also purchased some more new books of him from the book stalls. On that day I also met with a publisher of Prabhat Publication, New Delhi, who had published many books of Kalam Sir. The publisher told me that previously Kalam Sir had denied many students for researching on him. That day I could not take a sound sleep and sat before my laptop and mailed Dr. Kalam. After sending number of mails, fortunately, on October 14, 2013, I received a mail from him. Finally, I got the message from his secretary Mr. R.K. Prasad that ended all my insecurities. I had got the authentic permission to analyze the thoughts and ideas of Dr. Kalam, through his books and other literature available in the market or on various websites. My happiness knew no bounds and I was excited to turn my initiative into reality.

**My personal experience; Source of Inspiration for the students……….**

I remembered the day when I was going to the Integral University to appear in my Pre-Ph.D examination. That day I did not know that I had no admit card which is mandatory to appear in the examination. My examination was scheduled at 2:00 p.m. and as the clock struck two, I realized that every examinee had an admit card which I did not. I rushed to my supervisor and told the situation. He advised me to appear in the same examination next year and it was the easiest solution given by him to minimize my problem. But I was fully prepared for appearing in the exam that very day. I did not lose
my hopes and rushed to Pro Vice-Chancellor’s office to get the permission for appearing in the examination. Pro Vice-Chancellor, Prof. T. Usmani Sir was a gentle man and gave me the permission. Then I rushed to the examination controller’s office to get the admit card. Finally I got a new admit card issued an hour later. I was late but I got special permission to appear in the examination. It was hard to believe for me that in the end I made it and passed the examination with good grades. I just want to tell you all that during all those rushing hours I was constantly repeating the single line of Kalam Sir and that was ‘I will fly’, that gave me inner strength not to give up in the middle of the journey. The moral of the whole incident is this; that Kalam Sir is always with us in his immortal lines. I wish that every student who has a touch and concern with Kalam’s Vision 2020 and contribute to accomplish it as after Kalam Sir it was our duty to fulfill his Dreams and Missions. I feel fortunate to be a part of his pupil army, who is constantly working to accomplish his dream by his/her own ways.

My Future Mission…. To be an autonomous teacher, I will try my level best to convey the messages of Kalam Sir to forthcoming generations through moral and value based teachings.

‘Kalam Sir has gone but his mission will always go on.’- The researcher

My Dream....... Politics would only be as an aspect of our democracy, and sincerely wish that there should be no politics at any other level. Devoted work and honesty should only be the motto of everyone.

‘Don’t take rest after your first victory, because if you fail in second, more lips are waiting to say that the first one was just luck!!’

This thought of Kalam Sir is my source of inspiration, and I will fly…fly and fly and no one can stop me to reach at my desired destination.

Thank you Sir for being with us in your everlasting teachings.

ANSHU RUPAINWAR
(THE RESEARCHER)

You and Your Teachings are always with us SIR....

“I take an oath that I will incorporate his humble teachings in my life.”- The researcher.

The researcher felt that Kalam shone like the sun, and proved more than one son to his nation. As the researcher feels that, when you live, live like him; and when you die, die like him. The birthday of Kalam would be celebrated as “World Students Day” a proposal for the Government of India, from the deepest site of the heart of the researcher. A humble request to the Government of India from the researcher as it will give happiness to youth and children of the whole world.
A MAGIC MOMENT OF RESEARCHER’S LIFE.....

(The researcher gave some research details to Kalam Sir, on 27 Sept.2013, at Book-Fair, held on Moti Mahal, Lucknow.)
NATION WILL ALWAYS REMEMBER LATE. DR. APJ ABDUL KALAM AND HIS CONTRIBUTIONS

After demise of Dr. Kalam, India gave tribute to him in following ways….

- First of all we would like to thank Mr. Srijan Pal Singh, who was present with Kalam Sir at his last breath moment; and he gave full description of the last journey of Dr. Kalam. As we all wanted to know all these in details. His interaction with us through his writings from various media whether it was through newspapers or through internet. Srijan Sir, a true pupil of Dr. Kalam, will provide us moral support as we know that he will definitely with the students of our nation along with Kalam’s teachings.
- Number of his followers and pupils gave tribute to their Kalam Sir, by their writings in various newspapers and journals and other documents.
- Millions of youth and children and other popular personalities send tribute by E. mails, tweeter, Facebook and other social sites.
- By creating paintings, sculpture and other creations in memory of Kalam Sir, number of students and artist gave tribute to him.
- **Govt. of India also done some developments in the name of Dr. APJ Abdul Kalam after his demise in following**-
  - ‘Wheelar Island’ is named as ‘Kalam Island’.(Economoc Times, by PTI 2 Aug. 2015)
  - ‘Hypersonic BrahMos Missile’ named after Dr. Abdul Kalam.(IST, by Dr. Anantha Krishna M, Aug. 8 2015)
  - ‘Rashtriya Avishkar Abhiyan’ named as ‘APJ Abdul Kalam Rashtriya Avishkar Abhiyan’ by Central Govt. of Madhya Pradesh, India.
  - In Delhi, the State Government will name its scheme providing educational loan up to rupees 10 lkhh after the former President APJ Abdul Kalam.
  - Beside all above many more such developments are in process. UNO also declared Kalam Birthday, October 15, as ‘World Students’ Day’.
Thus, we lost Dr. Kalam only physically; his soul is always here with us in his teachings and all above developments will be always helpful in refreshing the memories of Dr. Kalam in future.

‘INSPIRATIONAL MEMORIES OF LATE DR. APJ ABDUL KALAM’

‘JAI HIND’
List of Publications:


Appendix-III

A TRIBUTE TO LATE DR. APJ ABDUL KALAM

R.I.P. Dr. APJ Abdul Kalam

15th OCTOBER 1931-27th JULY 2015
ON JULY 27 2015.....MISSILE MAN TOOK A FINAL FLIGHT.....

‘ A GLIMPS OF LOVING MEMORIES OF DR. APJ ABDUL KALAM’
YOU WILL ALWAYS SOLVE OUR PROBLEMS THROUGH YOUR
EVERLASTING MOTIVATIONAL BOOKS, POEMS AND INSPIRATIONAL SPEECHES.....

A BEAUTIFUL COLLECTION OF KALAM’S THOUGHTS AND IDEAS, PRESERVED IN HIS BOOKS.
STUDENT'S LOVE FOR KALAM SIR……..

We will wait for next Kalam…as teacher and teachings never die…… ‘My message, especially to the young people, is to have courage to think differently, courage to invent, to travel the unexplored path, courage to discover the impossible and to conquer the problems and succeed. These are great qualities that they must work towards. This is my message to the young people.’ -Dr. APJ Abdul Kalam

NATION MOURNS ITS MISILE MAN………..

Kalam Sir will remain one of the finest human beings to have ever lived. He lived an illustrious and successful life, and his legacy will continue to inspire people around the world in the coming years.

Dr. APJ Abdul Kalam with Srijan Pal Singh

➢ A heartbreaking recount of Dr APJ Abdul Kalam's last moments. Srijan Pal Singh has been Dr APJ Abdul Kalam's companion since long. He's an author, public speaker, activist and an entrepreneur. He shared his memories about DrKalam's final hours through a Facebook post.

New Delhi, July 28, 2015 | UPDATED 21:18 IST

It has been eight hours since we last talked - sleep eludes me and memories keep flushing down, sometimes as tears. Our day, July 27, began at 12 noon, when we took our seats in the flight to Guwahati. Dr. Kalam was 1A and I was 1C. He was wearing a dark coloured "Kalam suit", and I started off complimenting, "Nice color!" Little did I know this was
going to be the last colour I will see on him. Long, 2.5 hours of flying in the monsoon weather. I hate turbulence, and he had mastered over them. Whenever he would see me go cold in shaking plane, he would just pull down the window pane and saw, "Now you don't see any fear!".

That was followed by another 2.5 hours of car drive to IIM Shillong. For these two legged trip of five hours we talked, discussed and debated. These were amongst hundreds of the long flights and longer drives we have been together over the last six years. As each of them, this was as special too. Three incidents/discussions in particular will be "lasting memories of our last trip".

"It seems the man-made forces are as big a threat to the livability of earth as pollution."- Dr APJ Abdul Kalam

First, Dr. Kalam was absolutely worried about the attacks in Punjab. The loss of innocent lives left him filled with sorrow. The topic of lecture at IIM Shillong was creating a Livable Planet Earth. He related the incident to the topic and said, "it seems the man-made forces are as big a threat to the livability of earth as pollution". We discussed on how, if this trend of violence, pollution and reckless human action continues we will forced to leave earth. "Thirty years, at this rate, maybe", he said. "You guys must do something about it... it is going to be your future world"

"I really need to find out a way to ensure that the parliament works on developmental politics."- Dr APJ Abdul Kalam

Our second discussion was more national. For the past two days, Dr. Kalam was worried that time and again Parliament, the supreme institution of democracy, was dysfunctional. He said, "I have seen two different governments in my tenure. I have seen more after that. This disruption just keeps happening. It is not right. I really need to find out a way to ensure that the parliament works on developmental politics."

He then asked me to prepare a surprise assignment question for the students at IIM Shillong, which he would give them only at the end of the lecture. He wanted to them to suggest three innovative ways to make the Parliament more productive and vibrant. Then, after a while he returned on it. "But how can ask them to give solutions if I don't have any myself". For the next one hour, we thwarted options after options, who come up with his recommendation over the issue. We wanted to include this discussion in our upcoming book, Advantage India.

"Are you tired? Would you like something to eat? I am sorry you had to stand so long because of me."- Dr APJ Abdul Kalam

Third, was an experience from the beauty of his humility. We were in a convoy of 6-7 cars. Dr. Kalam and I were in the second car. Ahead us was an open gypsy with three soldiers in it. Two of them were sitting on either side and one lean guy was standing atop, holding his gun. One hour into the road journey, Dr. Kalam said, "Why is he standing? He will get tired. This is like punishment. Can you ask a wireless message to given that he may sit?" I had to convince him, he has been probably instructed to keep standing for
better security. He did not relent. We tried radio messaging, that did not work. For the next 1.5 hours of the journey, he reminded me thrice to see if I can hand signal him to sit down. Finally, realizing there is little we can do - he told me, "I want to meet him and thank him".

Later, when we landed in IIM Shillong, I went inquiring through security people and got hold of the standing guy. I took him inside and Dr. Kalam greeted him. He shook his hand, said thank you buddy. "Are you tired? Would you like something to eat? I am sorry you had to stand so long because of me". The young lean guard, draped in black cloth, was surprised at the treatment. He lost words, just said, "Sir, aapke liye to 6 ghante bhi khade rahenge".

Dr. Kalam meeting the soldier. Photo: SP Singh’s Facebook post

"Students should never be made to wait" - Dr APJ Abdul Kalam

After this, we went to the lecture hall. He did not want to be late for the lecture. "Students should never be made to wait", he always said. I quickly set up his mike, briefed on final lecture and took position on the computers. As I pinned his mike, he smiled and said, "Funny guy! Are you doing well?" 'Funny guy', when said by Kalam could mean a variety of things, depending on the tone and your own assessment. It could mean, you have done well, you have messed up something, you should listen to him or just that you have been plain naive or he was just being jovial. Over six years I had learnt to interpret Funny Guy like the back of my palm. This time it was the last case.

"Funny guy! Are you doing well?" he said. I smiled back, "Yes". Those were the last words he said. Two minutes into the speech, sitting behind him, I heard a long pause after completing one sentence. I looked at him, he fell down.

We picked him up. As the doctor rushed, we tried whatever we could. I will never forget the look in his three-quarter closed eyes and I held his head with one hand and tried reviving with whatever I could. His hands clenched, curled onto my finger. There was stillness on his face and those wise eyes were motionlessly radiating wisdom. He never said a word. He did not show pain, only purpose was visible.

In five minutes we were in the nearest hospital. In another few minutes they indicated the missile man had flown away, forever. I touched his feet, one last time. Adieu old friend! Grand mentor! See you in my thoughts and meet in the next birth.
"First you tell me, what will you like to be remembered for? President, Scientist, Writer, Missile man, India 2020, Target 3 billion... What?" asked Srijan Pal Singh

"Teacher"- Dr APJ Abdul Kalam
As turned back, a closet of thoughts opened. Often he would ask me, "You are young, decide what will like to be remembered for?" I kept thinking of new impressive answers, till one day I gave up and resorted to tit-for-tat. I asked him back, "First you tell me, what will you like to be remembered for? President, Scientist, Writer, Missile man, India 2020, Target 3 billion... What?" I thought I had made the question easier by giving options, but he sprang on me a surprise. "Teacher", he said.

"One is blessed if one can die working"- Dr APJ Abdul Kalam
Then something he said two weeks back when we were discussing about his missile time friends. He said, "Children need to take care of their parents. It is sad that sometimes this is not happening". He paused and said, "Two things. Elders must also do. Never leave wealth at your deathbed - that leaves a fighting family. Second, one is blessed if one can die working, standing tall without any long drawn ailing. Goodbyes should be short, really short".
Today, I look back - he took the final journey, teaching, what he always wanted to be remembered doing. And, till his final moment he was standing, working and lecturing. He left us, as a great teacher, standing tall. He leaves the world with nothing accumulated in his account but loads of wishes and love of people. He was a successful, even in his end.
Will miss all the lunches and dinners we had together, will miss all the times you surprised me with your humility and startled me with your curiosity, will miss the lessons of life you taught in action and words, will miss our struggles to race to make into flights, our trips, our long debates. You gave me dreams, you showed me dreams need to be impossible, for anything else is a compromise to my own ability. The man is gone, the mission lives on. Long live Kalam.
Your indebted student,
Srijan Pal Singh
(Srijan Pal Singh posted the above account on Facebook on Monday, July 27, 2015)
UN Declares APJ Abdul Kalam’s Birthday As ‘World Students Day’

World Students Day: It was year 2010 when United Nations decided to mark the importance of India’s former President and great scientist APJ Abdul Kalam and declared his birthday as ‘World Students Day’.

October 15, which is Dr. Kalam’s birth anniversary, is celebrated as a day for students all around the world. Even Dr. Kalam always expressed his wish to be remembered as a teacher by the people.

On the sad demise of ‘Missile Man’ on Monday, people of India and around the world, specially students paid tribute to him by reminding the world about his birthday and its significance internationally. (http://focusnews.com/india/did-you-know-un-declared-apj-abdul-kalams-birthday-as-world-students-day/94256/)

Kalam had said….. Don’t declare a holiday on my death, instead work an extra day. If you love me.

WE LOVE YOU SIR…..as many Indians continued to work as was his desire. This was his tribute to the best man India has ever known…..

“NOW THE END OF JOURNEY OF A GREAT TEACHER….BUT IT’S A NEVER ENDING JOURNEY FOR THOSE TEACHERS WHO LOVE KALAM……..”

WE WILL PUT OUR THE BEST EFFORT TO FULFILL YOUR TRUE DREAM…. “INDIA- A DEVELOPED NATION”

A MESSAGE FOR A TEACHER FROM A TEACHER:

Dr. Kalam said that though the present academic system may give students a lot of workload but it should not prevent them from dreaming. According to Dr. APJ Abdul Kalam, a great autonomous teacher-

1) Teacher should celebrate the success of their students.
2) It is the sacred duty of Principals, Teachers and Parents to inspire the youth with the Value Based Education System, guiding them towards a Mission of Life and also make
them imbibe the value of the countries they are growing in.

3) The teacher must constantly endeavor to fill their mind, with great thoughts and spread the nobility in thinking and action among the students.

4) The teacher conducting him-self or her-self in a noble way it-self is a lifetime message for the students.

5) The teacher should treat all the students equally and should not support any differentiation on account of religion, community or language and continuously upgrade the capacities in teaching so that they can impart quality education to the students.

6) The teachers should realize by being a teacher, they are making an important contribution to the effort of national development.

7) The teacher must realize that they are responsible for shaping not just students but ignited youth who are the most powerful resources under the earth, on the earth and above the earth.

8) The teacher must love their profession, inculcate values, as sense of dedication in his wards and inspire them.

9) The teacher can only preserve the ‘Dynamics of Smile’ of the students when they complete their school education. The student should be confident that ‘he can do it’. He should have self esteem and capability to become an employment generator rather being an employment seeker. This transformation is only brought about by a teacher who has a vision to transform good innovator, who maintain a cordial inter-personal or intra-personal relationship and the ability to carry the parents, community, media and the teachers for accomplishing the vision for generating an enlightened citizen for the nation.

10) With the full commitment to the teaching, the teacher transforms himself or herself as a great teacher only when he or she is capable of elevating the average student to high performance.

11) Teacher must love teaching and committed to their profession.

12) Teacher should be a lifelong autonomous learner.

13) The teacher should groom the students to become autonomous learners with the use of modern technology.

14) The teacher becomes a great teacher only when he or she is able to lift the average student to excellent performance by the way of special teaching techniques.

15) The whole school and teacher system is involved in generating students who perform the best.

16) The school management selects the teachers who love teaching, who treat the students as their sons, daughters, grand-sons or grand-daughters.

17) Teachers in the classroom may find hundreds of bright students but a few may need knowledge with kindness. All teachers must locate such students and impart knowledge to them.
Dr. Kalam administered a beautiful oath for teachers, students, youth as given below:

**ELEVEN POINT OATH FOR A TEACHER:**

- First and foremost, I will love teaching. Teaching will be my soul.
- I realize that I am responsible for shaping not just students but ignited youths who are the most powerful resource under the earth, on the earth and above the earth. I will be fully committed for the great mission of teaching.
- I will consider myself to be a great teacher for I can lift the average to the best performance by way of my special teaching.
- All my actions with my students will be with kindness and affection like a mother, sister, father or brother.
- I will organize and conduct my life, in such a way that my life itself is a message for my students.
- I will encourage my students to ask questions and develop the spirit of enquiry, so that they blossom into creative enlightened citizens.
- I will treat all the students equally and will not support any differentiation on account of religion, community or language.
- I will continuously build the capacities in teaching so that I can impart quality education to my students.
- I will celebrate the success of my students, with great happiness.
- I realize by being a teacher, I am making an important contribution to all the national development initiatives.
- I will constantly endeavour to fill my mind with great thoughts and spread the nobility in thinking and action.

**A MESSAGE FOR STUDENTS FROM A TEACHER**

Dr. Kalam said that the young population of India must have a big aim; small aim is crime.

1) According to Kalam that we should encourage all children to dream for themselves. Unless children have dreams they will not be motivated to attain them. Slowly, we will find that, with proper effort, dreams will transform into thoughts and with effort and labour, these thoughts can be transformed into action. Success is possible only when we have a commitment to action. This ‘dream-thought-action’ philosophy is what he would like to be inculcated in each and every student.

2) Dr. Kalam visualized that the student, who maintain a cordial inter-personal or intra-personal relationship and the ability to carry the parents, community, media and the teachers for accomplishing the vision for generating an enlightened citizen for the nation should be a good innovator.
3) He appealed that as a first step we must remove the feeling from our minds that we are an average student. All students have certain unique strengths. We should recognize that strength and we should Concentrate and work hard.

4) He said that students should be determined, while planning a career or profession and retain stability in it. Students must have entrepreneurial leadership through which student can produce many ways to be employed independently. He believed that, it is the best way to contribute in fulfilling the dream of ‘Developed India’.

5) He appealed to the students that they should take care of elderly members, ailing persons and to be the friends of differently challenged people.

6) He motivated students to share their knowledge and skills with those who are lacking. And for such a noble purpose they must visit to the underprivileged areas and villages and teach people.

7) He was an environmentalist and nature lover. He inspired children for planting at least ten plants either in school campus or in their houses to create a serene environment. Dr. Kalam administered an oath for the students, as follows-

- **OATH FOR STUDENTS:**
  - I will pursue my education with dedication and I will exceed in it.
  - I will plant at least five sampling and shall ensure their growth through constant care.
  - I will constantly endeavour to remove the pain of my suffering brethren.
  - I will work for becoming an enlightened citizen and make my family righteous.
  - I will always be a friend of the mentally and physically challenged and will work hard to make them feel normal like the rest of use.
  - I promise that I will work hard with honesty to transform my country into a developed country.

Dr. Kalam is a visionary and missionary teacher; and to accomplish his mission he continued his the most lovable teaching profession. Teaching is not only a profession for him but a passion for him. He believes that an ideal teacher must have the following qualities.

- **A MESSAGE TO THE CITIZENS OF INDIA FROM DR. KALAM**:
  - Dr. Kalam administered an oath for citizens of the country. He said that we have to recognize and value the importance of children, for which all citizens should take an oath.
  - Children are our precious wealth.
  - We will give equal importance to male and female children in providing education and rights for growth.
  - For health and prosperity we will have a small family.
  - Earnings come from hard work. We will not waste them in gambling and liquor.
  - We need to tell our children about the importance of education, as learning gives knowledge and knowledge makes the children succeed.
  - We need to jointly protect our forest and prevent pollution.
• We will plant at least five trees/saplings.
• We will become role models for our children.
• Beside all above regarding the children, it is essential to enlighten the children and create widespread awareness of education among all sections of society particularly in rural areas and among the urban poor.

Dr. Kalam said that in major places of worship in India, on an average 500,000 people come every day for prayers. Normally, when we go to religious place, we pray for our happiness and prosperity. He suggested for writing and displaying certain vows that transcend personal petitions. Vow such as:
• I will be responsible for educating at least five students for three years.
• I will activate at least one water pond in my neighbourhood or nearest village.
• I will remove all enmity within my family and withdraw any court cases.
• I will plant five fruit bearing trees.
• I will not gamble and succumb to any addiction.
• I will treat male and female children equally in education.
• I will lead from now onwards a righteous life free from corruption.

Even if ten percent of the devotees take any one of these vows and practice them, it will bring great peace and stability to society.

Dr. Kalam believed that universal truth embodied in each religion is very similar and they will help to form a bridge, thus reinforcing basic unity. Another fact is that there is a huge intellectual gap between the opinion-maker class and the masses. This gap is best removed by increasing the knowledge base of every citizen in various vital aspects of their lives. As the number of enlightened citizens increases, the ability to cope with and overcome problems also increases and to achieve this, in addition to concentrating on education of the youth, there is also a need for a continual education of the adult population and senior citizens on the values of life and about the basic spiritual unity of all religions. In addition these values have to be reinforced in every citizen through specific projects, which can bring people together, irrespective of their social levels or religious beliefs.

He visualized that India could emerge as a developed nation by 2020 with the civilizational heritage and value systems spreading harmony and peace to the whole world. The ‘Unity of Minds’ could be achieved even while keeping intact the rich diversity of rites, rituals, ideas and beliefs amongst us and blending them with modern knowledge and skills.

Dr. Kalam administered an oath for citizens of the country. He said that we have to recognize and value the importance of children, for which all citizens should take an oath.

➢ **OATH FOR CITIZENS:**

• Children are our precious wealth.
• We will give equal importance to male and female children in providing education and rights for growth.
• For health and prosperity we will have a small family.
• Earnings come from hard work. We will not waste them in gambling and liquor.
• We need to tell our children about the importance of education, as learning gives knowledge and knowledge makes the children succeed.
• We need to jointly protect our forest and prevent pollution.
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**SUGGESTIONS FOR RELIGIOUS INSTITUTIONS**

In reference to religious education, Dr. Kalam suggested that religious educational institutions operating in different parts of the country should enroll some children from other religions and impart values such as religious tolerance and righteousness. According to Kalam, the real purpose of religion and an understanding of the underlying
unity of all religions should be embedded in the mind of the students. He believed that these children will foster a sense of peace and amity between themselves. Kalam said that simple exercise to reinforce positive thinking can be carried out. In addition, specially designed value-based educational material should be given to the children. He also said that the same should be disseminated through the media. It may not be necessary to begin an exercise to generate these materials, as a large amount is available in India and abroad. However, it may be necessary to search for it and shape it to suit our specific needs. He visualized that we will launch a number of multi-religious projects in education, healthcare, and water supply as well as entrepreneurship and employment to help the poor. He had firm faith that people will see for themselves that multiple religions are working together for the common good and these efforts will elevate religions in the minds of the people and the nation will benefit.

➢ **SUGGESTIONS FROM A VISIONARY TO THE GOVERNMENT OF A DEMOCRATIC COUNTRY**

*A Democracy works on the foundation of people’s dreams and aspirations. It is not democracy that has to be re-invented, what needs to be re-invented that is our political system, with its responsibilities, its obligations and its boundaries.* - Kalam

1) Dr. Kalam suggested, “Universal literacy and access to education for all is another fundamental requirement for a nation to be truly developed. Education would result in the creation of a large base of people who excel in various fields as well, an invaluable resource for any country. At present, however there is a high degree of asymmetry in the educational system. While there are many who aspire to higher education, quality institutions to impart this are few. This create a large mismatch of demand and supply in quality manpower and is starkly evident in emerging sunrise areas such as information technology, biotechnology, environmental engineering and manufacturing technology. The economic liberalization taking place will only intensify such demands in coming years. Moreover higher education should also to be made more relevant to the industry and society, an aspect in which it is inadequate at present. One solution lies in fostering institutions with expertise in selected subjects of relevance to industry and society. Some of the institutions which have excelled this far could provide template for the new ones. Lastly, the solution should be implemented in a mission mode- only the mission objectives should be paramount and all else subservient to these objectives.

2) Dr. Kalam said, “The lack of educational opportunities and their quality of life perpetuates their poverty. Non-availability of preventive health care further weakens their bodies and therefore their capabilities. Indians should be provided access to first-rate education and prevalent methods of village schools or other schools and institutes in town and cities.

3) He visualized an Integrated action for developed India. He said that to achieve this profile of India, we need to develop sectors like Agriculture, Education, Healthcare, Information and Communication Technology and Infrastructure in all parts of the country in a
coordinated and integrated manner. He visualized that, it can only be done through value-based education and by building leadership at all levels. He said that leader needs to be educated, they need to be prepared for decision making, envisioning, planning and then implementing programmes, and they also need to know how to manage failures.

4) He gave various ideas regarding at different levels of education.

- **School Education**- Quality input generates quality output. The primary foundation for such action is the quality of teachers at the school level- from the primary to the higher secondary level. The creation of a revamped National Quality Teacher Education System and it is associated inclusive policy is essential. What we need is creative syllabus, creative teachers and creative classrooms for value-based quality school education.

- **Higher education**- the higher education system has to focus on research and development at the university level. Instead of monitoring and control by agencies such as UGC and AICTE, we should allow higher educational institutions to compete internationally by setting their educational standards as per with world-class institutions so that they can be rated by independent agencies with a pool of eligible experts in the field on rotation. A minimum criteria may be set up for achieving excellence.

- **Research and development in Higher Education**- Removing red tapism and favouritism in higher education and research administration and management is of utmost importance. We need to empower universities, both governments funded and private, to promote research and enable them to improve research infrastructure. Establishing a National Research and Innovation Laboratory with access to all educational institutions at the state and central level is important. Incentives can also be provided to empower professors and students for research and development.

Good faculty attracts good research students. We need to attract a world-class research faculty by creating a world-class working environment, re-envisioning salary structures and providing accommodation in universities for possible collaborative international research projects. Universities should identify national challenges and direct their research towards finding innovative solutions. Every university should set up the PURA Cluster Research Centre for traditional research and development for local application for agriculture, industry and service sectors at the village level.

- **Healthcare services and Institutions**- More medical colleges should be allowed to start, provided they adopt government hospitals and invest in its infrastructure and health service and also adopt at least a hundred village PHSc(Public Health Centres) in their neighbourhood. Medical teaching may also be imparted through high-definition tele-education technology by a well –qualified faculty and a medical laboratory for practical applications may be tied up with government hospitals.

6) Skill and knowledge development through state-of-the-art skill training for the youth of the country is also needed. Programmes can be conceived where students from college across India would take-up a two-month summer internship programme in villages to enhance water and pond conditions and hygiene.
7) As for **women’s safety**, a value based education at the school level is essential to build respect towards women. He suggested some areas where the constituency development fund can be used. Women education is one of them. According to Dr. Kalam, ‘Education for girls needs the higher priority. Some of the major reasons why girls are not sent to school are the non availability of toilets and the distance of the school from the village. There are many schools with just a single room. MPs and MLAs can assist the existing school to improve infrastructure or start schools in the constituency with child-friendly infrastructure.

8) He visualized that good governance is identified by the way it is protective and responsive to the needs of the people and helps them lead to a life that is morally upright, intellectually superior, and leads to an enriched quality of life. This is possible by the acquisition of knowledge which will consequently lead to the overall enhancement of the quality of life of all Indian citizens. He felt that we need to evolve the societal grid-which comprises the Knowledge Grid, the Health Grid and the E-governance Grid- all feeding the PURA (Providing Urban Amenities to Rural Areas) Grid in order to achieve holistic development.

- **The Knowledge Grid** will bring appropriate knowledge democratically to all citizens, empowering them and thereby ensuring the establishment of a knowledge society.
- **The Health Grid** will ensure that the benefits of quality health care reach the needy people, enhancing the quality of life and increasing individual productivity, which, in turn, will help the nation develop faster.
- **The E-Goverrnance** will ensure transparency in government services, reaching all people uniformly, without any dilution of the quantum and the quality services. If these Grids help each other, then it will enhance the quality services of the PURA Grid, which connects 600,000 villages.

The nation can grow only by empowering its people to contribute in agriculture and industry in the service sectors. This is possible by empowering them financially, and by providing them with the requisite skill, knowledge and technology.

9) He was told that there are more than 900 government schools in Delhi during addressing the Principals and Teachers of Delhi Government Schools. He said that he was estimated each school would be catering about 300-400 children. Of course, given the constraints not every school can be equipped with a skill development lab. And for dealing with this situation he suggested to establish ‘Mobile Development Centers’. And for this he told that-

“One solution could be map schools with Skill and Training centers nearest to them where the students can be taken and given a short training every week for 1-2 periods in the academic calendar. These centers could be ITIs or polytechnics or private workshops and the electronic labs. Another way could be the start of mobile skill development labs across Delhi. These mobile vans, would be equipped with gadgets and hardware needed to conduct a skill development and vocational class for school going children and can
move from school to school, in a particular area. Each van will have ICT material and mechanical and chemical engineering set-up for training and with attached trainers. The vans can be given pre-defined schedule and coordinate with the school through mobile communication with the principals. One such van can cover 2 schools in a day, they can easily conduct class for 12 schools in a regular manner. Delhi has 70 MLAs, roughly there are 12-14 government schools in each constituency. Hence, if each MLA decides, to undertake the mission of setting up one such Skill Development Mobile Van in his or her constituency, we can cover the entire state of Delhi from the first year of operation itself. If such a system is implemented by the government with cooperation of schools, we can realize the mission of skilling our youth from the school level it-self and significantly improve the state of education in the National Capital region within the next 3-4 years. Also the educationists have to review the study materials in pre-schools and primary schools to offer introduction and inspiration to skills and their importance in life in general.” This educational idea of Dr. Kalam is published in a journal ‘Giving Light’ vol.7, 3 July 2015.

11) He suggested a policy to attain sustained peace and prosperity. He said that India should only work towards bringing sustainable peace and prosperity within its borders but also among its neighbours. India is the second largest democratic nation in the world and its democratic values have been tested for more than six decades. If Vision 2020 has to reap all the benefits of development, India has to see that all its neighbours, particularly the SAARC nations, have attained the peace and prosperity under the democratic system. Otherwise cross border Terrorism, Naxalism and Maoism will continue to threaten the very process of sustaining peace and prosperity. It is the responsibility of India to bring peace and prosperity in the subcontinent through democracy. He suggested that the SAARC nations work together in a way similar to the EU Parliament which works towards promoting regional peace and prosperity.

12) Dr. Kalam gave some suggestions, to accelerate the progress in India in an integrated manner so that by 2020, India can become a developed country with:

- Zero poverty
- 100 percent literacy
- Quality healthcare for all
- Value system embedded quality education for all
- Value added employment for every citizen consistent with education and professional skills.

Dr. Kalam said, ‘If we channelize our integrated efforts towards the development of India before 2020, then the growth of the nation is certain.’
My Emotional outburst………

This page is written by a scholar for whom Dr. Kalam was not merely a topic to analyze and write on, but a constant source of motivation and energy throughout the journey of her research work. (2011-2015). Some experiences of the researcher with Kalam Sir are shared with you all to express the tribute to Kalam Sir, in her own word come out directly from the heart of the researcher. Kalam Sir always said for writing our dreams and future plan or anything creative or innovative on a page; and the following page is written about the experiences of the researcher with Kalam Sir and after him.

‘ I was about to complete my final chapter and thereafter submit the research work in the Department of Education at the Integral University, Lucknow, UttarPradesh , when a sudden, big pause showed in my proceedings; and that was………a breaking news that flashed on the television screen in big, bold letters that our most beloved Dr. Kalam had passed away! It was all about the demise of Dr. Kalam due to a sudden cardiac arrest while he was delivering his speech at the Indian Institute of Management, Shillong, Meghalaya around 6:30 pm. My eyes froze and I could not feel my fingers for a moment. Everything seemed to come to a halt and it looked as if all my efforts and inspiration were rendered worthless. Gallons of tears rushed out from my helpless eyes. Despite the whole family consoling me, I knew somewhere in my heart that everything was over and now there was no need to complete the research work and not even get awarded with the honour of Ph.D, which was my sole dream .I was eagerly waiting for the moment when I would be called as Dr. Anshu Rupainwar instead of just Mrs. Anshu Rupainwar. But it was on that evening (July 27, 2015, at 8:00 p.m.) , I felt that all my zeal died with the demise of Kalam Sir. I put my pen down and kept all important papers and books aside on my study table. As a matter of fact, no further efforts were put in my research work for atleast the next ten days. I was worried about our country which had lost a true Indian national leader, a missionary scientist and a visionary social reformer, but first of all an autonomous teacher who never had guidelines to teach from his superiors. One day I saw my table and papers and the picture of Kalam Sir, projected on the cover page of one of his books, ‘Inspiring Thoughts’. Suddenly, I felt that Kalam Sir was motivating me to read that book. I just picked up the book and tried to read it. It was a turning point for me when I realized that I had made a blunder by not putting any efforts to accomplish my dream project; Because Kalam Sir always inspired us for doing hard work and to be a constant worker. Kalam, the voice of the youth, had once quoted…..’ Don’t declare a holiday on my Death, instead work an extra day If you love me.’ I again picked up my pen without losing a moment as I had already lost a big slot of time then. I was ready to complete my work with an unseen power of Kalam’s memories,
which was there to be my torchlight. During those days media had explored the personality of Dr. Kalam by publishing various incidents of his generosity and humanity. Going through all those bits, I felt that he was not only a determined missionary but he was also very kind hearted and compassionate as a human being. Today I feel fortunate to be a research scholar who is successfully working on the thoughts and ideas of Dr. Kalam. As Kalam Sir always loved students, I feel proud to be called as a student even at the age of 45!

**My interaction with Kalam Sir…..**

Today I feel proud and fortunate when I remember that beautiful moment on September 27, 2013, Moti Mahal, Lucknow. That was a moment when I was feeling more energetic and enthusiastic, because there was a news that Kalam Sir had reached that place, where we all were eagerly waiting for him. After some time he appeared, carrying an innocent smile on his face. His hairs were shining white and were telling the story of this experienced ‘Indian Missile Man’. I was worried, how to have an interaction with him. I was putting all my efforts to come out from the crowd to meet Kalam Sir. Suddenly, with God’s Grace, Kalam Sir was just before me. I had recollected all my powers and greeted…..”Good evening Sir, I am a research scholar of Integral University, and I want to give some details about my research work and I also want your permission to work on your teachings.’ He received my papers with a big smile and said, “O.K. God bless you”.

Then he delivered a beautiful lecture on education in which he especially mentioned about the importance of books and gave the suggestion to maintain a Home Library which could be started from just a dozen of them. That was a lecture which reactivated me to read more books on him and by him. I also purchased some more new books of him from the book stalls. On that day I also met with a publisher of Prabhat Publication, New Delhi, who had published many books of Kalam Sir. The publisher told me that previously Kalam Sir had denied many students for researching on him. That day I could not take a sound sleep and sat before my laptop and mailed Dr. Kalam. After sending number of mails, fortunately, on October 14, 2013, I received a mail from him. Finally, I got the message from his secretary Mr. R.K. Prasad that ended all my insecurities. I had got the authentic permission to analyze the thoughts and ideas of Dr. Kalam, through his books and other literature available in the market or on various websites. My happiness knew no bounds and I was excited to turn my initiative into reality.

**My personal experience; Source of Inspiration for the students……….**

I remembered the day when I was going to the Integral University to appear in my Pre-Ph.D examination. That day I did not know that I had no admit card which is mandatory to appear in the examination. My examination was scheduled at 2:00 p.m. and as the clock struck two, I realized that every examinee had an admit card which I did not. I rushed to my supervisor and told the situation. He advised me to appear in the same examination next year and it was the easiest solution given by him to minimize my
problem. But I was fully prepared for appearing in the exam that very day. I did not lose my hopes and rushed to Pro Vice-Chancellor’s office to get the permission for appearing in the examination. Pro Vice-Chancellor, Prof. T. Usmani Sir was a gentle man and gave me the permission. Then I rushed to the examination controller’s office to get the admit card. Finally I got a new admit card issued an hour later. I was late but I got special permission to appear in the examination. It was hard to believe for me that in the end I made it and passed the examination with good grades. I just want to tell you all that during all those rushing hours I was constantly repeating the single line of Kalam Sir and that was ‘I will fly’, that gave me inner strength not to give up in the middle of the journey. The moral of the whole incident is this; that Kalam Sir is always with us in his immortal lines. I wish that every student who has a touch and concern with Kalam’s Vision 2020 and contribute to accomplish it as after Kalam Sir it was our duty to fulfill his Dreams and Missions. I feel fortunate to be a part of his pupil army, who is constantly working to accomplish his dream by his/her own ways.

**My Future Mission….** To be an autonomous teacher, I will try my level best to convey the messages of Kalam Sir to forthcoming generations through moral and value based teachings.

‘Kalam Sir has gone but his mission will always go on.’- The researcher

**My Dream…….** Politics would only be as an aspect of our democracy, and sincerely wish that there should be no politics at any other level. Devoted work and honesty should only be the motto of everyone.

‘Don’t take rest after your first victory, because if you fail in second, more lips are waiting to say that the first one was just luck!!’

This thought of Kalam Sir is my source of inspiration, and I will fly…fly and fly and no one can stop me to reach at my desired destination.

Thank you Sir for being with us in your everlasting teachings.

**ANSHU RUPAINWAR**

*(THE RESEARCHER)*

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**You and Your Teachings are always with us SIR…..**

“I take an oath that I will incorporate his humble teachings in my life.”- The researcher.

The researcher felt that Kalam shone like the sun, and proved more than one son to his nation. As the researcher feels that, when you live, live like him; and when you die, die like him. The birthday of Kalam would be celebrated as “World Students Day” a proposal for the Government
of India, from the deepest site of the heart of the researcher. A humble request to the Government of India from the researcher as it will give happiness to youth and children of the whole world.

A MAGIC MOMENT OF RESEARCHER’S LIFE…..
(The researcher gave some research details to Kalam Sir, on 27 Sept.2013, at Book-Fair, held on Moti Mahal, Lucknow.)
NATION WILL ALWAYS REMEMBER LATE. DR. APJ ABDUL KALAM AND HIS CONTRIBUTIONS

After demise of Dr. Kalam, India gave tribute to him in following ways….  

❖ First of all we would like to thank Mr. Srijan Pal Singh, who was present with Kalam Sir at his last breath moment; and he gave full description of the last journey of Dr. Kalam. As we all wanted to know all these in details. His interaction with us through his writings from various media whether it was through newspapers or through internet. Srijan Sir, a true pupil of Dr. Kalam, will provide us moral support as we know that he will definitely with the students of our nation along with Kalam’s teachings.

❖ Number of his followers and pupils gave tribute to their Kalam Sir, by their writings in various newspapers and journals and other documents.

❖ Millions of youth and children and other popular personalities send tribute by E. mails, tweeter, Facebook and other social sites.

❖ By creating paintings, sculpture and other creations in memory of Kalam Sir, number of students and artist gave tribute to him.

❖ Govt. of India also done some developments in the name of Dr. APJ Abdul Kalam after his demise in following-

• ‘Wheelar Island’ is named as ‘Kalam Island’. (Economoc Times, by PTI 2 Aug. 2015)
• ‘Hypersonic BrahMos Missile’ named after Dr. Abdul Kalam. (IST, by Dr. Anantha Krishna M, Aug. 8 2015)
• ‘Rashtriya Avishkar Abhiyan’ named as ‘APJ Abdul Kalam Rashtriya Avishkar Abhiyan’ by Centeral Govt. of Madhya Pradesh, India.
• In Delhi, the State Government will name its scheme providing educational loan up to rupees 10 lhk after the former President APJ Abdul Kalam.
• ‘Gautam Buddha Technical University’, Lucknow, Uttar Pradesh, named after ‘Dr. Kalam as Dr. APJ Abdul Kalam Technical University’ on Sept. 18 2015. (Amar Ujala, Sept. 18 2015).
• ‘Shaheed Path’ is named as ‘Kalam Path’ in Lucknow, U.P. (Amar Ujala, Sept. 18 2015).
• Beside all above many more such developments are in process. UNO also declared Kalam Birthday, October 15, as ‘World Students’ Day’.
Thus, we lost Dr. Kalam only physically; his soul is always here with us in his teachings and all above developments will be always helpful in refreshing the memories of Dr. Kalam in future.

‘INSPIRATIONAL MEMORIES OF LATE DR. APJ ABDUL KALAM’

‘JAI HIND’
List of Publications:
