



E - NEWS LETTER

IITR ALUMNI ASSOCIATION

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

ROORKEE - 247 667 (UTTARAKHAND) INDIA



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JUBILEE ALUMNI FUNCTION

In the year 2015 IITR Alumni Association will organize Jubilee Alumni Meets as per the following schedule:

Silver (1990 Batch) Jubilee	November 07 & 08, 2015	Shri Vishnu Kant
Golden (1965 Batch) Jubilee	November 24 & 25, 2015	Prof. A. K. Mathur
Diamond (1955 Batch) Jubilee	November 24 & 25, 2015	Er. R. S. Agarwal
Ruby (1975 Batch) Jubilee	December 18 & 19, 2015	Er. Lalit K. Gupta
Coral (1980 Batch) Jubilee	December 18 & 19, 2015	Dr. S. K. Ghosh

66TH ANNUAL GENERAL BODY MEETING

66th Annual General Body Meeting (Agenda of the meeting Annexure) of IITR Alumni Association and felicitation of the Silver Jubilee Alumni will be held from 4.30 PM in O. P. Jain Auditorium, IIT Roorkee on Saturday, November 7, 2015. The AGBM will be followed by the Felicitation of Silver Jubilee Alumni. You are requested to kindly make it convenient to attend the meeting.

Tea will be served from 4:00 PM at rear side of the O.P. Jain Auditorium before the Meeting.

NEWS FROM LOCAL CHAPTERS

Kolkata Local Chapter

Alumni at Kolkata are in the process of formalising a Local Chapter. Small discussion groups have been formed. Alumni in the Indian Railways, constitute a large number.

NEWS FROM IIT ROORKEE

Shri Prashant Garg has taken over as the Registrar of the Indian Institute of Technology Roorkee on 15th June, 2015. He had joined the Institute in May 2003 having been at the IIT Delhi earlier. He is having a Master Degrees in Science and Management in the field of Physics and Public Administration respectively. He has a total about 27 years of teaching and administrative experience at the



Institutions of higher learning in India and abroad, out of which exclusive 19 years are in educational administration. He served in Rajasthan, Bhutan, Arunachal Pradesh, Delhi and is now working in IIT Roorkee for the last 12 years.

ALUMNI HEADING RAILWAY CORPORATIONS

Er. Mangu Singh

A 1979 Civil Engineering alumnus, Er. Mangu Singh Joined IRSE (1981) and DMRC (1997). He worked in various positions at the DMRC and was appointed as Managing Director in 2012.



Earlier he had contributed greatly in Project implementation of Calcutta Metro and helped Delhi Metro Rail Corporation in bringing about changes in style in large civil engineering project execution. He has vast experience and expertise in construction of underground structures in Urban Environment, and, introduced new technologies and innovative methods of construction of Metro tunnels and structures to achieve economy, safety, quality and speed of construction. Use of Shield Tunnel Boring Machines, New Austrian Tunneling Method were introduced for the first time in the country. Use of Diaphragm wall as part of permanent structure was also used for the first time in the country.

He was successful in getting the DMRC CDM (Clean Development Mechanism) projects registered with UNFCC

for carbon credits. This was for the first time in the world when a CDM project in Railway Sector was registered by UNFCC

Er. Mangu Singh was involved in the Implementation of Phase-I and Phase II of Delhi Metro with International standards of construction Management with least negative impact on environment and society. With his efforts DMRC was the first Metro Organization in the world to get ISO certification for environment during construction stage.

He has published regularly in national and International Journals/Conferences/Seminars and has been sharing his experience as an invited speaker at many national and International Seminars/Conferences.

Er. Mangu Singh is also involved in preparing the Master Plan and Detailed Project Reports for Delhi, Mumbai, Hyderabad, Bangalore, Chennai, Kolkata, Lucknow, Kochi, Jaipur, Ludhiana, Ahmedabad cities metro systems, and is truly following in the footsteps of the 'Indian Metro Man' Dr. E. Sreedharan. He has been elected a fellow of the Indian National Academy of Engineering.

Er. Rajendra Kumar Bhauguna

was born in the year 1959 in Almora district and graduated in Electronics & Communication from IIT/Roorkee (then University of Roorkee) in 1980. He started his career from Western Railway in January, 1982 as an IRSE officer and worked in various capacities. Besides his specialization in signaling and telecommunication he has also managed related fields i.e. HR, Finance, Material Management etc.. He was associated with commissioning of first Optical Fibre Cable link in Indian Railways in 1988. He managed signaling and telecommunication infrastructure in Mumbai suburban section & mainline and carried out number of improvements to ensure punctuality and reliability of suburban train operations, considered the life line of Mumbai. He introduced new technology in signaling, namely, Panel interlocking, Route relay interlocking, Automatic signaling etc. Likewise, OFC communication, digital exchanges, train control systems, train management system etc. were provided in the telecommunications domain.

After working for 20 years on Indian Railways he switched over to start RailTel Corporation to build telecom network for modernization of Indian Railways and also to support the telecom growth in the country in 2001. After building up Western Region of RailTel for 6 years he took over as Director/Network Planning & Marketing in October, 2007 and is now working as Chairman & Managing Director w.e.f. October, 2011.

It is his dedication and leadership that RailTel has entered into the exclusive club of Mini Ratna PSUs. It was under his vision and consistent efforts that RailTel was selected to



create NKN and National Optical Fiber Network reaching upto panchayats. He was also instrumental in taking the challenge of creating dedicated OFC network in north east states The Indian Institute of Technology Roorkee honored Rajendra Bahuguna with the Distinguished Alumnus Award on the Alumni Day, November 25, 2014

Er. Satish Chandra Agnihotri

passed B. E. (Civil) and M.E. (Structures) from the erstwhile University of Roorkee in 1982 and 1984, respectively. He was awarded the Sarojini Naidu Cup in 1982 by the University for being the best student in sports and studies. He started his career as maintenance engineer in Indian Railway Service of Engineers (IRSE) and is credited with raising the speed potential of Delhi- Kanpur section of Rajdhani route from 130 to 160 kmph in 1995.



After his successful stint in track maintenance, Er. Agnihotri moved to project implementation. He received specialized training in tunneling, maintenance of high-speed tracks, high output track machines etc. in USA and various countries in Europe and Asia. He then worked closely with several Members (Engineering) and Chairman Railway Board in shaping the policies of Indian Railways in general and Civil Engineering department in particular for 7 years, at a relatively young age of 40 years.

Er. Agnihotri has continually left his mark on every post he has held - as an engineer, a manager, a leader and a visionary. He presently heads Rail Vikas Nigam Ltd (RVNL), a PSU of Ministry of Railways. Since taking over as its CMD four years ago, he has revived the Company's sagging fortunes, earning laurels for enhancing its image for fast delivery of rail infrastructure projects in the country. Last year, nearly 40% of the doubling of rail track and railway electrification added to the Indian Railways were executed by RVNL.

Under his dynamic leadership, RVNL has accomplished some of the most technically demanding Railway projects in the country. A couple of examples are the longest railway bridge of Indian Railways in Kochi backwaters, constructed in 28 months, that was adjudged as the "pre-stressed concrete structure of the year" by Institute of Concrete, India in 2010 and, construction of important rail factories in only 15 to 18 months time. The Company is currently executing projects worth over Rs. 40,000 crore including extension of 66 km of the Kolkata metro network, a greenfield line between Rishikesh and Karanprayag in Himalayas etc. In recognition of surpassing physical and financial targets continuously year after year, Government of India has conferred the status of Mini Ratna on RVNL in 2013. In 2011, Satish Agnihotri was honored by Institution of Engineers (India) for his outstanding contribution to rail infrastructure development.

Er. Agnihotri has recently been appointed Chairman of the High Speed Rail Corporation of India Ltd., a subsidiary of RVNL, which is entrusted with the development of high speed corridors to allow bullet trains to move at 350 kmph.

The Indian Institute of Technology, Roorkee had honored Er. Satish Chandra Agnihotri, with the Distinguished Alumnus Award on the Alumni Day, November 25, 2013.

NEWS ABOUT ALUMNI

Er. Ravi Kant has recently been selected as the Director General of the prestigious 'Administrative Staff College of India', Hyderabad. He took charge on 1st March, 2015. He graduated from University of Roorkee in 1983 in Civil Engineering. He was awarded Gold Medal for the 'Best Engineering Design Project' and 'Best Passing out Student' award.



Dr. Prakash Chand Jain, an alumnus of IIT Roorkee and Eminent Scientist with Hyderabad based Defence Research & Development Laboratory (DRDL) has won the prestigious Dr Biren Roy Space Science and Design award. In a recently held function at Bangalore Governor of Karnataka, His Excellency Shri Vajubhai Vala has conferred the award. Dr Jain also an alumnus of IIT Bombay and BOYSCAST (DST) fellow from Pennsylvania State University USA is an highly accomplished and internationally known expert in the areas of Structures Technologies. He is Fellow of Aeronautical Society of India and The Institution of Engineers (India). Currently he is also associated with Indian Institute of Technology Delhi as AICTE INAE Distinguished Visiting Professor. Dr Jain has made significant contributions in the areas of Space Sciences through application to the country's flagship programs.



Er. Divakar Garg, obtained his civil Engineering degree with hons from University of Roorkee in the year 1977 and joined Central Engineering Service (Civil), CPWD in December 1978 as Assistant Executive Engineer (Civil). He assumed charge of the office of Director General, CPWD on 31.01.2015. Under his leadership, CPWD is continuing to function as a vibrant, proactive and responsive organization to meet the expectations of the users and clients.



INTO HISTORY

SIR GANGA RAM

Rai Bahadur Sir Ganga Ram Agrawal was born in 1851 in Mangtanwala, about 64 km from Lahore. His father,

Sri Doulat Ram Agrawal was a junior Sub inspector at a Police Station in Mangtanwala. In 1871, he obtained a scholarship to the Thomason College of Civil Engineering at Roorkee. He passed the final lower subordinate examination with a gold medal in 1873 and was appointed Assistant Engineer and called to Delhi to help in the building of the Imperial Assemblage.



SIR GANGA RAM

Sir Ganga Ram after a brief Service in Punjab P.W.D devoted himself to practical farming. He obtained on lease from Government 50,000 acres of barren, unirrigated land in Montgomery district, and within three years converted that vast desert into smiling fields irrigated by water lifted by a hydroelectric plant and running through a thousand miles of irrigation channels, all constructed at his own cost. This was the biggest private enterprise of the kind, unknown and unthought of in the country before. Sir Ganga Ram earned millions most of which he gave to charity. In the words of Sir Malcolm Hailey, the then Governor of Punjab, "he won like a hero and gave like a Saint". He was a great engineer and a great philanthropist.

In 1900, Ganga Ram Agrawal was selected by Lord Curzon to act as superintendent of works in the Imperial Durbar to be held in connection with the accession of King Edward VII. He finished the work at the Darbar managing its manifold problems and challenges. He retired prematurely from service in 1903.

He received the title of Rai Bahadur in 1903, and was appointed a Companion of the Order of the Indian Empire (CIE) on 26 June 1903 for his services at the Delhi Durbar. On 12 December 1911, in a special honours list after the 1911 Delhi Durbar, he was appointed a Member of the Royal Victorian Order (MVO). He was knighted in the 1922 Birthday Honours list, and on 8 July was personally invested with his honor at Buckingham Palace by the King-Emperor George V.

He designed and built General Post Office Lahore, Lahore Museum, Aitchison College, Mayo School of Arts, Ganga Ram Hospital Lahore, Lady Mclagan Girls High School, the chemistry department of the Government College University, the Albert Victor wing of Mayo Hospital, Sir Ganga Ram High School (now Lahore College for Women), the Hailey College of Commerce, Ravi Road House for the Disabled, the Ganga Ram Trust Building on "The Mall" and Lady Maynard Industrial School. He also constructed Model Town and Gulberg town, once the best

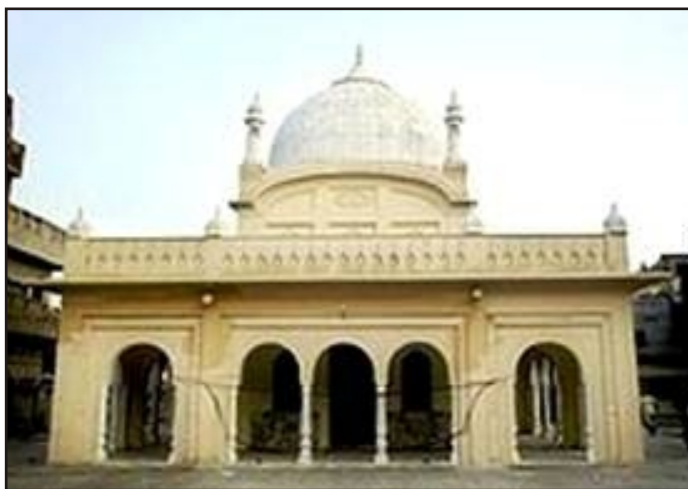
localities of Lahore, Power House at Renala Khurd as well as the railway track between Pathankot and Amritsar.

He became Superintending Engineer in Patiala State after his retirement, for the reconstruction of the capital. Amongst his works were Moti Bagh Palace, Secretarial Building, New Delhi, Victoria Girls School, the law courts and police station.

In Tehsil Jaranwala of district Lyalpur (now Faisalabad), Ganga Ram built a unique travelling facility, Ghoda Train (horse pulled train). It was a railway line from Buchiana Railway station (on Lahore Jaranwala railway line) to his village Gangapur. It remained in use for decades even after Independence. It was two simple trollies pulled on a narrow rail track with horse instead of railway engine. The same was resumed in 2010 by the Faisalabad District Authorities giving it a status of cultural heritage.

Sir Ganga Ram died in London on 10 July 1927. His body was cremated and his ashes were brought back to India. A portion of the ashes were consigned to Ganga River and the rest buried in Lahore on the bank of the Ravi River. His Samadhi was built after his death in 1927,

A marble statue of Sir Ganga Ram Agrawal once stood in a public square on Mall Road in Lahore. Famous Urdu writer Saadat Hasan Manto wrote a satire on persons who were trying to obliterate any memory of any Hindu in Lahore after



Samadhi of Sir Ganga Ram in Lahore

Pakistan came into existence. In his story "Garland" based on a true incident on the frenzy of religious riots of 1947, an inflamed mob in Lahore, after attacking a residential area, turned to attacking the statue of Sir Ganga Ram. They first pelted the statue with stones; then smothered its face with coal tar. Then a man made a garland of old shoes climbed up to put it round the neck of the statue. The police arrived and opened fire. Among the injured were the fellow with the garland of old shoes. As he fell, the mob shouted: "Let us rush him to Sir Ganga Ram Hospital" forgetting that ironically they were trying to obliterate the memory of the very person who had founded the hospital where the person was to be taken for saving his life.

The Sir Ganga Ram Hospital in Lahore, Pakistan was partially damaged in the blasts that destroyed a nearby Police Station on 27 May 2009. A very important contribution by Sir Ganga Ram is the Sir Ganga Ram Trust. The trust originally established a dispensary in Lahore which was later developed as a hospital and still exists in Lahore. Sir Ganga Ram Hospital was established in New Delhi in the year 1954. His home town in Punjab (Pakistan) is also named Gangapur in his memory.

University of Roorkee (IIT Roorkee) established Ganga Bhawan on 26 November 1957 in his honour.

Though he passed away over 80 years ago, there exist his memories, his great vision and efforts still intact in stone. He continues to be remembered and appreciated through his countless works in the service of humanity.

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Agenda for 66th Annual General Body Meeting of IITR Alumni Association

- Kulgeet
- Welcome address by Secretary
- Obituaries
- Welcome Speech - by Vice President

- 66.1 Confirmation of minutes of the 65th AGBM held on November 05, 2014.
- 66.2 Presidential Address by Prof. Prem Krishna, President.
- 66.3 Felicitation of Silver Jubilee Alumni (1990 Batch, B.Arch. 1991 batch)
- 66.4 Address by the Director, IIT Roorkee.
- 66.5 To consider Annual Report for the period from November 01, 2014 to October 31, 2015.
- 66.6 To consider the Audited Accounts for the period from April 1, 2014 to March 31, 2015.
- 66.7 To appoint the Auditor for the financial year 2015 – 2016.
- 66.8 To consider the Provisional Budget for the year 2016 – 2017.
- 66.9 Any other item with the permission of the Chair

- Vote of Thanks
- National Anthem