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LUCKNOW CHAPTER



23-24 अप्रैल 2022

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की फिनिश काव का
शुभारम्भ
नरेन्द्र मोदी





Kanpur Metro Project



Agra Metro Project

Kanpur & Agra Metro Project:

- Passenger services of Kanpur Metro train on priority section (from IIT to Moti Jheel) was inaugurated by Hon'ble Prime Minister Shri Narendra Modi on 28th December, 2021.
- Trial run for Priority section (from IIT Kanpur to Motijheel) was started by Yogi Adityanath, Hon'ble Chief Minister, Uttar Pradesh on 10th November, 2021.
- With the vision of 'Atmanirbhar Bharat', the coaches of Kanpur Metro are 'Made in India' and are being manufactured at Savli Plant in Gujrat.
- Civil construction of Agra Metro projects' priority corridor is continuing at a fast pace.
- First U-Girder was erected in a record time of just 11 months from the date of inauguration of the project.

Salient features of Lucknow Metro Project:

- The fastest constructed Metro Rail Project in the country.
- Lucknow Metro has a network of 21 Metro stations comprising 17 Elevated and 4 Underground stations covering a stretch of 22.878 km.
- Distinction for starting commercial operations for public on the 8.5 km Priority Corridor' from Transport Nagar to Charbagh on 5th September, 2017 in less than three years.
- With the commencement of revenue services on 8th March, 2019 for the entire 'North-South' Corridor (Phase 1A) from CCS Airport to Munshipulia, Lucknow Metro has set a new benchmark among all the Metro projects across the country by achieving the landmark before the target date.
- Provides state-of the art, modern, world class facilities and infrastructure.
- Ensures that its metro operations are environmentally sustainable, viable and eco-friendly in line with its vision of 'Green Metro-Clean Metro'.
- Lucknow Metro Rail Corporation is now Uttar Pradesh Metro Rail Corporation (UPMRC) and implementing Metro projects in important cities of Uttar Pradesh like Kanpur and Agra.

Awards :

- 'National Energy Conservation Award, 2021 & 2019' by Bureau of Energy Efficiency (BEE), Ministry of Power, GOI.
- Lucknow Metro registered its name in the 'Limca Book of Records' for completing the construction of underground metro station of CCS Airport in just 19 months, 10 days.
- Lucknow Metro adjudged as the 'Green Mobility Project' of the Year in the Rail Infra and Mobility Business Digital Awards, 2020.
- 'Best Mass Rapid Transit System' at the 12th Urban Mobility India Conference, 2019.
- International 'Royal Society for the Prevention of Accidents (RoSPA)' Gold Award, 2019.
- 'Adoption of Green Solution for Metro Projects in India' at Rail Analysis Innovation and Ultratech Award for outstanding concrete structure, 2019 Excellence Summit, 2019.
- 'International Safety Award, 2019 from British Safety Council in the Project/Infrastructure category.
- Indian Green Building Council (IGBC) Green MRTS Platinum Rating for all the 21 Metro stations of North-South corridor.
- ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 certified organization.



Uttar Pradesh Metro Rail Corporation Ltd.
(A Joint Venture of Govt. of India & Govt. of U.P.)
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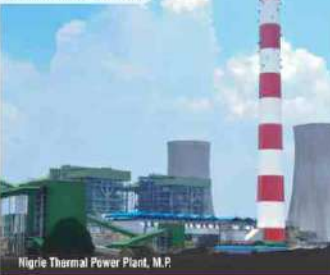
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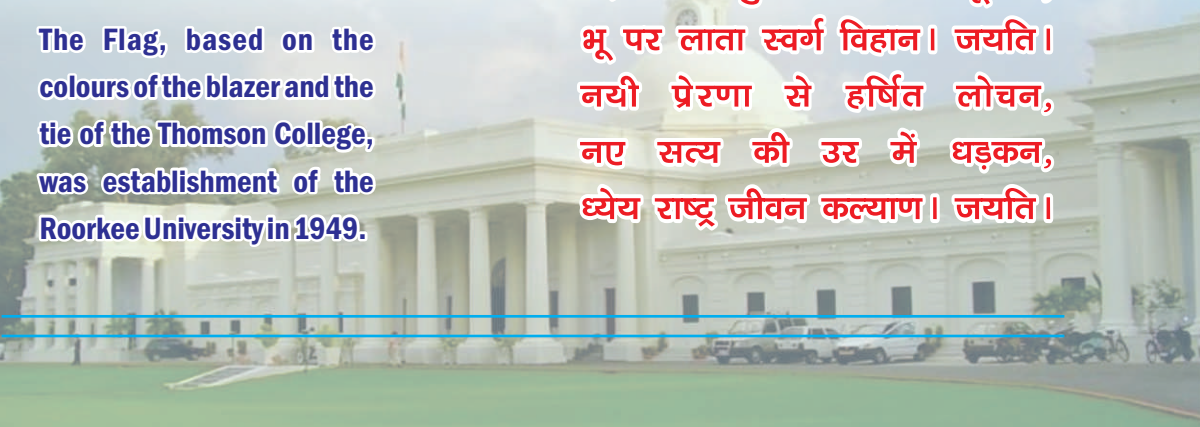
The Flag, based on the colours of the blazer and the tie of the Thomson College, was establishment of the Roorkee University in 1949.

कुलगीत

जयति जयति विद्या संस्थान,
हिम गिरि श्रृंगों में अभिनंदित
गंगा जल करते कल गान।
जयति जयति विद्या संस्थान,

शिक्षा आदर्शों में उन्नत,
जीवन शिल्पी भू रचना रत,
'श्रमं बिना न किमपि साध्यं' व्रत,
यन्त्र कला कौशल अभियान। जयति।
जन जीवन प्रासाद उठाकर,
सेतु बाँध से भू खण्ड जुड़ाकर,
अंतरिक्ष में यान उड़ाकर,
नव युग को देता आह्वान। जयति।

सृजन हित जीवन नित अर्पित,
धरा स्वर्ग शोभा कर निर्मित,
वैज्ञानिक युग पट में मूर्तित,
भू पर लाता स्वर्ग विहान। जयति।
नयी प्रेरणा से हर्षित लोचन,
नए सत्य की उर में धड़कन,
ध्येय राष्ट्र जीवन कल्याण। जयति।





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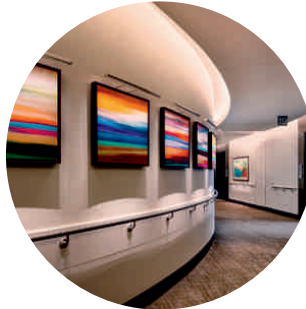
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13 अप्रैल, 2022

सन्देश

मुझे यह जानकर अत्यन्त प्रसन्नता हुई कि रुड़की विश्वविद्यालय की स्थापना के 175 वर्ष पूर्ण हो रहे हैं और इस अवसर पर भारतीय प्रौद्योगिकी संस्थान रुड़की एलुमिनाई एसोसिएशन, लखनऊ चैप्टर 23-24 अप्रैल, 2022 को लखनऊ में विश्वविद्यालय के प्रथम विश्वस्तरीय अधिवेशन का आयोजन कर रहा है तथा इस अवसर पर एक स्मारिका का प्रकाशन भी किया जा रहा है।

मुझे खुशी है कि आई.आई.टी. रुड़की के पूर्व छात्रों द्वारा देश एवं प्रदेश की विभिन्न तकनीकी प्रगति को समृद्ध करने में योगदान देने के साथ ही विभिन्न सामाजिक हितों के कार्यों को भी किया जा रहा है।

मैं अधिवेशन के सफल आयोजन तथा स्मारिका प्रकाशन हेतु अपनी हार्दिक शुभकामनाएं प्रेषित करती हूँ।

आनंदीबेन
(आनंदीबेन पटेल)



Uttar Pradesh Metro Rail Corporation Ltd.

(Formerly Known as Lucknow Metro Rail Corporation Ltd.)

LUCKNOW METRO

City's Pride

Lucknow Metro has become the lifeline for Lucknowites by providing a safe, secure, fast, cost effective, convenient, hassle & barrier free and eco-friendly mode of Mass Rapid Transit System of urban transportation.

Salient features of Lucknow Metro Project:

- The **fastest constructed Metro Rail Project** in the country
- Lucknow Metro has a network of **21 Metro stations** comprising 17 Elevated and 4 Underground covering a **stretch of 22.878 km**
- Distinction for starting commercial operations for public on the 8.5 km 'Priority Corridor' from Transport Nagar to Charbagh on **5th September, 2017 in less than 3 years**
- With the **commencement of revenue services on 8th March, 2019** for the entire 'North-South' Corridor (phase 1A) from CCS Airport to Munshipulia, Lucknow Metro has set a new benchmark among all the Metro Projects across the country by achieving the landmark before the target date
- Provides state-of-the-art, modern, world class facilities and infrastructure
- Ensures that its metro operations are environmentally sustainable, viable and eco-friendly in line with its vision of 'Green Metro-Clean Metro'
- Uttar Pradesh Metro Rail Corporation (UPMRC) comprises all the Metro Rail Projects like Kanpur, Agra, etc.



Uttar Pradesh Metro Rail Corporation Ltd.

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Administrative Building, Near Dr. Bhimrao Ambedkar Samajik Parivartan Sthal
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योगी आदित्यनाथ



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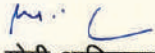
दिनांक : 16 APR 2022

संदेश

मुझे यह जानकर अत्यन्त प्रसन्नता की अनुभूति हो रही है कि आई0आई0टी0 रुड़की एल्युमनी एसोसिएशन, लखनऊ चैप्टर द्वारा दिनांक 23/24 अप्रैल, 2022 को लखनऊ में 'उल्लास' ग्लोबल थोमसो 175 का आयोजन किया जा रहा है।

विद्यार्थियों को गुणवत्तापरक तकनीकी शिक्षा प्रदान करके आई0आई0टी0 रुड़की प्रदेश व देश के उत्तरोत्तर विकास में महत्वपूर्ण योगदान कर रहा है। वर्तमान में भारत अपनी आजादी का अमृत महोत्सव मना रहा है। सुखद संयोग है कि इस ऐतिहासिक कालखण्ड में यह संस्थान अपनी स्थापना के 175 वर्ष पूर्ण होने का गौरव प्राप्त कर रहा है। संस्थान द्वारा राष्ट्र की सेवा के 175 वर्ष पूर्ण किए जाने के अवसर पर 'उल्लास' ग्लोबल थोमसो 175 का आयोजन एक सराहनीय प्रयास है। मुझे आशा है कि इस कार्यक्रम में सार्थक विचार-विमर्श किया जाएगा।

आयोजन की सफलता हेतु मेरी हार्दिक शुभकामनाएं।


(योगी आदित्यनाथ)



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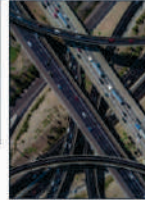
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दिनांक : 19.04.2022

संदेश

मुझे यह जानकर हार्दिक प्रसन्नता हुई है कि भारतीय प्रौद्योगिकी संस्थान रुड़की एलुमिनाई एसोसिएशन द्वारा आई.आई.टी रुड़की के 175वें स्थापना दिवस के उपलक्ष्य में दिनांक 23/24 अप्रैल 2022 को प्रथम विश्वस्तरीय अधिवेश "उल्लास" का आयोजन लखनऊ में किया जा रहा है।

अपनी स्थापना के बाद से इस संस्थान ने देश की तकनीकी विकास की प्रक्रिया में अपना अभूतपूर्व योगदान दिया है। संस्थान के पास इस देश की विशाल प्रतिभा को पोषित करने और उन्हें दुनिया की सर्वश्रेष्ठ वैज्ञानिक एवं तकनीकी शिक्षा प्रदान करने का गहरा अनुभव है।

मैं कार्यक्रम से जुड़े सभी आयोजकों को अपनी शुभकामनायें प्रेषित करता हूँ तथा इसके सफल आयोजन की कामना करता हूँ।

शुभकामनाओं सहित।

(राजनाथ सिंह)



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Hkonh; k]

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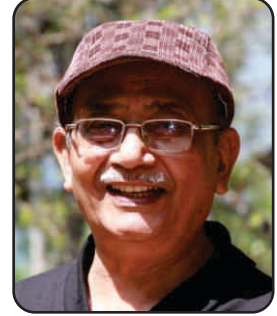


सम्पादकीय

उत्सव... स्थापना के 175वें वर्ष का

माननीय राज्यपाल, दूर-दूर से आये हमारे अतिथिगण एवं हमारे सभी सदस्यों का आईआईटी रुड़की के 175वें वर्ष के 'उल्लास' समारोह में भरपूर स्वागत एवं अभिनंदन है। हम आपके आभारी हैं कि आप आये।

'श्रमम बिना न किमपि साध्यम' अर्थात् श्रम के बिना कुछ प्राप्त नहीं होता। यह हमने तब सीखा था जब हम सफेद कमीज़, सफेद पैन्ट और काले जूते पहनकर उस महान यूनिवर्सिटी में गये थे। किंतु यह जीवन के अनुभव बता रहे हैं कि सतत साधना एवं श्रम हमें कहाँ से कहाँ पहुंचा देता है। वर्ष 1841 में सर्वे - प्रशिक्षण संस्थान के रूप में लगाया गया एक छोटा सा पौधा आज तकनीकी शिक्षा के प्रसार का वटवृक्ष बन गया है। 175 वर्षों की निरंतर साधना ने इसे तकनीकी ज्ञान के प्रसार की गंगा बना दिया है। कितने विशेषज्ञ, कितने वैज्ञानिक, कितने प्रशासनिक अधिकारी, कितने सेना अधिकारी, कितने नये आंत्रप्रन्योर, इस संस्थान की देन हैं? कितनी सड़कें, कितने पुल, कितनी इमारतें, कितनी रेलें, कितने जहाज, कितने कल कारखाने इसकी देन हैं? आज प्रगति के नाम पर हम जहाँ भी, जो कुछ भी हम देखते हैं हमें हमारे इस संस्थान की छवि दिखाई देती है, जिसे हम आज आईआईटी रुड़की कहते हैं।



आइये आज हम समस्त एल्यूमनी, अपने इस संस्थान के 175वें वर्ष का उत्सव मना कर विश्व के विकास में इसके योगदान को नमन करें। आइये हम सब मिलकर निश्चय करें कि इस संस्थान से निरंतर संबंध बनाकर रखेंगे एवं इसके सहयोग से अपनी पृथ्वी, जिस पर हम जी रहे हैं, को धरा से वसुंधरा बनाने में अपना भरपूर योगदान प्रदान करेंगे। आईआईटी रुड़की एल्यूमनी एसोसिएशन, लखनऊ चैप्टर को इन आयोजनों का शुभारंभ करने का अवसर प्राप्त हुआ, हमें इसका गर्व है।

अपने प्रयासों को स्मरणीय बनाने एवं अपनी कृतज्ञता को अभिव्यक्त करने के लिए हम इस स्मारिका का प्रकाशन कर रहे हैं जिसे मूर्त रूप देने में हमारे विज्ञापन दाताओं, संदेश भेजने वाले शुभचिंतकों, वर्तमान आईआईटी रुड़की की पुरानी यादों के चित्रों एवं अपने लेखों को भेजने वाले सदस्यों ने भरपूर सहयोग दिया है। इस स्मारिका में हम लखनऊ चैप्टर के विभिन्न जुबली बैच के सदस्यों का सचित्र बायोडाटा एवं सभी सदस्यों की डायरेक्टरी भी प्रकाशित कर रहे हैं।

इस आशा के साथ कि यह स्मारिका आपके लिए रोचक, ज्ञान वर्धक एवं उपयोगी सिद्ध होगी।
सादर...

फिर मिलेंगे।

आपका

के.के. अग्रवाल

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Message of President, Lucknow Chapter

Respected seniors, my colleagues and dear younger fellow Alums Cheers!!!

It is a matter of great pride that our Alma Mater has entered its 175th year of existence and the year long celebrations are proposed all over the world organised by local chapters spread over the world wide spectrum of Alums.

I feel privileged to organise this first meet at Lucknow by Lucknow chapter on behalf of IITRAA.

Lucknow chapter having vast alumni base is one of the largest chapters across the Globe.

Chapter carries its activities continuously on Technical issues of public interest and Social activities through its wing "RASI" - Roorkee Alumni Social Initiative.

Lucknow Chapter is first to launch priority and discounted medical services to its senior alumni and their families by empaneling leading hospitals and diagnostic centers of Lucknow.

Lucknow chapter is taking new initiatives in the field of education too.

Lucknow chapter believes in "giving back culture" to our Alma mater and society.

I am indebted to our respected seniors who have crafted the harmonious ways and have evolved the sense of brotherhood amongst we all guiding us to move in disciplined manner and maintaining all the ethics of profession and social relations.

I, being the president of the chapter, feel proud in carrying forward this legacy.

Regards,



Anuj Varshneya

President

IITRAA Lucknow Chapter

Mob: 9839022848



सचिव का संदेश

आई०आई०टी० रुड़की एलूमनी एसोसिएशन लखनऊ चैप्टर, 700 से भी अधिक सदस्यों के साथ हमारे अल्मा मैटर का सबसे बड़ा एवं एक्टिव चैप्टर है। साल दर साल इस चैप्टर में अनेक समारोह निरन्तर आयोजित किये जा रहे हैं। पिछले दो वर्षों में कोविड के कारण हम लोग आपस में नहीं मिल पा रहे थे, तब भी ऑनलाइन कार्यक्रम इस चैप्टर द्वारा संचालित होते रहे, जिससे कि एलूमनी एक-दूसरे से जुड़े रहे और सकारात्मक ऊर्जा व्याप्त रही।



नवम्बर 2021 में इंजीनियर अनुज वाष्पेय के नेतृत्व में नई कार्यकारिणी के गठन के साथ-साथ हम अपने अल्मामैटर के 175वें साल में प्रवेश कर चुके हैं। इस वर्ष सम्पूर्ण विश्व में प्रत्येक चैप्टर द्वारा उत्सव मनाया जायेगा, इसी कड़ी में लखनऊ चैप्टर द्वारा 'उल्लास', ग्लोबल थामसो '175' का आयोजन 23 व 24 अप्रैल 2022 को किया जा रहा है, जिसमें देश-विदेश के कई एलूमनी सदस्य भाग ले रहे हैं। इस समारोह का उद्घाटन माननीय राज्यपाल महोदया श्रीमती आनन्दी बेन पटेल द्वारा किया जायेगा।

'उल्लास' के अन्तर्गत दो तकनीकी संगोष्ठी आयोजित की जा रही हैं, जिसमें विशेषज्ञ अपनी राय रखेंगे। एक छात्र प्रतियोगिता का भी आयोजन किया गया है, जिसमें उत्तर प्रदेश के इंजीनियरिंग कॉलेजों के छात्र भाग लेंगे। थीम पवेलियन में रुड़की के 175 साल की फोटो झांकी प्रदर्शित की जायेगी। 'हाल आफ फेम' के अन्तर्गत कुछ महत्वपूर्ण सफल एलूमनी को सम्मानित भी किया जायेगा।

लखनऊ चैप्टर का रंगारंग प्रोग्राम एक अलग ही महत्व रखता है जिसमें एलूमनी और उसके परिवार वालों द्वारा एक सांस्कृतिक संध्या प्रस्तुत की जाती है।

इसके साथ हेरिटेज टूर का भी कार्यक्रम रखा गया है जिसमें लखनऊ की तहजीब एवं ऐतिहासिक इमारतों से 'रूबरू' कराया जायेगा।

मैं, 'उल्लास' ग्लोबल थामसो 175 में आपका हार्दिक स्वागत एवं अभिनन्दन करता हूँ।

vt; JhokLro
I fpo



संदेश

भारतीय प्रौद्योगिकी संस्थान रुड़की जिसकी स्थापना सन् 1847 में कॉलेज ऑफ सिविल इंजीनियरिंग के नाम से हुई थी, आज आई0आई0टी0 रुड़की के नाम से जाना जाता है व भारत का प्रमुख प्रौद्योगिकी संस्थान है।

आई0आई0टी0, रुड़की गुणवत्तापूर्ण तकनीकी शिक्षा एवं अनुसंधान का प्रमुख केन्द्र है जो विश्व विख्यात है।



मेरा सौभाग्य रहा कि सन् 1948 में मेरा चयन थॉम्सन कॉलेज ऑफ इंजीनियरिंग में हुआ और दो वर्ष की शिक्षा के बाद सन् 1950 में यूनिवर्सिटी ऑफ रुड़की से सिविल इंजीनियरिंग का डिप्लोमा मिला।

यहाँ की पढ़ाई व ईश्वर की कृपा से मैंने और मेरे सहयोगियों ने सन् 1950 से अब तक राष्ट्र की महत्वपूर्ण परियोजनाओं :-

बेतवा नदी पर माता टिला डैम, गंगा नदी पर ऋषिकेश बैराज, भागीरथी नदी पर टिहरी रॉकफिल डैम, गुजरात में नर्मदा नदी पर सरदार सरोवर डैम एवं देश की विभिन्न प्रमुख नदियों पर 12000 मेगावाट हाइड्रो पावर प्रोजेक्ट्स, 3700 मेगावाट थर्मल पावर प्रोजेक्ट्स, 150 किलोमीटर से ज्यादा भूमिगत पावर हाउस सुरंगें, 165 किलोमीटर 6-लेन यमुना एक्सप्रेसवे, 5 किलोमीटर विश्वस्तरीय फार्मूला-1 रेस ट्रेक, 135 किलोमीटर 4-लेन वाराणसी-गोरखपुर राष्ट्रीय राजमार्ग बनाने एवं विदेश में - ईराक, भूटान व नेपाल में भी कार्य करने का सौभाग्य प्राप्त हुआ।

फलस्वरूप इस गौरवशाली संस्थान में मुझे (2005 से 2009 तक) 5 वर्ष कार्य करने का अवसर मिला।

175 वर्षों से गुणवत्तापूर्ण तकनीकी शिक्षा प्रदान करने में इस संस्थान का विशेष योगदान रहा है। इसको सदैव भारत में ही नहीं अपितु पूर्ण विश्व में एक महान संस्थान के रूप में जाना जाता है। इस अद्भुत योगदान के लिए मैं आई0आई0टी0 रुड़की व यहां से शिक्षित सभी साथियों को हार्दिक बधाई देता हूँ व आपके स्वस्थ और खुशियों भरे लम्बे जीवन की कामना करता हूँ।

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175 Years of Glorious journey our Alma mater, IIT Roorkee, Lucknow Chapter, 23- 24 April 2022

My Dear Alumni members of IITRAA Lucknow Chapter, Warm Greetings to you and your family members. Trust you are in good health and doing well in your respective fields.

Congratulations and huge complements to Shri Anuj Varshney, President IITRAA, Lucknow chapter and the entire team of diehard Alumnus Fraternity to take the initiative and host this first global event to celebrate 175 years of glorious journey of our Alma mater, IIT Roorkee. Being the global President of IITR Alumni Association, it is an honour for me to represent such a vast and diverse community, probably one of the largest among all the IITs of India. It is my duty to maintain and enhance the prestige and heritage of our institute and the legacy of an equally respected Alumni Association. I am happy that Lucknow chapter has taken the lead to show case our unique traditions, commitment towards each other and strong emotional bond that we have with our Alma mater.



I am fortunate to inherit a very strong global alumni base of almost 42,000 widely respected and highly experienced members with diverse backgrounds. Recently IITRAA has initiated large number of measures to expand the database, global reach, by holding of webinars involving large number of Alumni and have constituted committees to work towards the welfare of the alumni and their family members through the Alumni Corpus Fund. We have also recently amended our IITRAA Bye laws to meet aspirations of our Alumnus Fraternity globally and have launched a new Website to integrate our vast Alumni network

The Year 2021-22 has been a significant one for our Alma Mater too, as the University of Roorkee, now the Indian Institute of Technology has entered its 175th Year on its Foundation Day – 25th Nov. 2021. This is a rare moment in the history of technical education in India. Very few technical educational institutions in the world have been able to maintain a high standard of education for such a long time. The IITR Alumni Association, a body of our prestigious alumni, established in the year 1940, also completes 81 years of its existence this year. Therefore, every Alumnus of this great Institution is full of enthusiasm and resolve to contribute his bit for the wellbeing of the fellow Alumni, the students and society at large.

I, on behalf of Team IITRAA, once again congratulate the IITRAA Lucknow Chapter for taking the initiative to provide a wonderful platform to interact, share their experiences and recount old memories of togetherness of formative times.

I wish this global meet a huge success.

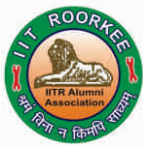
With loads of good wishes and warm regards to each one of you,

Lt. General Vishwambhar Singh

AVSM, VSM, Veteran Distinguished

Alumnus & President,

IIT Roorkee Alumni Association.



DINESH SINGH PAWAR
SECRETARY
IIT Roorkee Alumni Association



It is indeed a great pleasure to see that the IIT Roorkee Alumni Association- Lucknow Chapter is celebrating **175 yrs. Amrit Mahotsav of its Alma mater.**

IIT Roorkee Alumni Association has been playing an important role in cultivating a feeling of a fraternity, brotherhood, friendship and oneness amongst our former students; and these bonds are further enriched and strengthened through the various chapters that the association has established. Our Lucknow chapter has been one of the frontrunners to achieve the same.

Our Alumni have added fame, dignity and lustre to the alma mater by their excellence and innovative spirit in varied and diverse fields encompassing the entire fabric and national development.

Wishing great success to the **Amrit Mahotsav** celebration of IIT Roorkee, and to all members of IITRAA Lucknow Chapter and hoping that all Thomsonians will continue to guard zealously the high reputation of our beloved **Alma mater.**

Roorkee

DINESH SINGH PAWAR

07 April, 2022

SECRETARY IITRAA



Dr. Achal Mittal
Vice President
IIT Roorkee Alumni Association



The Celebration of the 175th Year of our Alma Mater is a unique opportunity to showcase our strength, to make this occasion memorable, and to represent the global strength of the outstanding and prestigious alumni of IIT Roorkee. The IITR Alumni Association, a body of our prestigious alumni, established in the year 1940, also completes 81 years of its existence this year.

Therefore, I on behalf of Team IITRAA, congratulate the IITRAA Lucknow Chapter for taking the initiative to provide a wonderful platform to all the Alumni to participate whole-heartedly in the jubilations and to organize such a wonderful event marking the celebrations of this historic year.

I wish them all the success on behalf of IITRAA and may we continue to work together along with all the other IITRAA Local Chapters towards attaining the vision of IITRAA successfully.

Roorkee
07 April, 2022

Dr. ACHAL MITTAL
VICE-PRESIDENT
IITRAA



Uttar Pradesh Metro
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MESSAGE

Being an alumnus of IIT ROORKEE, I feel great pleasure and pride for sharing a strong association with this institution of eminence. IIT ROORKEE is not just an institution but it is a centre of excellence which plays an important role in molding our professional approach. I extend my heartiest wishes for completing its successful journey.

IIT ROORKEE is dedicated towards providing the world class knowledge to the students and thus gives the much needed impetus to produce the technocrats of flawless stature. These technocrats have been serving globally with their competence and acumen. This immaculate knowledge provided by IIT ROORKEE has been instrumental in elevating the thought process of students.

It is indeed a great occasion and I am happy that IIT Roorkee is publishing a souvenir enriched with knowledge, glimpses of achievements and the contribution towards humanity. I strongly believe that this souvenir will serve all those people have strong inclination towards the institution and get inspired from the articles prepared by the eminent personalities.

I would like to convey my best wishes to IIT ROORKEE ALUMNI ASSOCIATION for this souvenir and all their future endeavors.

Kumar Keshav

Managing Director

Uttar Pradesh Metro Rail Corporation Ltd



IIT Roorkee Heritage Foundation (IITRHF)
www.iitrhf.org
43626 Skye Road, Fremont, CA 94539 USA

MESSAGE ON BEHALF OF IITRHF TEAM

It is with great pleasure that I welcome all the participants to this 175th year celebration of Alumni Meet in Lucknow. This unique meet will be remembered as the event that galvanized the energy and resources of Roorkee alumni all over the world, setting a working platform for the creative missions and goals to give IIT Roorkee alumni a clear edge in global marketplace.



This conference brings together a formidable group of IIT Roorkee alumni. Such a mammoth task would not be possible without the leadership of Lt. General Vishwambhar Singh; passion and countless hours of many volunteers; the support of corporate and individual sponsors; and willingness of many speakers.

As Founder, Board Member and Chair Outreach and Development of IITRHF, I want to thank all stakeholders who have made this enriching experience possible, and I hope we will continue this alumni-bonding event every year.

With regards,

Harish Goyal, Distinguished Alumnus 2009
Tel: +1 (408) 835-7546
email: harish.goyal@iitrhf.org
Website: www.iitrhf.org



Ooms India congratulates IIT Roorkee on successful completion of marvelous 175 years



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माननीया राज्यपाल, उत्तर प्रदेश



जीवन परिचय

श्रीमती आनंदी बेन मफतभाई पटेल वर्तमान में उत्तर प्रदेश के राज्यपाल के पद पर आसीन हैं। इससे पूर्व आप 30 जून 2020 से 6 जुलाई 2021 तक मध्य प्रदेश एवं 23 जनवरी 2018 से 29 जुलाई 2019 तक छत्तीसगढ़ के राज्यपाल के रूप में भी कार्य कर चुकी हैं। आप वर्ष 1987 से भारतीय जनता पार्टी की सक्रिय सदस्य हैं। आप 1994 से 1998 तक केंद्र में राज्य सभा की सदस्य रहीं। 1998 से वर्ष 2016 तक आप निरंतर गुजरात विधानसभा की सदस्य रहीं। 22 मई 2014 से 7 अगस्त 2016 तक आप गुजरात की मुख्यमंत्री के पद पर रही। आपको गुजरात राज्य की पहली महिला मुख्यमंत्री होने का गौरव प्राप्त है।

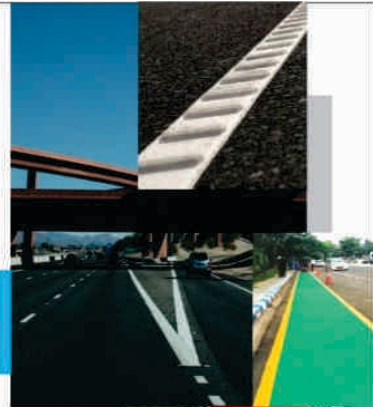
आनंदी बेन का जन्म 21 नवम्बर 1941 को विजापुर तालुका के खरोद गांव में एक पाटीदार परिवार में हुआ था। आपने वर्ष 1960 में विज्ञान विषयों से ग्रेजुएशन किया। तदोपरांत आपने कुछ वर्षों तक शिक्षण कार्य किया। इस अवधि में आपको कई सम्मान प्राप्त हुये।

हम माननीया राज्यपाल महोदया का स्वागत करते हैं।



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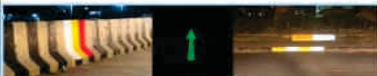
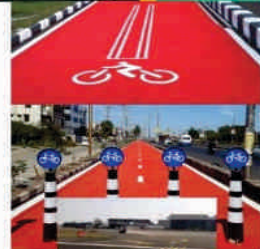


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ALMA MATER





Indian Institute of Technology Roorkee

Madhav Saxena

Elect. (1972)

Roorkee has almost been a Mecca for Indian Engineers for more than a century and a half. It is not just an institution par excellence, involved in technical education; it has gradually developed an enduring, unique and irresistible personality, that makes an indelible impression on all its alumni. In India today, one can find many institutes of engineering and technology of standards, comparable to Roorkee, but very few have comparable history.



Roorkee started as an idea propounded by Colonel Cautley, for training civil engineering manpower to meet the requirements of Ganga Canal; it was turned into Roorkee College by James Thomson. The College was later renamed as Thomson College of Civil Engineering and has the unique distinction of being the oldest engineering institution of India. It was renamed University of Roorkee in 1949 and later became IIT Roorkee in 2001. The institution has 22 academic departments, covering Engineering, Architecture, Applied Sciences, Humanities & Social Sciences and Management programs with an emphasis on scientific and technological education and research.

Campus

IIT Roorkee has an imposing main campus spread over an area of 365 acres. The IIT also has a separate campus in Saharanpur which offers courses in Polymer Science, Process Engineering, Paper Technology & Packaging Technology. In addition to this, a new ten-acre campus has been established in Greater Noida, which has software laboratories, a library a computer center etc.



View of IIT Roorkee Admin Building



Departments and Centers

IIT Roorkee is one of the biggest technical institutions in the country having the largest number of academic units. It has 21 academic departments covering engineering, applied sciences, humanities & social sciences, and management programmes, 1 academic centre, 3 centres of excellence, 5 academic service centres and 3 supporting units.



Department of Architecture & Planning



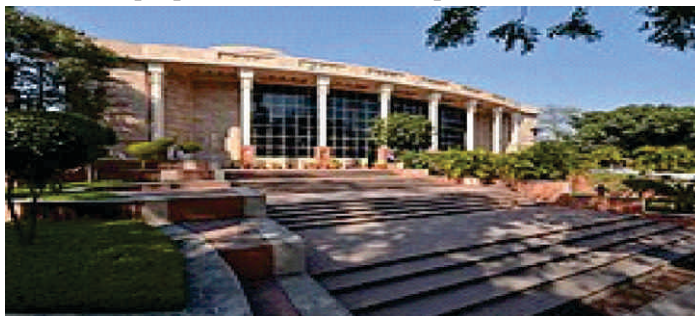
Computer Centre

Academics

Currently IIT Roorkee offers academic programmes in Engineering, Technology, Applied Sciences, and Management. It runs eleven undergraduate (UG), one integrated dual degree, sixty one postgraduate (PG) and several doctoral programmes.

Internationally, IIT Roorkee was ranked 387 in the QS World University Rankings of 2021. The same rankings ranked it 90 in Asia in 2020 and 47 among BRICS nations in 2019. In India, it was ranked sixth among engineering colleges and ninth overall, and the Department of Management Studies ranked 12th among management schools in India by the National Institutional Ranking Framework in 2020.

An ISO 9001:2008 certified academic service centre in 2015, The Mahatma Gandhi Central Library finds a unique place in the academic spectrum of the institute



Mahatma Gandhi Central Library

Major research activities are conducted at the department level, as well as under the central office of Sponsored Research and Industrial Consultancy (SRIC). Major research



fundings are awarded by several ministries and departments of the Government of India.

Academic Collaboration

IIT Roorkee's contribution towards the international community in science and technology include the courses and training programs run for developing countries. Every year students from more than 50 countries join IIT Roorkee for full-time or short-term training courses. In 1955 the department of Water Resources Development and Management (WRDM) was established as an Asian African Centre to honour India's commitment at the Asian African Conference held in Bandung. The department has so far trained nearly 2500 in-service engineers and agricultural scientists from 48 countries including India.

Student life

Most students live in the hostels, where extracurricular activities complement the academic routine. Historically Roorkee has placed great emphasis on sports and cultural activities and boasts of elaborate sports facilities and infrastructure.

Students conduct four fests every year: Cognizance (technical festival), Thomso (cultural festival), Sangram (sports festival) and National Social Summit (social festival). The first edition of Thomso, the institute's annual cultural festival was held in 1982

There are a number of student groups on the campus, which support overall growth of all round personality of the students and providing a healthy environment.

IIT Roorkee also has hobbies' club, one of its kind among IITs. It aims at facilitating activities like photography, philately, astronomy, fine arts, gardening, web design, etc.

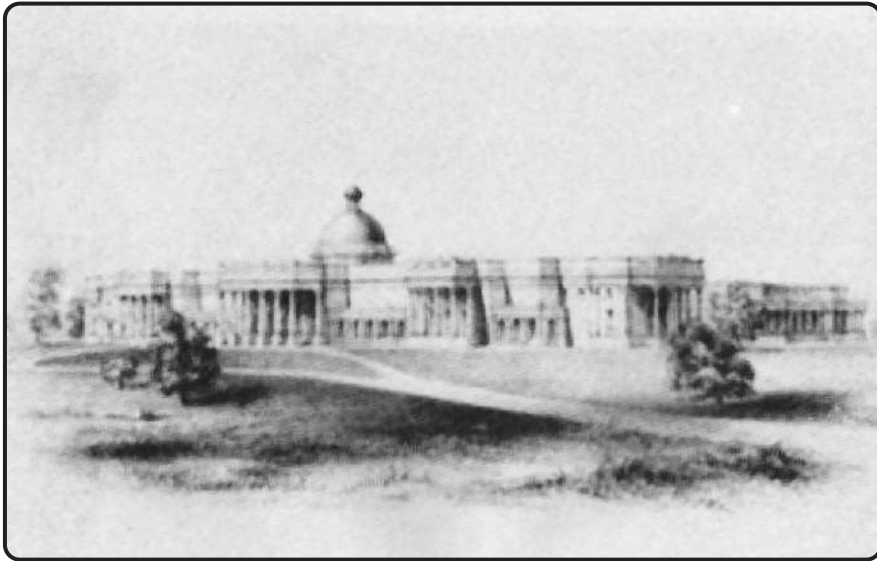
Alumni

IIT Roorkee Alumni Association was established and registered in 1940 and now has 31 local chapters in the country and three chapters abroad. The association encourages the alumni to take interest in the activities of the alma mater and promotes relations between alumnae.

Every year the association hosts Diamond, Golden and Silver jubilee functions, where alumni graduating 60, 50 and 25 years earlier are invited.

IIT Roorkee has produced many alumni who played important roles in the technological development of India and made significant impact on corporate world. According to IIT Roorkee's website, ten alumni have won Padma awards and 25 have been Shanti Swarup Bhatnagar Prize for Science and Technology awardees. The institute has produced seven chairmen of the Indian Railway Board, chairman of the Telecom Regulatory Authority of India, chief of Delhi Metro Rail Corporation, more than a hundred secretarylevel officers in the Government of India, two presidents of the CII, six directors of IITs, and presidents of bodies related to engineers and scientists like Indian Institution of Engineers, Indian National Science Academy and Indian National Academy of Engineering.

IIT Roorkee is a leading centre of Engineering and technical education and research in India with an enviable past. It is involved in continuing excellence and aspires to be counted amongst the best while still adhering to its rich traditions.



College Building, 1860

175 Glorious Years



College Building (Front), 1912



The Roorkee University



Whereas the Roorkee University Act, 1948, passed by the U.P. Legislative Assembly on November 7, 1947, and by the U.P. Legislative Council on December 7, 1947, and assented to by Her Excellency The Governor of the United Provinces on February 7, 1948, provides for the establishment and incorporation of a teaching and residential University at Roorkee;

And whereas by virtue of the provisions of the Act aforesaid the first Chancellor, Vice-Chancellor, Pro-Vice-Chancellor of the University and first members of the Senate and Syndicate and all persons who may hereafter become such officers or members and so long as they continue to hold such office or be such members are to constitute a body by the name of the University of Roorkee;

And whereas the appointment in so far as they are necessary for the establishment of the University have been made in accordance with the said provisions;

Now, therefore, I, Hormasji Peroshaw Mody, Governor of the United Provinces, hereby declare that the said Roorkee University has been and shall be deemed to have been constituted with effect from the 25th, day of November, 1949.

Roorkee

November 25, 1949

Governor of the United Provinces

Well Begun



James Thomason
Our Thomsonian Ancestor



**Prime Minister Nehru Franked
by Chief Minister Pant and Chancellor Modi 1949**



**From left: Jai Krishna, J.N. Moudgill, B.D. Puri, Hafiz Mohammad Ibrahim,
Chief Minister Pant, Prime Minister Nehru, Chancellor Mody,
| Vice Chancellor Hart, Pro-Vice-Chancellor Chakravarti,
Registrar Sukhia, V.G. Garde, A.C. Mukerji, S.R. Singh, Z.U. Ahmad.**



Visit of Smt. Indira Gandhi 1967



The First C.E. College, Roorkee



Aerial Photograph from the North, 1927



MY ALMA MATER

Y.D. Mathur

Civil (1962)

Retd. Chief of UNICEF

Almost 60 years have elapsed since I graduated from Roorkee University- one of the last hatches in the traditions of the Thompson College of Engineering My heart swells with pride and joy when I recall those memorable days of my Alma Mater!

'During our times, our Vice Chancellor Dr. A.C. Khosla famously proclaimed -" While other Engineering Colleges can produce engineers, my Institution produces OFFICERS!" Right at the time of our admission, we were given a list of 'dos' and 'don'ts'! We were expected to come equipped with appropriate bed linen, towels and curtains for our rooms. Behavioural patterns were also spelt out, ranging from not stepping out of our hostels in kurta-pyjamas and tie without coat and coat without tie were taboo! We had to be 'properly' attired for the dining room, failing which the head Butler promptly sent us back to change our clothes! The Butlers kept a 'hawk's eye' on our table manners and politely rectified any lapses (specially the use of our cutlery!) In the club, if by mistake we touched the billiard table with the cue, we had to apologise to the 'Marker' who would come to see if there was any damage!



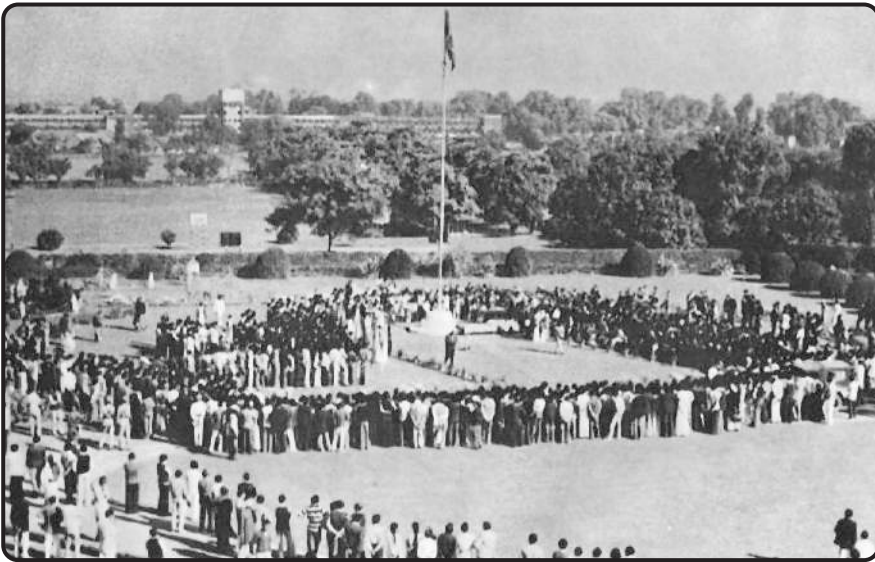
I would also like to mention that we were treated like potential 'officers' right from the time that our study career started! There were personal attendants in the hostel to cater to our needs. During survey camps in remote areas, for example, an adequate number of "Khallasis" were provided for looking after our tents, carry our equipment and even getting us hot lunch at the site!

The type of bonding that we developed with our seniors (after the initial ragging sessions!) was amazing and so was the bonhomie between the batch mates. The staff-student relationship was also remarkable! While maintaining discipline the attitude of the staff members was kind and empathetic, specially in times of need!

One incident stands out in my memory that has impacted my own life! Our Dean of students, Professor S.R. Singh was a strict disciplinarian. About him, it was said that he does not talk..... he ROARS like a lion' He was also the head of the survey Department. Just before our survey camp, had come to Lucknow to visit my parents, when I fell ill. My father conveyed this to Professor Singh. Upon reaching Roorkee four days later, much to my astonishment, Professor Singh called for his personal car and instructed the driver to take me to my survey camp, fifty miles away..... This incident has left an indelible mark on my mind - the humane and empathetic gesture shown to a mere second year student is a memory I cherish to this day!

We batch mates of Roorkee Alumni have formed a group - we meet regularly and never tire of exchanging anecdotes and experiences of those good old days and our spouses marvel at how well bonded we still are! (Incidentally, our spouses 'gel' equally well, fortunately!)

Since our times, a lot has changed but the basic bonding among the younger batches and respect for seniors still remains the same! What an immensely proud feeling it is to be celebrating the 175" year of our prestigious Alma Mater! Let us stand together and sing our ' Kulgeet' composed by Kaviraj Sumitra Nandan Pant" Wafe Gate fren Pear."



A Charter Day Celebration



Flagstaff in the Garden, 1935



Making of a Military Engineer

Madhav Saxena

Electrical (1972)

I had reached Bangalore railway station, all set to join Indian Air Force, it was night around 10 o'clock. I was impressed, a group of 4 had come to receive and take me to Air Force Technical College. Two of them introduced themselves as Officers and the other two looked like recruits, zero hair cut, in whites looking scared, they picked up my luggage. The Officers were very polite and asked me my choice regarding AC or non AC suite, type of food, time of my breakfast etc ... further impressed. They then apologized that staff car had unfortunately broken down on the way so can I accept a ride in the truck that was brought to carry my luggage and the recruits, or can I wait while they get replacement car which might take a couple of hours. I preferred the military truck ride and we reached the unit close to midnight. The recruits were told to make me comfortable, arrange for a bed in their barrack, while they get my AC accommodation ready. I was tired after a two day long train journey and so almost immediately I dozed off.



I woke up due to loud noises and shouts, totally dazed and confused. Those Officers were there in that crowd and those recruits and similar looking many more were standing in a line and jumping on the spot. Slowly I started realizing the reality, the Officers started making fun, 'so you need personal physical trainer, English breakfast, AC Accommodation, look at him, a readymade Officer'. He asked one recruit to bring a bucket full of water and pour it on me to give me an air conditioned feeling. So the recruits were nothing but what I was to be next day onwards ... my mind took me five years back, the day when I had reached Roorkee for joining our University. I was allotted a room in Cautley Bhawan and was told to come to the cafeteria evening at 5 for a welcome tea and introductions. I was there prompt at 5, there were about 10 more freshers like me and 2 - 3 seniors, tea etc was served, cigarettes were offered. Suddenly a ferocious looking Babaji appeared, long hairs, clad in saffron with a lathi in hand. Seeing him the seniors got up and we followed. Babaji sat on a chair and one by one the seniors prostrated in front of him, calling him Guruji, saying they were just making us comfortable, nothing more. He said loudly 'He then called us near him one by one and spoke. To me he said



gkFk dh feBkbZ I alkky ds Nq kuk] dkbZ Nusuk i k, A vkj oks rhuks i dM foYI ds dgkj j [ksgj etc' we were all taken aback and impressed with his powers. Of course as soon as I reached back to room, first thing I did was to shift the laddoos into my box, but before I could lock it, seniors were all there, they were however merciful to let me have one laddoo. I was then made to fit ten cigarettes within my lips and simultaneously light all, one end to the other and smoke.

So in Air Force I didn't feel any shock or surprise, I felt same drama playing out with slightly altered script. But Roorkee had taught me to pretend being shocked and let them get the kick of a successful start of ragging the newcomer. However, I felt in Roorkee the ragging was much better organized, more mental than physical, in fact in Roorkee once I was taken out for a movie and made to sit with my back to the screen, it was such a unique experience in times when movies were so close to your heart. In Roorkee I learnt that junior doesn't pay and the norm continued for ever.

Next torture in the Air Force was to learn table manners and usage of cutlery, however, I was already adapt to it curtesy our Roorkee training, except that initially I had to pretended not knowing all this and then also we had to eat even chapati with fork and knife. Thus all in all, it was a cakewalk for me in the initial phase of Air Force. The other part was our etiquettes with the ladies, that also we has perfected while at Roorkee because girls used to be so few and contenders so many, a ratio of almost one to hundred. So we learnt to be at the best of our behaviour in their presence.

Extra curricular activities at Roorkee were another big take away, games and sports, dramatics and cultural activities helped improve our personalities in a huge way, in addition to make us learn to prosper in groups and adjust to variety of behaviors and opinions. In fact we turned out to be highly confident individuals, may be because of dress code, behavioral do's and don'ts, stickiness for punctuality, facilities, hand holding by the seniors, etc etc.

All in all for me, the entry into the Air Force was extremely smooth, as if I had already been trained and prepared to be a military officer. Here also dress code was a stickler, punctuality was uncompromising, manner and etiquettes were imperative, the art of explaining away any default was as it is mastered while in Roorkee. Coming to systems and work culture, it was ditto, like in Roorkee everything worked as system, as clockwork, not by whims and fancies of any individual. Taking care of those below you and respect and regards for those above you was ingrained in Roorkee. I am convinced that Roorkee used to train and produce Officers ... rest of the life we were just acting on the script ingrained in our character, our behavior and our work culture ... a big Thomsonian Salute to our alma mater. Jai Hind



कॉलेज ऑफ़ सिविल इंजीनियरिंग एट रुड़की से आई आई टी रुड़की तक

- के.के. अस्थाना

पिछले एक सौ पचहत्तर सालों में गंगा में बहुत पानी बह चुका है, पर गंगा में पानी थोड़ा और ज्यादा बहता, अगर हरिद्वार से उसे गंग नहर यानी अपर गंगा कैनाल में मोड़ न दिया गया होता। अब हम कह सकते हैं कि इस बीच गंगनहर या अपर गंगा कैनाल में भी बहुत पानी बह चुका है और यह सब संभव हुआ कॉलेज ऑफ़ सिविल इंजीनियरिंग एट रुड़की में प्रशिक्षित अभियंताओं के कारण ! इस कॉलेज ऑफ़ सिविल इंजीनियरिंग एट रुड़की को आज हम आई आई टी रुड़की के नाम से जानते हैं।



समय के अनुसार रूप बदल बदल कर, नाम बदल बदल कर इस संस्थान ने न केवल प्रदेश की अपितु देश की प्रगति में बड़ा योगदान दिया है। कभी इसका नाम बदला तो कभी इसका स्वामित्व बदला। एक चीज़ जो कभी नहीं बदली, वो थी इसकी तकनीकी शिक्षा कि उच्चस्तरीय गुणवत्ता। चाहे वो पुराने समय की इंजीनियरिंग के सबसे नीचे के पायदान की 'टेक्नीशियन' और 'स्किल्ड लेबर' की ट्रेनिंग रही हो, या आज के समय की परास्नातक और शोध संबंधी शिक्षा। इस संस्थान ने सदैव समकालीन और समकक्ष संस्थानों में अपना एक विशिष्ट स्थान बनाये रखा।

इस संस्थान की कहानी न केवल उत्तर प्रदेश की बल्कि पूरे देश की प्रगति की कहानी है और ये कहानी शुरू होती है सबसे 175 साल पहले जब अंग्रेज़ शासकों को लगा कि उपजाऊ ज़मीन होने के बाद भी संयुक्त प्रांत के पश्चिमी इलाके में उतनी पैदावार नहीं होती है जितनी हो सकती है। इस वजह से उनके लगान में कमी आ रही है। बंगाल के अकाल के बाद बंगाल और आस पास के इलाके का लगान वैसे ही कम होगया था। बंगाल के अकाल के बाद 1837—38 में आगरा में अकाल पड़ा. इसमें लगभग आठ लाख लोगों की मृत्यु हो गई। सरकार को जनता की सहायता पर लगभग एक करोड़ रुपये खर्च करने पड़े। एक ओर इतना खर्चा और बाद के सालों में भुखमरी के कारण लगान वसूलना भी नहीं हो पाया। अंग्रेज़ नहीं चाहते थे कि देश के इस भाग में फिर ऐसा हो और उन्हें जनता पर रुपये खर्च करने पड़े और लगान भी कम हो जाए।

पैदावार कम होने का सबसे बड़ा कारण खेती का मानसून पर निर्भर रहना था। अगर बरसात समय पर और अच्छी हो गई तो फसल अच्छी होती थी, वरना किसान को खाने के लाले पड़ जाते थे। ऐसे में वो लगान क्या ही दे पाता। इसलिए हमारे गोरे शासकों ने गंगा से एक नहर बना कर इन असिंचित इलाकों को सींचने का कार्यक्रम बनाया।

अंग्रेजों का नज़रिया इस मामले में बहुत साफ़ था। यदि कोई काम करने से उन्हें फायदा मिल रहा हो तभी वह उस काम में हाथ लगाते थे। अब इस काम से अगर काले भारतीयों का नुकसान हो रहा हो, तब तो खैर उन्हें



कोई समस्या थी ही नहीं और अगर फायदा भी हो जाये तो भी उन्हें उससे कोई समस्या नहीं थी। अपने पैसे से काले देसी लोगों की भलाई के लिए अपर गंगा कैनाल जैसा विशाल बजट का कार्य वह करते, इसकी संभावना बिलकुल भी नहीं है।

वैसे ये बात भी सही है कि संगठन के स्तर पर अंग्रेज़ जितने कुटिल और क्रूर थे, व्यक्तिगत स्तर पर अधिकतर अंग्रेज़ अपने काम के प्रति उतने ही समर्पित और अनुशासित हुआ करते थे। रुड़की की प्रगति उनकी इस सोच और संस्कृति कि गवाह भी है। अपर गंगा कैनाल की परियोजना अंग्रेज़ इंजीनियरों के अथक और ईमानदार प्रयास का अच्छा उदाहरण है।

उनकी व्यक्तिगत स्तर की इस सोच का एक बड़ा उदाहरण नयी दिल्ली कि प्लानिंग और उसके विभिन्न भवनों की डिजाईन में भी देखने को मिलता है। जब कोलकाता से राजधानी दिल्ली स्थान्तरित की जा रही थी तो दिल्ली में एक नयी राजधानी की आवश्यकता पड़ी। ब्रिटिश आर्किटेक्ट सर एडविन लुटियन को ये काम सौंपा गया। सर एडविन लुटियन के लिए बहुत आसान था कि वो इंग्लैंड में बनने वाले भवनों की तरह ही कुछ भवन डिजाईन कर देते। इससे भारत पर ब्रिटेन की सत्ता की हक के साथ साथ सांस्कृतिक वर्चस्व भी दिखाई पड़ता। परन्तु एक सच्चे “प्रोफेशनल” के नाते उन्होंने ऐसा नहीं किया। चाहे वो राष्ट्रपति भवन हो, संसद भवन हो या विभिन्न मंत्रालयों के भवन, सबकी परिकल्पना में “भारतीयता” का पुट लाने का उनका निर्णय एक निष्पक्ष प्रोफेशनल की सही सोच को दर्शाता है।

कुछ ऐसा ही अपर गंगा कैनाल के निर्माण में भी हुआ। जिन ब्रिटिश इंजीनियर्स को यह काम सौंपा गया, उन्होंने इसका यात्रा पथ तय करने से लेकर इसके निर्माण तक में पूरी निष्ठा और कर्तव्य परायणता से काम किया। तभी तो तकनीकी उत्कृष्टता के इतने बड़े उदाहरण के तौर पर अपनी यह गंग नहर और इसके ‘बाई प्रोडक्ट’ के रूप में हमारा ‘अल्मा मैटर’ हमें मिला।

गंग नहर की कहानी

बात आजादी के सौ साल पहले से भी पहले की है, जब अंग्रेजों ने भारत के पुराने ‘सिंचाई नेटवर्क’ को ठीक करने की आवश्यकता महसूस की। बताते चलें कि प्राचीन भारत में नहरों का जाल भले ही न बिछा हो, पर सिंचाई की अच्छी खासी व्यवस्था थी। प्राकृतिक तालाबों का संरक्षण और नहरों का निर्माण इसमें शामिल था। सैकड़ों साल की अव्यवस्थित और छिन्न भिन्न शासन व्यवस्था के चलते यह सब अस्त व्यस्त हो गया था। नई नहरें बनाना तो दूर रहा, पुरानी नहरों की मरम्मत और सफाई तक नहीं हो पाती थी। अंग्रेजों ने पुरानी नहरों की सफाई और मरम्मत के साथ साथ कुछ नई नहरें बनाने का निर्णय लिया।

पुरानी नहरों में पश्चिमी यमुना नहर और दक्षिण भारत में कावेरी से निकलने वाली नहर मुख्य थीं। अंग्रेजों ने इनकी वृहद् मरम्मत की। इन्हें दुबारा जीवित किया और गंगा कैनाल के निर्माण का निर्णय लिया। इसके पीछे भले ही पैदावार बढ़ा कर लगान बढ़ाने का उनका विशुद्ध स्वार्थ रहा हो, परन्तु इस निर्णय ने देश के एक बड़े भूभाग को समृद्धि से भर दिया और अभियांत्रिकी का एक नायाब नमूना विश्व को मिला।

हरिद्वार से शुरू होकर रुड़की, सरधना, बुलंद शहर, खुर्जा होते हुए यह नहर अलीगढ़ के ननाऊ नामक



स्थान तक अपर गंगा कैनाल के नाम से जानी जाती है। ननाऊ से इसकी दो शाखाएं हो जाती हैं। एक को कानपुर ब्रांच और दूसरी को इटावा ब्रांच के नाम से जाना जाता है। इन दोनों शाखाओं और उनकी प्रशाखाओं के नेटवर्क को लोअर गंगा कैनाल के नाम से जाना जाता है।

गंग नहर का निर्माण अप्रैल 1842 में शुरू हुआ। इसका बहुत श्रेय कर्नल प्रोबी थॉमस कॉटले को जाता है, जो कि इस परियोजना के प्रमुख अभियंता, प्रशासक एवं सभी कुछ थे। इंजीनियरिंग और इंफ्रास्ट्रक्चर की अन्य सभी परियोजनाओं कि तरह इस नहर के निर्माण में भी प्रारंभिक स्तर पर अनेक बाधाएं आयीं पर कर्नल कॉटले ने इन सब बाधाओं को दूर करते हुए नहर का निर्माण पूरा करा कर ही दम लिया।

सबसे पहली चुनौती इस नहर का पथ तय करने की थी। आने-जाने के साधन कम थे। घोड़े, हाथी, रथ, बैल गाड़ी, पालकी या पैदल, यही साधन थे। ऊपर से नहर का रास्ता तय करने के लिए किसी बने बनाये पक्के मार्ग से तो जाना नहीं था। ऊबड़-खाबड़ जमीन का सर्वे और निरीक्षण करने के लिए घोड़ा ही सबसे उपयुक्त सवारी थी। सात समुन्द्र पार, ठंडे प्रदेशों का रहने वाला एक गोरी चमड़ी वाला व्यक्ति अपने दल बल के साथ महीनों धूप और धूल में घोड़े पर सवार होकर इन बीहड़ रास्तों पर घूमता रहा, तब जाकर कहीं गंग नहर या अपर गंगा कैनाल का यात्रापथ तय हो पाया।

यह भगीरथ प्रयास से कम नहीं था। भगीरथ ने तो गंगा को लाकर शिव जी की जटाओं में छोड़ दिया था। वहां से गंगा ने अपना रास्ता स्वयं चुना था। पर गंगा की बेटी गंग नहर के लिए रास्ता तय करना आसान नहीं था। इसका पूरा श्रेय कर्नल कॉटले को जाता है। जब तक कॉलेज ऑफ सिविल इंजीनियरिंग एट रुड़की अपने किसी भी अवतार में इस पृथ्वी पर रहेगा, गंग नहर में एक भी बूँद पानी बचेगा तब तक कर्नल कॉटले का नाम भी रहेगा। ब्रिटिश इंजीनियरों को इस तरह की बड़ी बड़ी परियोजनाएं करने का अनुभव नहीं था। काम करने के लिए प्रशिक्षित श्रमिकों से लेकर इंजीनियर्स की कमी थी। उस समय ईंट ही प्रमुख भवन निर्माण सामग्री थी। पोर्टलैंड सीमेंट और आर सी सी की अभी तक खोज भी नहीं हुई थी। जिस मात्रा में ईंटों की आवश्यकता थी उतनी ईंटें उपलब्ध हो पाना वहां संभव नहीं था। इसलिए उन्हें अपने लिए ईंटें भी खुद बनानी पड़ती थीं। ऊबड़-खाबड़ इलाके में भारी मात्रा में भवन सामग्री लेजाना बेहद मुश्किल काम था।

इन चुनौतियों से कॉटले डिगे नहीं। प्रशिक्षित श्रमिकों और इंजीनियरों की कमी को पूरा करने के लिए 1847 में ब्रिटिश एम्पायर का पहला इंजीनियरिंग कॉलेज रुड़की में खोला गया। रुड़की से सोलानी अक्वा-डक्ट तक भवन सामग्री ले जाने के लिए भारत की पहली रेल चलायी गयी। आज उस रेल का नेटवर्क विश्व के सबसे बड़े नेटवर्कों में से एक है और गंग नहर बनाने वाले इंजीनियर्स को ट्रेन करने के लिए शुरू किया गया छोटा सा इंजीनियरिंग कॉलेज आज देश के प्रमुख आई आई टी में से एक है और एशिया के प्राचीनतम इंजीनियरिंग कॉलेज में से भी एक है।

कॉटले के बारे में थोड़ा सा और.....

“कॉलेज ऑफ सिविल इंजीनियरिंग एट रुड़की” से लेकर “आई आई टी रुड़की” तक का सफर तय करने वाले संस्थान और गंग नहर के बारे में कोई भी चर्चा उस व्यक्ति के बिना संभव नहीं है जिसके नाम पर हमारे संस्थान में “कॉटले भवन” के नाम से एक हॉस्टल बनाया गया है।



ब्रिटिश ईस्ट इंडिया कम्पनी से किसी तरह गंग नहर के निर्माण का प्रस्ताव स्वीकृत हुआ तो हरिद्वार के संत समाज ने विरोध प्रारंभ कर दिया। शायद किसी ने उनको भड़का दिया अथवा वो स्वयं ये मानते थे कि गंगा को बड़ी मुश्किलों से मुक्त करा कर स्वर्ग से पृथ्वी पर लाया गया है और दोबारा उसके निर्बाध प्रवाह पर मनुष्यों को रोक लगाने का अधिकार नहीं है। इस पर बाँध बनाया ही नहीं जा सकता। बताते हैं कि कॉटले ने हरिद्वार के संतों को इस तर्क से अपने पक्ष में कर लिया कि भगीरथ इतनी तपस्या कर के गंगा को पृथ्वी पर लाये तो हम मनुष्यों का कर्तव्य बनता है कि उस गंगा को अधिक से अधिक लोगों के कल्याण हेतु उनके द्वार तक ले जाया जाये। गंग नहर बनाने से गंगा का जल और अधिक क्षेत्रों तक पहुँच पायेगा। संत समाज उनके इस तर्क से सहमत हो गया और गंग नहर बनाने कि अनुमति दे दी।

उनके इन प्रयासों से प्रभावित होकर हरिद्वार के अनेक संत आदर से उन्हें “कॉटले भवानी” के नाम से बुलाने लगे। एक किम्बदंती के अनुसार कर्नल कॉटले 6 महीने तक साधु का वेश धारण कर हरिद्वार के साधुओं के बीच रहे और उनका विश्वास जीता। फिर उनको समझा बुझा कर गंगा पर बैराज बनाने के लिए सहमति ली। पर इसकी किसी आधिकारिक स्रोत से पुष्टि नहीं हो पाई है। पर इतना तो सत्य है कि कॉटले ने सतत संपर्क और अथक प्रयास कर के साधु संतों को इस बात के लिए तैयार किया कि गंग नहर बननी चाहिए। हर की पौड़ी का ये भव्य रूप साधु संतों से किये गए वायदे का ही परिणाम है।

साधुओं ने शर्त रखी थी कि गंगा की धारा को पूरी तौर से बाँधा न जाए। कॉटले ने साधु संतों की इस शर्त का सम्मान करते हुए गंगा की एक धारा बैराज से पहले ही मूल गंगा के रूप में मोड़ दी। इस पतली सी मूल धारा में बाकी पानी बैराज के बाद, यानी नियंत्रित गंगा में से जाता है। इस प्रकार गंगा का मूल स्वरूप भी बना रहा। साधु संत भी संतुष्ट हुए। गंग नहर का निर्माण संभव हुआ और हरिद्वार में ‘हरि की पौड़ी’ या ‘हर की पैड़ी’ के रूप में भव्य घाट भी बन गए।

कॉलेज ऑफ़ सिविल इंजीनियरिंग एट रुड़की

अभी तक ‘इंजीनियरिंग’ से सम्बंधित सभी काम सेना के इंजीनियर्स ही करते थे। देश में और कुछ होता भी कहाँ था। किसान खेती करते थे। ईस्ट इंडिया कंपनी लोकल राजाओं के साथ मिल कर लगान वसूलती थी। इंजीनियरिंग से सम्बंधित न तो कोई योजना होती थी, न उसका इम्प्लिमेंटेशन। कभी कोई सड़क या पुल बनाना भी होता था तो वह काम भी सेना के इंजीनियर्स ही करते थे। सेना से बहार इंजीनियर्स का कोई स्कोप भी नहीं था।

गंग नहर का काम इतना बड़ा था कि सेना के प्रशिक्षित इंजीनियर्स भी कम पड़ने लगे। पहले तो इस काम के लिए इंग्लैंड में प्रशिक्षित अंग्रेज़ इंजीनियर्स बुलाये जाते थे। यह इंजीनियर्स भी एक सीमित संख्या में ही उपलब्ध हो पाते थे। काम इतना वृहद् स्तर का था कि लन्दन से खासतौर से इसी काम के लिए भर्ती किये गए इंजीनियर्स से भी काम नहीं चल पा रहा था। इंजीनियर्स के अतिरिक्त, काम के लिए सुपरवाइजर्स और तकनीशियंस की भी जरूरत थी। इस जरूरत को पूरा करने के लिए 1847 में गंग नहर के निकट ही एक इंजीनियरिंग कहलेज खोलने का निर्णय लिया गया।

यह कॉलेज गंग नहर के किनारे बसे एक छोटे से रुड़की नाम के गाँव के पास था। इसलिए इसका नाम



‘कॉलेज ऑफ सिविल इंजीनियरिंग एट रुड़की’ रखा गया। इससे पहले देश में जो भी इंजीनियरिंग कॉलेज थे, वह सेना के काम आने वाले इंजीनियर्स के प्रशिक्षण के लिए खुले थे। पूरे ब्रिटिश साम्राज्य में यह पहला इंजीनियरिंग कॉलेज था जो गैर सैनिक इंजीनियर्स अर्थात् सिविलियन इंजीनियर्स की ट्रेनिंग के लिए खोला गया। इसलिए इसका नाम ‘कॉलेज ऑफ सिविल इंजीनियरिंग’ रखा गया। रुड़की में स्थित होने के कारण इसके आगे ‘एट रुड़की’ और जुड़ गया और इस तरह इसका नाम ‘कॉलेज ऑफ सिविल इंजीनियरिंग एट रुड़की’ हो गया। हालाँकि इससे कुछ समय पहले इस प्रोजेक्ट पर काम करने के लिए सहारनपुर में एक ट्रेनिंग सेंटर भी खोला गया था। यहाँ पर कुछ स्तरों पर काम करने के लिए तकनीकी प्रशिक्षण भी दिया जा रहा था। परन्तु यह ट्रेनिंग सेंटर कभी औपचारिक तकनीकी शिक्षा का केंद्र नहीं बन पाया। इसलिए रुड़की स्थित ‘कॉलेज ऑफ सिविल इंजीनियरिंग एट रुड़की’ को ही पूरे ब्रिटिश साम्राज्य और एशिया के प्रथम इंजीनियरिंग कॉलेज होने का सौभाग्य मिला।

थॉमसन कॉलेज ऑफ सिविल इंजीनियरिंग

1854 में जब गंग नहर के एक भाग का उद्घाटन हुआ तो वहाँ पंजाब प्रान्त के गवर्नर थॉमसन भी आये। उनके सम्मान में इस कॉलेज का नाम बदल कर ‘थॉमसन कॉलेज ऑफ सिविल इंजीनियरिंग’ कर दिया गया। यहाँ एक बार फिर इस बात पर ध्यान देने की आवश्यकता है कि इस समय तक इंजीनियर्स की मात्र दो श्रेणियाँ हुआ करती थीं। सेना के लिए काम करने वाले ‘मिलिट्री इंजीनियर्स’ और गैर सैनिक काम करने वाले ‘सिविल इंजीनियर्स’। यह नाम, काम के हिसाब से न होकर, काम करने की जगह के हिसाब से थे। विशेषज्ञता के आधार पर इंजीनियरिंग की अलग अलग ब्रान्चेज़ नहीं थीं। कालांतर में बिजली से सम्बंधित काम वाली शाखा को इलेक्ट्रिकल इंजीनियरिंग और मशीनों से सम्बंधित विशेषज्ञता को मैकेनिकल इंजीनियरिंग नाम दे दिया गया और ‘सिविल इंजीनियरिंग’ निर्माण के कार्यों से सम्बंधित विशेषज्ञ शाखा हो गयी।

थॉमसन कॉलेज ऑफ सिविल इंजीनियरिंग इन सब बदलावों का साक्षी रहा। इसकी स्थापना ही चूँकि एक बहुत बड़े प्रोजेक्ट के लिए इंजीनियर्स को प्रशिक्षित करने के लिए हुई थी, इसलिए यह संस्थान अपनी स्थापना के समय से ही विशेष योग्यता वाला संस्थान रहा। इतनी मजबूत नींव पर बना यह संस्थान एक शताब्दी तक तो अपनी तरह का इकलौता संस्थान ही बना रहा। नए इंजीनियरिंग कॉलेज खुल जाने के बाद भी यह न केवल अपना परचम फहराता रहा, बल्कि सिविल इंजीनियरिंग का पर्याय बना रहा।

यूनिवर्सिटी ऑफ रुड़की या रुड़की विश्वविद्यालय

थॉमसन कॉलेज ऑफ इंजीनियरिंग के गौरवशाली सौ साल पूरे हो रहे थे। उधर देश आजादी पाने को छटपटा रहा था और अंततः यह दोनों ऐतिहासिक घटनाएं एक साथ घटीं। इधर थॉमसन कॉलेज के सौ साल पूरे हुए, उधर देश को आजादी मिली। थॉमसन कॉलेज के सौ साल पूरे होने के उपलक्ष्य में प्रदेश सरकार ने पहले से ही एक भव्य आयोजन करने का निर्णय किया था। इसकी तैयारियाँ भी चल रही थीं। देश की आजादी के उपलक्ष्य में इससे भी बड़े बड़े आयोजन हो रहे थे। थॉमसन कॉलेज के शताब्दी वर्ष का कार्यक्रम थोड़ा आगे बढ़ गया।

इस बीच प्रदेश सरकार ने थॉमसन कॉलेज अहफ इंजीनियरिंग को उच्चिकृत करके इसे विश्वविद्यालय में बदलने का निर्णय कर लिया। कॉलेज के शताब्दी वर्ष पर यह एक बड़ा निर्णय था। 1948 में संयुक्त प्रान्त की



सरकार ने इस आशय का एक्ट भी पास कर दिया और कॉलेज ऑफ इंजीनियरिंग एट रुड़की अपने नए अवतार 'रुड़की विश्वविद्यालय' या 'यूनिवर्सिटी ऑफ रुड़की' में बदल गया। एक्ट अंग्रेजी में है और उसमें रुड़की यूनिवर्सिटी एवं यूनिवर्सिटी ऑफ रुड़की दोनों का ही उल्लेख है। अतः इसके दोनों नाम सही हैं। चाहे रुड़की यूनिवर्सिटी कहें या यूनिवर्सिटी ऑफ रुड़की। थॉमसन कॉलेज का शताब्दी समारोह, जो दो साल से टल रहा था, उसे 25 नवम्बर 1949 को मनाया गया। इसी दिन विश्वविद्यालय के गठन का चार्टर भी पेश किया गया। तभी से 25 नवम्बर को 'चार्टर डे' मनाया जाता है।

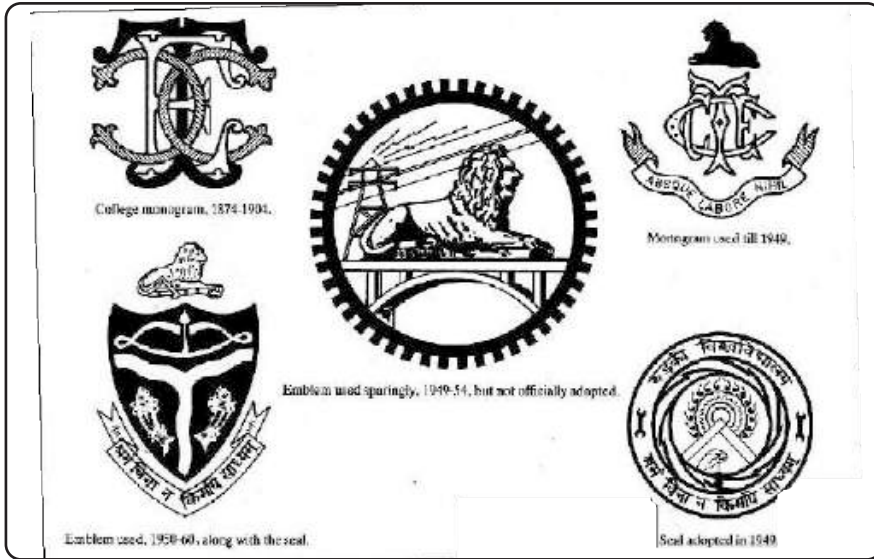
थॉमसन कॉलेज ऑफ इंजीनियरिंग का शताब्दी समारोह एवं रुड़की विश्वविद्यालय के गठन का कार्यक्रम अत्यंत हर्षोल्लास के साथ मनाया गया। गणमान्य अतिथियों के साथ साथ संस्थान के पुराने छात्र 'ओल्ड बॉयज' भी बड़ी संख्या में इकट्ठे हुए। चार्टर डे पर ओल्ड बॉयज अर्थात एलुमनाई के रुड़की में इकट्ठे होने की एक परंपरा पड़ गयी, जो कि आज भी उसी उत्साह के साथ जारी है। आज भी देश विदेश के एलुमनाई अपने परिवार सहित आते हैं और अपने बच्चों और नाती पोतों को हॉस्टल का अपना पुराना कमरा, मेस, क्लब, अपना डिपार्टमेंट, सब कुछ बड़े गर्व के साथ दिखाते हैं।

यूनिवर्सिटी के गठन के अवसर पर देश के पहले प्रधानमंत्री पंडित जवाहरलाल नेहरू, प्रदेश के राज्यपाल एच.पी. मोदी, प्रदेश के मुख्यमंत्री पंडित गोविन्दवल्लभ पन्त के साथ-साथ देश के प्रसिद्ध वैज्ञानिक और अभियंता भी उपस्थित हुए। इस अवसर पर एक प्रदर्शनी का आयोजन भी किया गया जो कि प्रदेश और देश में इंजीनियरिंग की प्रगति को प्रदर्शित करने वाली अनूठी प्रदर्शनी थी। नई बनी यूनिवर्सिटी का कुल गान प्रसिद्ध कवि पंडित सुमित्रानंदन पन्त ने लिखा और उसे संगीत बद्ध किया प्रसिद्ध संगीतकार तिमिर बरन ने। प्रारंभिक कठिनाइयों, जिन्हें अंग्रेजी में टीथिंग ट्रबल कहा जाता है, के बाद यह विश्वविद्यालय अपने इस नए अवतार में एक बार फिर आसमान की बुलंदियां छूने के सफर पर चल पड़ा।

यह एक अनूठा विश्वविद्यालय था, जिसमें प्रारंभ में मात्र तीन विभाग ही थे- सिविल इंजीनियरिंग, इलेक्ट्रिकल इंजीनियरिंग और मैकेनिकल इंजीनियरिंग। सौ साल से सिविल इंजीनियरिंग पढ़ाने वाले संस्थान के लिए यही बड़ा काम था। पर सभी यूनिवर्सिटीज़ को सदस्यता देने वाली 'इंटर यूनिवर्सिटी बोर्ड' नामक संस्था ने कहा कि यह भी कोई यूनिवर्सिटी है, जिसमें सिर्फ तीन विभाग हैं। बोर्ड ने जिस रुड़की यूनिवर्सिटी को इतने बेमन से सदस्यता दी, वही यूनिवर्सिटी आगे चल कर प्रदेश और देश ही नहीं बल्कि विश्व के सर्वश्रेष्ठ विश्वविद्यालयों में से एक साबित हुई।

इंडियन इंस्टीट्यूट ऑफ टेक्नोलॉजी रुड़की

1847 से 1854 तक कॉलेज ऑफ सिविल इंजीनियरिंग एट रुड़की, 1854 से 1947 तक थॉमसन कॉलेज ऑफ सिविल इंजीनियरिंग और 1947 से 2001 तक यूनिवर्सिटी ऑफ रुड़की के अपने शानदार सफर के बाद इस महान संस्थान का एक बार फिर पुनर्नामकरण हुआ। अपने इस अवतार में इसे इंडियन इंस्टीट्यूट ऑफ टेक्नोलॉजी का नाम दिया गया। 2001 में शुरू हुए अपने इस नए अवतार में इसे सफलता और श्रेष्ठता की 154 साल की परंपरा विरासत में मिली है। इसके पास सफल और सर्वश्रेष्ठ होने के अलावा कोई और विकल्प है ही नहीं!



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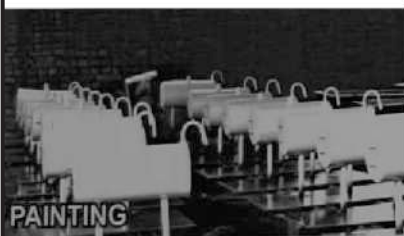
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Marvel of Modern Technology

DRONE



Unmanned Aerial Vehicle



Drones : An Overview

Nishi Saxena



In technological progress, airplanes were a big leap forward for the mankind. However, building and operating aircraft is an exceedingly costly business. Major costs revolve around systems needed for the pilots who man these flying machines. Hence arose the idea of Unmanned Aerial Vehicles (UAVs), popularly known as Drones now. Initially developed for military and aerospace industries, these drones have quickly found their way into the mainstream because of the enhanced levels of safety, economy and efficiency they bring. Advances in the fields of communication technologies, positioning systems, digital technologies and robotics have helped Drone industry gather phenomenal pace.

Drones are aircraft that fly without a pilot in it, controlled remotely or programmed to fly autonomously. Entire system that helps a drone to function is Unmanned Aerial System (UAS), the heart of which is Drone, a machine built with flying capabilities. The other critical part of the system is Ground Control Station (GCS), which is capable of controlling the flight path of the Drone as per the plan. Then there is a Data Links that facilitates communication between the drone and the ground operator. Last crucial part of the whole system is the Payload. Drones are capable of carrying variable payloads, designed to achieve various objective. From life saving medicines, to other packages, arms & ammunition, cameras and other surveillance equipment, drones provide an efficient method of a variety of delivery needs.

An estimated \$ 6.4 billion is being spent every year on developing Drone technologies around the world. That number is expected to nearly double in future years, bringing total amount spent on drones, both for military and commercial applications to nearly \$ 11.2 billion annually by 2024. If projections are correct, between 2020 and 2030, our aerospace system could dramatically change as UAVs become more popular for recording data, delivering products and patrolling the skies.

TYPES OF DRONES

Drones can be classified based on various criterions. By size the Drones can be classified as:

- **Large Size Drones:** used in the attack, combat and reconnaissance roles.
- **Medium Size Drones:** generally used in reconnaissance or to gather data. Such units are deployed in military, commercial, industrial and agricultural fields.



- **Small Size Drones:** are the most widely used units, used by commercial establishments, government departments, professional photographers and hobbyists.
- **Miniature Drones:** Miniature drones have been developed for military usage, used for spying during a close combat mission; can also be used to view the inside of a standing or damaged building during search and rescue operations.

BY DESIGN DRONES CAN BE CLASSIFIED AS:

- **Rotary Wing Drones:** look exactly like tiny helicopters, can fly for longer distances.
- **Fixed Wing Drones:** look like normal airplanes with the wings, can glide in the air for long hours, are usually much larger, are used by the military to carry out strikes, by scientists to carry large amounts of equipment and even to deliver food and other goods to areas that are hard to reach.

LASTLY WE CAN CLASSIFY THE DRONES BASED ON APPLICATIONS :

- **Military:** UAVs have been used widely in attack and combat roles. Military use of drones includes reconnaissance and observation from the sky. Cargo drones are used to supply weapons and cargo to military units.
- **Commercial:** There is a wide range of commercial applications of drones. A camera-equipped drone is used to map an area. It helps know if the proposed construction site is suitable for the construction of a particular structure. UAV is used in the commercial sector to take photos and videos of buildings, construction sites and ground areas.
- **Agricultural:** Farmers use drones to spray pesticides, fertilizers and other chemicals. Special cameras and sensors are used to spot problems in the crops. Different types of data related to the farm, crop, land and atmospheric conditions can be collected.
- **Police:** Law enforcement agencies use drones to fight crimes. They use it for surveillance of a suspected target. Real-time surveillance is useful during active crime scenes where sending the police personnel without knowing the ground situation can be dangerous.
- **3D Mapping:** Advance 3D imaging equipment installed in a drone is used to survey the landscape. Thousands of high-quality images are stitched together to create precise and high definition 3D maps of a ground area.
- **Disaster Relief:** It is difficult to know the magnitude of destruction immediately after a disaster. There is an urgent need to find ground information quickly. Sending search and rescue teams to such an area without prior knowledge of ground conditions may result in a waste of precious time. A UAV helps know exact locations where help is needed.



- **Hunting Hurricane:** Drones equipped with scientific equipment are used to observe storms and other natural disasters. The data collected and analyzed from such operations are used to develop predictive models that help predict an impending disaster with better accuracy.
- **Product Delivery:** This type of commercial venture is yet to take off due to regulatory constraints. However, many companies are working actively in this field. It is going to be a lucrative field for the sellers of products.
- **Research and Development:** Scientists use drones to gather different types of data related to the ground, sea and air. They can find useful data without sending several teams to the target locations. Accurate scientific data from various locations can be collected quickly and easily.
- **Reconnaissance:** UAVs are now used widely to protect border areas from intruders. It helps gather intelligence information on the battlefield. The information proves useful in protecting borders, combat units, and security installations. Military personnel can avoid high-risk missions or go to such missions with better information on the ground situation
- **General Users:** Hobbyists use small-size drones for recreational purposes. These units are used to enjoy the thrill of flying an aircraft. Now many UAVs made for general users have a camera to take photos and videos.

PROBLEMS

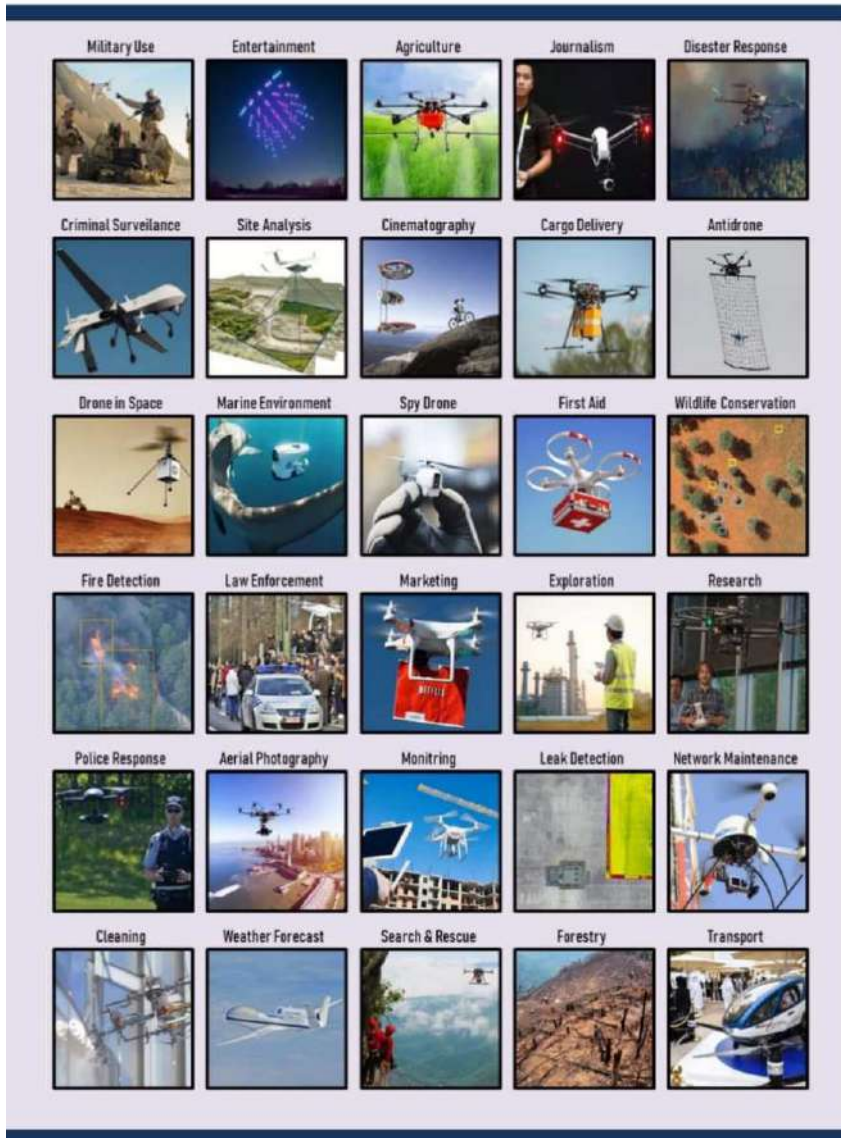
It is difficult to regulate the flying of small drones. Thousands of small drones are sold every year. These products are available easily online and offline. A small drone can even be built by a novice using easily available parts from the Internet. Even a small drone poses high safety risks to large planes and ground installations like fuel depots.

Drones present several innovative and economical solutions to various challenges, throughout industries. There is no doubt the UAV industry is booming, but that growing popularity brings a multitude of challenges, like infringement of privacy, hazards in airspace and likely damages due to potential drone crashes

Just as with any form of technology, Drones can be good or bad depending on the purpose of the people flying them. Hence while sky is the limit and imagination is the key for newer applications for Drones, stricter regulation by the government agencies and technological standardization by the industry is urgently needed.



Applications of Drone





What is the purpose of drone technology? ^

Drones now have many functions, ranging from **monitoring climate change to carrying out search operations after natural disasters, photography, filming, and delivering goods.** But their most well-known and controversial use is by the military for reconnaissance, surveillance and targeted attacks.

What are the four types of drones? ^

There are four main physical types of professional drones: **multi-rotor, fixed-wing, single-rotor helicopter, and fixed-wing hybrid VTOL.** The different body styles of each type of drone contribute to the amount of weight they can carry (payload), efficiency and duration of the flight.

Where you want to go with the pursuit of drone flying?

Are you guessing you are a drone hobbyist curious about what opportunities are out there for drone pilots?

Maybe you are thinking of building your career in Drone Industry. First of all, let me give you a very good news, there are likely to be plenty of drone-related jobs available in the coming years. According to a 2013 report from AUVSI around 100,000 new jobs will be created in the first 10 years after drone's start being used for commercial purposes from 2006.

So, as you can see this new field of technology created an enormous job field for anyone capable of flying a drone. What you just need is register yourself for evaluation test and then get the drone license to start earning money and shine in your career. Also, if you are not interested in being pilot even then you have options for becoming engineer or doing business.

But if you don't want career in UAV field you can remain as a hobbyist and fly for fun but check out these options below to set your mind. Of course, you won't miss this chance if your favorite hobby gives you a way of making money.

What type of technology is drone? ^

Essentially, a drone is a flying robot that can be remotely controlled or fly autonomously using **software-controlled flight plans in its embedded systems,** that work in conjunction with onboard sensors and a global positioning system (GPS). UAVs were most often associated with the military.



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Drone : An Unfolding Marvel

Madhav Saxena

Elect. (1972)

Over the past few years, drones have become central to the functions of various governmental organizations and businesses. We are living, increasingly, in a drone-saturated world. In recent years, drones, or unmanned aerial vehicles (UAVs), have proliferated rapidly around the globe in both military and civilian spheres. From quick deliveries at rush hour to scanning an unreachable military base, drones are proving to be extremely beneficial in places where man cannot reach or is unable to perform in a timely and efficient manner.

With a history of technological advancements upgrading the efficiency of UAVs from World War II to the present, international interest in drone technology has spread beyond military and led to its increased usage in commercial fields, to industries such as agriculture, real estate, sports, security, and insurance. Unmanned platforms in all three mediums - air, land, and sea - have always been the preferred choice. Their induction, proliferation, and usage were only limited by the technologies available in the domain of aviation. With technology stepping into the realms of miniaturized electronics, computerization and digitization, artificial intelligence (AI) and internet of things (IoT), satellites, ring laser gyro assisted navigation, composites, intelligent weapon systems, have all increased the capability of unmanned platforms immensely. Over the years, they have gradually shifted towards centre-stage.

The key technology which is going to bring about face change in the employment of drones is AI which, together with miniaturization of electronics, is likely to give immense capabilities to even smaller drones. This is because AI, as a technology, is to a large extent a substitute for the human brain for future machines, functioning to coordinate and control the machine's components as the brain does human body parts, besides processing information received or sent to the outside environment.

Drones might be just a tool, but in combination with the right technology and equipment like cameras, sensors, robotic arm etc, number of its applications is enormous and will continue to grow in the future. The versatility offered by UAVs or drones, makes them extremely valuable to four industries: military, consumer goods, transportation, and agriculture. Functioning either by remote control or onboard



computers, the increasing development of autonomous technologies is a boon to the drone proliferation.

Advancements in both the underlying technology and ancillary functions have opened the doors for even more UAV innovations. Recreational, commercial, and military drones have seen upgrades such as advanced navigation systems, increased range, data storage, and surveillance systems. Increasing work efficiency and productivity, decreasing workload and production costs, improving accuracy, refining service and customer relations, and resolving security issues on a vast scale are a few of the top advantages drones offer industries globally.

As this technology continues to proliferate, simple weaponized drones carrying explosives or chemical or biological agents will be increasingly within the reach of virtually any state, non-state actor, or individual. Hence there could be serious security concerns that need to be addressed before Drone proliferation goes out of control. Vast increases in the number of drones will require both new, smart regulation and new technological systems for managing drones' interactions with one another too. While drone's benefits are endless, be should remain aware that drone technology has several downsides to it.

In certain respects, Drones will be a transformative technology. As drones at all levels of technological sophistication become increasingly available to responsible and disruptive actors alike, it will be vital to consider the implications of this new strategic landscape and prepare for fool proofing it with appropriate regulations in place.

It will be a mistake to think of government regulation to be an external force, hampering the capabilities of a technology such as Drones. Like manned aircraft and cars are parts of a system; the best car is of little use without traffic control and good roads; air traffic control systems enable airplanes fly without crashing into one another. Vast increases in the number of drones will require both, new smart regulation and new technological systems for managing drones' interactions with one another.

Just as with any form of technology, Drones can be good or bad depending on the purpose of the people flying them. When a new technological domain emerges, different industries, businesses, and organizations encounter the new technology and reconfigure themselves; a new version of the economy slowly comes into being.



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Virtual Reality

(*an advanced software*)

Rajeev Jain
Elect. (1981)

Everything that we know about the real world, comes through our five senses. So, our entire experience of reality or real world is the interpretation of our brain about that information. If we present fictional or artificial information to our senses, our perception of reality would change in response to it. In that case it would be presented with a version of reality that isn't really there, but from our perspective it would be perceived as real. Such condition would be referred as *virtual reality*.



What is VR ?

Virtual reality is an artificial environment that is created with software and presented to the user in such a way that the user accepts it as a real environment. On a computer, virtual reality is primarily experienced through two of the five senses viz sight and sound. It is a computer generated three-dimensional environment in which a person becomes part of this virtual world and he or she can perform a series of actions.

There are a range of systems that are used for this purpose, mainly headsets. They are used to stimulate our senses together in order to create the illusion of reality. If an implementation of virtual reality manages to get the combination of hardware, software and sensory synchronicity just right, it achieves something known as a sense of presence, where the subject really feels like they are present in that environment.

VR devices have headphones which play stereo audio for the user making it feel like the sound is coming from the real world. e.g. if you are in a virtual jungle and a tiger is walking behind you, you will hear its footsteps and rustling of the leaves from behind you. The experience is so real that it actually makes you turn and look behind you in the real world.

Applications of VR

- Main and foremost use of VR is **entertainment industry** - A lot of film production these days happens in VR. Directors, cinematographers, set designers etc first prototype everything in VR to see if it look like they imagined and only then continue with real world set construction and shooting.
- **Medicine**- In the hospitals, a doctor who is far away from the hospital can assist in a surgery or any other expertes remotely.



- **Architecture-** Much easier to visualize 3D models vs 2D blueprints. Architects can actually walk around the designed virtual house and see if all dimensions and measurements are correct. Buyers can also be given a virtual tour of their future home, exactly how it would look like even before laying down a single brick in the real world.
- **Sports-** e.g. Leagues like the NBA (National Basketball Association) allow their users to view the matches in VR, which gives them an experience as if they are sitting in the stadium, right in front of the players. VR is also used by teams to analyze their opponents more closely during training sessions, as a 3D world depicts much more information than a 2D video.
- **The Arts-** VR is being used to create museum tours, make exhibits interactive, and to bring scenes to life.
- **Military-** e.g. Training for many different scenarios without needing to build extensive models for it, and practicing for dangerous scenarios like bomb-diffusal
- **Aviation-** Training flying different kinds of planes in different weather conditions

VR can help us in all those areas where it is dangerous, expensive or impractical to do things in reality. Like, training fighter pilots or training medical surgeons. It gives us real world experience with no risk.

Characteristics of VR Systems

1. Ability to allow the person to view three dimensional life-sized images
2. The environment changes as the person moves around which corresponds with the change in their field of vision. The aim is for a seamless joint between the person's head, eye movements and the appropriate response, eg. change in perception. This ensures that the virtual environment is both realistic and enjoyable.
3. A virtual environment should provide the appropriate responses in real time, as the person explores their surroundings. The problems arise when there is a delay between the person's actions and the system's response. In that case a person becomes aware that they are in an artificial environment and adjusts their behaviour accordingly. The aim is for a natural, free-flowing form of interaction which will result in a memorable experience.

VR Social

Social virtual reality (Social VR) is a simulated environment where VR users can meet, interact, and participate in shared activities like watching movies, playing games, attending concerts, dating or even collaborating at work. Social VR is one of the most important applications of virtual reality technology.



Pros and cons of VR

Pros:

- Visual quality seen in VR is far better than reality. VR technology gives a feeling of another world to a user. Users have tremendous experiences.
- It is highly considered by the disabled people because it helps them in exploring the real world.
- Due to its extensive features, VR has been used in different fields for training.
- VR gives a full and detailed view of a place. For example, it makes tourism sites more interesting and easier. Also for tourism, any one sitting in India can "see" and "walk around" the Eiffel Tower in VR.
- One of the main pros of Virtual reality is effective communication with your friends, relatives, colleagues and even people you don't know in your real life.
- There is no limit for experimenting with an artificial environment for creating other worlds, product demos, etc... in new and interesting ways.
- For education it makes learning easier and interesting.

Cons:

- VR systems are too costly, that's why it is not possible for everyone to afford it.
- Communication using this technology should not be replaced from the actual group of people. Additionally, they would be susceptible to dishonesty.
- Many times, the users of VR gets a feeling of worthlessness. They feel that they are escaping from the real world and sometimes this feeling is proved to be very dangerous for them.
- The users get addicted to the virtual world. This addiction can cause various health issues to them.
- Though VR technology is used in various fields, it is not fully developed. It has many cons due to which it is not fully acceptable.
- VR cannot give the full real world experience yet as it only caters to 2 out of the 5 senses right now. That's why VR training should only be an addition in the overall training of people like pilots and surgeons but not a replacement.
- VR is often isolating, it takes you somewhere else from the existing environment. So, it is the opposite of the main goal to bring people together and interact in a group.



Health Risks due to VR:

1. **Anxiety-** The immersive nature of VR can create stress or anxiety after wearing a headset for more than a few minutes. VR can bring in waves of emotions more than just looking at photos or watching videos. It takes time to get over from this anxiety because the viewers experience everything as if they were there in the scene.
2. **Depression-** After performing VR activity perfectly when the user comes back to reality, everything around the user is less colourful and not ideal. In that case, he or she experiences different emotions including sadness, depression, confusion, and anxiety. This leads to a personality crisis.
3. **Nausea-** Some people complain of headache, dizziness and nausea after using VR headset. It's realistic simulated motions can affect a person's perception of time and space and can induce fatigue, nausea or wooziness. To avoid it, users should take frequent breaks. They should adjust the headset and fix the focal distance.
4. **Eye Strain-** VR headsets can cause severe eye strain among users. They strain their eyes in order to focus on a pixelated screen that uses a single refractive optic element. Headset designers should maintain a large field of view (FoV) and should provide the most comfortable viewing experience for both 2D and 3D content. The methods of safe use and control of some adjustments on the VR headset can reduce the harm. Speakers on the ears are also reasons for hearing problems. Don't listen to high volume content in the VR headset. Almost all VR devices have strict warnings of use for particular sections of the population (elderly, pregnant, and disabled).
5. **Radiation Exposure-** VR headsets expose the user to harmful electromagnetic frequency radiation. These devices make use of wireless connections like Bluetooth or WiFi to connect with your smartphone or computer and are equipped with smart sensors that allow you to be immersed in the VR experience. Some headsets use smartphones, which emit radiation. These radiations can affect the human reproductive system, disrupt sleep, or cause mood swings. Those VR headsets who work together with cell phones and WiFi emit more radiation, and could pose long term health risks. Also increased proximity to the devices increases the level of radiation exposure.

In spite of these health risks there is a positive impact of VR on the brain. We can treat some injuries and damages by the VR sessions. Some unreal things and actions can heal users' brains quickly.

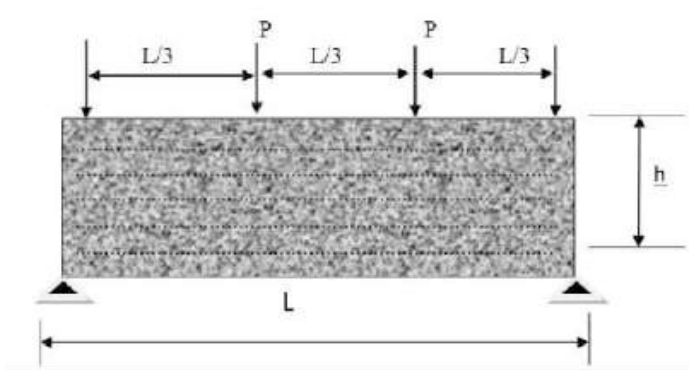
VR is a very promising technology, which may immerse in all spheres of life and make great achievements. But people should take care of their health and enjoy the goodness of VR. That's why the usage of VR should be limited and controlled.



Fatigue test on bituminous mix

Pawan Verma
Civil (1979)

Fatigue is a phenomenon of fracture under repeated cyclic of fluctuating load. The *fatigue Life* (of a bituminous mix sample) is defined as the number of repetitions for which the initial stress or strain changes by an arbitrary factor. A schematic diagram of fatigue testing of bituminous mix. A rectangular sample of bituminous mix is placed on



simple supports and a repetitive load is applied to the sample, and the sample is monitored till its failure. The supports are placed in both the directions because the cyclic (sinusoidal) loading pushes the beam for the duration of half-cycle, and then pulls it for the rest half figure also shows two repetitive loads (separated by 1/3rd of the length of beam L) of equal magnitude P applied to the sample. Two loads are generally used because the bending moment in the middle third of the beam is constant and the shear force is zero; therefore, the failure of the beam takes place due to the pure bending.

Fatigue tests beam are generally conducted under two types of controlled loading. namely controlled stress amplitude and controlled strain amplitude. It is sometimes difficult, specially in controlled strain test, to establish the precise number of repetitions required for failure of the beam. As a consequence, arbitrary definitions of the failure condition of a specimen are adopted, for example, 50% reduction in the initial stress may be defined as the failure of the beam in constant strain testing. As can be justified from layered analysis of pavement, controlled stress fatigue testing is applicable to thick bituminous pavements while controlled strain fatigue testing is recommended for thin bituminous pavements [75,214,349]. Here, the load is measured by a load cell and maximum central deflection is measured by a load cell and maximum central deflection is measured by an LVDT. By using the beam bending moment equation, the strain at the bottom fibre of the beam can be calculated. Also, the stiffness or dynamic (discussed in the subsequent section) of the beam can be found out from load and the maximum deflection.

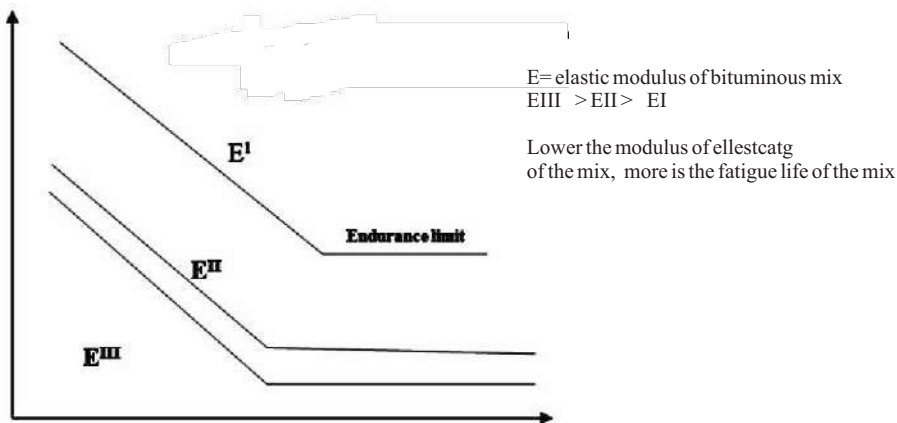


Fatigue performance of bituminous mix

Fatigue results obtained from the laboratory tests are generally expressed as a power law relation between the initial tensile strain ϵ_t at the bottom fibre of the beam, the dynamic modulus of the beam E_d and the number of load applications to failure N_f . It is derived from regression analysis of the experimental results. The general expression for fatigue test result on bituminous mix is given as where k_1, k_2 and k_3 are the regression constants.

$$\frac{n_1}{N_1} + \frac{n_2}{N_2} + \frac{n_3}{N_3} + \dots + 1$$

Laboratory studies show that these constants are affected by material properties such as mixture stiffness, air voids, bitumen content, viscosity of bitumen, gradation of aggregates, dimensions of the test sample, temperature during the tests. and so on [214,215]. "The variation of all these parameters can be taken in to account in the variation of elastic modulus of bituminous mix. Figure 10.43 schematically shows the laboratory fatigue response of bituminous mix for different elastic moduli values (the elastic modulus may be different due to variation in temperature, airvoid, grade of bitumen, aggregate gradation, and so on). As seen so from the figure, the fatigue life of the mix for a given level of tensile strain is higher if the stiffness modulus E of the mix is low. Thus, bituminous mixes with softer grades of bitumen are expected to have better fatigue life; similarly, the fatigue life improves if the temperature is higher and so on. Another interesting thing is observed in the schematic diagram. It is seen that at some threshold level of strain the fatigue life become infinite (that means the sample does not fail due to fatigue). Then is know as endurance limit, and this property is utilized to design perpetual pavement.



Fatigue life (in log scale)
Schematic diagram of laboratory fatigue test result on bituminous mix.



Cumulative fatigue damage principle

Miner [209] while working on fatigue of aluminium metal, in 1945, developed an empirical relationship concerning accumulation of fatigue damage. Similar principle is adopted for designing bituminous and concrete pavements [308,309,310,311]. The underlying principle is described as follows.

If at a strain level s_1 , the sample is subject to n_1 number of repetitions and at a strain level s_2 , n_2 number of repetition, and so on, up to the failure of the sample, then,

$$N_f = k_1 \left[\frac{1}{e_1} \right]^{k_2} \left[\frac{1}{E_d} \right]^{k_3}$$

Where N_1, N_2, N_3 , are the number of repetition for failure in respect of the individual fatigue load test with strain level S_1, S_2, S_3 , respectively.

In the in-service road, axle loads of various magnitudes (i.e different axle loads) apply repetitively loading on the pavement. The above relationship [Eq10.37] finds its application in such cases where the loads of different magnitudes can be considered together to find the cumulative fatigue damage.

Elastic modulus of bituminous mix

Resilient modulus is generally used for strength characterization of soil and granular materials. The moduli used to characterize bituminous material are complex modulus, dynamic modulus, and stiffness modulus. In bituminous mix, when a dynamic

Alternative II may be found to may give the most economical design thickness (62) compared to the other two alternatives.

BC 80/100	BC 60/70	BC 60/70
DBM 80/100	DBM 80/100	DBM 60/70
Alternative I	Alternative II	Alternative III

Alternative bituminous surfacing with different bitumen grades.

Some of the admixtures used for this purpose are natural rubber, crumb rubber, and polymers, (such as Styrene-Butadiene-Styrene (SBS), Ethylene-Vinyl-Acetate (EVA), Low Density Polyethylene (LDPE)).

Er. Pawan Verma is Superintending Engineer PWD & Head Incharge of Building Cell.



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Aviation Architecture in India

Harsh Varshneya

Director, STHAPATI Associates

From being one of the world's fastest growing economies to having one of the world's fastest growing air traffic volumes, India has had its own challenges in the fascinating story of growth in Aviation infrastructure in the country.

When we talk about Aviation, what strikes our mind is the story of a flyer, the journey which begins right from the airport drop off, through the terminal building, through the glazed walls overlooking the aprons with a view of the fascinating aircrafts and the journey the skies safely landing into the point of destination. While this story is aloof from what exactly goes into the building of this entire story, there are many facets such as aeronautical and non aeronautical which have been explored over time in India in line with the best practices around the world, which have enables a sustainable growth of Aviation Architecture in India.



With a paradigm shift in how masterplanning for an airport complex started to be given more importance in the 21st century, the idea of an “airport city” gradually came into India with Mumbai and New Delhi airport leading the way and Bangalore, Hyderabad slowing following into their shoes. While Public Private Partnership definitely allowed for more ideas to pour in a constructive way, focus was also started to be given to Non-Aeronautical Revenue generation, which lends an important part of the funding to any proposed aviation infrastructure. The story of MIHAN in Nagpur is a fine example of how Maintenance, Research and Overhaul Facility has been brought into the country to allow for giants like Boeing and Airbus to setup facilities within India that not only saves the aircraft from flying out to countries like Singapore and Indonesia for repairs but it also saves a huge percentage of money to then be infused in other aviation infrastructure facilities within India which act as a boon to the aviation business. The Aerocity in New Delhi is a fine example of a hospitality district within the IGI Airport precinct that has brought to the capital city, world class commercial and hospitality development and given confidence to the private investors to infuse more funds into the aviation precinct within the capital city.

While the progress in masterplanning has taken a strong pace of development, the story behind the terminal buildings has been slow and fast at the same time. While the Terminal 2 in Mumbai was one of the first examples of airport modernisation in India, Terminal 1D followed in closely with a close knit airport terminal where form truly followed function in the real sense and explored the large span steel structures to give a grand passenger experience right from the city side drop offs to the grand escalators going down towards the the boarding gates. In fact the sense of “passenger movement” has been well celebrated with the escalators freely allowing for vertical circulation across different levels



with a view of the aesthetically pleasing modular roof structures which was first explored as a portal modular frame for the Stansted airport by the much famed Lord Norman Foster, who has led the story of Aviation Architecture across the world. The giant roof of the Stansted airport seems so lightweight and the huge glass walls lend so much of natural daylight that there would be no requirement of electricity even on a grey day!

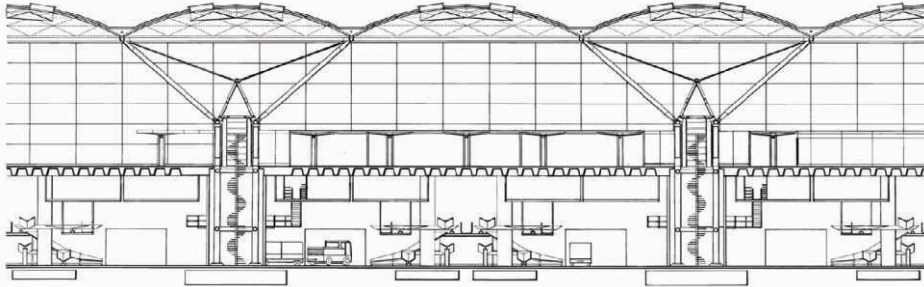


Fig 1: The light weight modular frame structure at Stansted airport allowed for huge spans within the terminal building, *source- foster+partners*



Fig 2: Giant glazings allow for abundant day light within the airport complex at the Stansted airport, *source- foster+partners*



Fig 3: Terminal 1D, one of the first terminal buildings in the country to explore large span structures allowing abundant day light within the building



There has been a phase in the Aviation Architecture in India where the efforts to make the terminal buildings grand have led to the terminal buildings overpowering the context which is a very important part of the urban fabric of any city it is situated in. With some of the terminal buildings imitating space ships in recent times, completely ignoring the urban context, there has been a demand from the airport operators and various stakeholders including the Government of India to make the Airport terminals more responsive to the context and this has led to really fine results in Aviation Architecture. We have some of the best world class terminals upcoming in the country where the Architects have pushed the limits in responding to the context and making the terminal in line with the culture of the place where the people can respond to the building and accept the terminal as it is their “very own” building in the city its situated in.

The upcoming domestic terminal in Leh is a fine example where the airport terminal keeps up with the philosophy of ancient Buddhist Wisdom intertwined with modern ethos, the design closely incorporates Buddhist Design Elements in the structure. The airport terminal building in Ladakh, which is one of the most picturesque places in the world, is very close to our heart. Throughout the design process, we, as architects, kept into mind the place we were going to build in- the city of LEH, for its difficulties in terrain, for one of the most complex weather systems and wind directions which guide the aircraft movement and ofcourse, the rich culture and heritage of the Ladakh region, which became our foremost point to respect. The sanctity of this winning design was to protect what Ladakh was all about ranging from the Stupas, to the prayer wheel, to using the skills of the local craftsmen in producing wonderful art works that depict Ladakh. The Ladakhi culture was made the forefront and rest everything followed on it own!

Designing for a building in a region like Ladakh is always a challenge with sub-zero tem- peratures for most parts of the year. Apart from this, the terrain is a challenging aspect. For most of the airports we see around the world, we have a handful of examples in which the passengers descend down post the check in as in this case, the passenger enter the airport on top of a hillock and descend nearly 20 metres to reach the boarding point to the aircraft. The entire airport is upside down and the challenge was to make the airside visible right from the entrance to allow for views across to the beautiful rugged terrain of the Ladakh region. Successful amalgamation of the best engineering practices with the cautious yet striking design was a major success for our airport building at Leh.

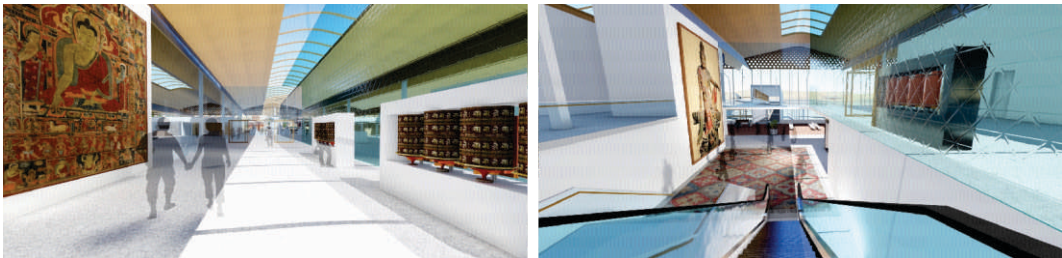


Fig 4 & 5: The upcoming Leh Terminal building is an amalgamation of Buddhist features and one of the finest examples of seamless passenger movements within the terminal



With the focus shifting to the need for the terminal building to respond to the context its situated in, our current ongoing project at the Imphal International Airport takes inspiration from the famous Loktak lake and the abundant fishing activity in the Manipur region.

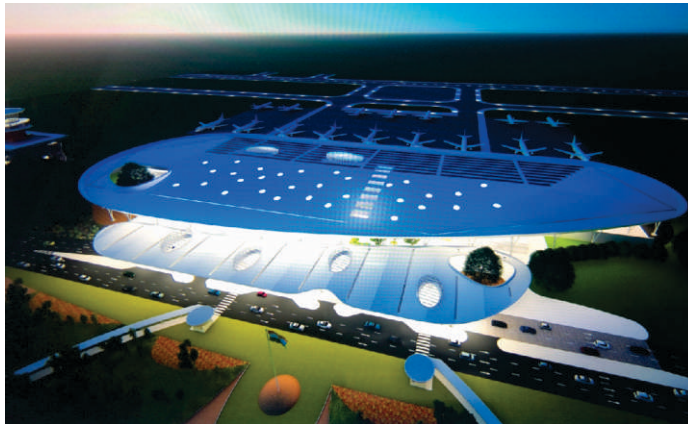


Fig 6: The upcoming Terminal building at Imphal, Manipur is an inspiration from the famous Loktak lake, the abundant clouds over the Imphal Airfields and the fishing activities in Manipur making the building feel to the people as “their very own building” responding to the context of the place its being built in.

The Aviation Architecture in India has grown in leaps and bounds over the past few decades pushing the Architects and planners to the limit, drawing inspirations from the silver lining higher up in the skies to the primitive place where the buildings are being built in, thus responding to the context which forms the very basis of an Architectural Story uncovered by

the terminal for its flyers giving them a world class experience for their fascinating journey through the skies!

Harsh Varshneya- has intensive experience of working on multi-disciplinary projects in India and abroad. His professional work in UK and dense urban areas of India are complemented by his studies in Sustainable Tall Buildings (M.Arch) as a Developing Solutions Scholar in Nottingham where he focused on tall building design in dense urban areas with an ultimate aim of achieving the highest levels of social and environmental sustainability. A triple Gold medallist during his architecture, his work with one of Europe's leading Architectural firms in London allowed him to work on large scale mixed use schemes in UK and Malaysia. Harsh has a proven track record of successfully taking part and contributing immensely in some of the most complex projects in India ranging from Aviation sector to Masterplanning of new urban areas in hilly terrains. Actively involved in the Research and Design cell, Harsh's role has been to direct the creative output of the firm in live projects across India ranging from upcoming high rise projects in Gurgaon, Technology enabled Light House Projects across India & foray into Aviation sector in India. Harsh's journey as an architect has evolved to understand the complexity and responsibility involved in changing the natural and built environment.



Lucknow Cityscape—the Bygone to contemporary!

Vipul B.Varshney
Architect, Planner, Author
and Heritage Enthusiast

Lucknow is not merely about frozen landscapes; it is about ever-changing dynamics of cultural geographies representative of socio-economic and political change of, and in a region. The conspicuous urban spatial and visual insertions that have resulted in the creation of a new cultural-scape in the city of Lucknow.



The architecture of old Lucknow has been so often condemned by superficial European visitors, who, without understanding its nature, design and utility, pass their immature opinion, that it is high time, that we should disabuse them of their prejudices. It is very unfair to judge of a foreign country by the standard of one's own ; and to criticize Lucknow architecture by the rules of Palladian Art, Lucknow architecture, to the extent, that neo classical are is adopted to oriental purposes ; this, however, has never been a success in India. The truth is, Lucknow architecture has better and inner parts, which no superficial observer can discover.



Jama Masjid at Bara Imambara



La Martiniere

Hitherto the local architecture has been judged from two points of view only,(1) when seen at a distance, (2), when seen at a new year view. In both cases, external features only are considered. But interior features, decorations, &c., are altogether lost sight of. None has seen them from an analytical point of view, so as to detect and discover what is intrinsically bad or good.

According to Ruskin, architecture has three virtues :

1) “ That it act well and to the thing it was intended to do in the best way” – that is a regard the convenience of the dwellers, a house, closely built like Bungalows, and without having any inner opening for courtyard, as those of the wintry climate of England, suit the really torrid zone of Oudh.



2) “That it speak well and say the thing it was intended to say in the best words.” Thus a tomb should look of a solemn character, a Masjid- grave and pure ; a palace airy and elegant; and the ornaments and decorative construction should be appropriate to the nature of the work. Whether seen from a distance or from a near point, the local edifices will not disappoint you, if you judge them by the pure principles of the Indo-Saracenic Art, and not by that of the Renaissance School, now antiquated.

3) “ That it look well and please us by its presence, whatever it has to do or say.” When seen prospectively and at a distance, Lucknow architecture has, at least had a most favorable impression on the mind of the visitors.

Whether ,they are the Nawabi buildings of yore or the colonial architecture-the parameters hold good.All the buildings dotting Lucknow’s skyline-the Imambaras,the tombs,the palaces have these uniqueness and features ,we all can see.

Another notable aspect of Lucknow’s architecture was the landscaping around monuments, which had made it a city of gardens and parks. Most of them have been ravaged by time but some of their ornamental gateways and enclosures bear testimony describe the charm and splendor of the monuments and gardens.The temples like Sheetla devi mandir, Jaganath temple, Chandrika devi mandir ,Sangat mandir, Aliganj hanuman temple have their own styles like Jain style,constructed at various times with piousness and sacredness for them rooted in the hearts of the lucknowites.The waterbodies like Hussainabad and Sheeshmahal ka talaab,Bakshi ka talaab, Surajkund,Tikait rai ka talaab are some of the few, which are focus of attention.

The evolution -

Colonist-And What did they create....Bishop Reginald Heber,in 1828, who visited Lucknow as early as 1824-1825 describes Hazratganj “Wider than the High Street at Oxford,but giving some distant resemblance to it in colour of its buildings and the general form of Gothic style of the greater part of them..” This splendid road was planned as a processional route by Saadat Ali Khan, having two imposing ceremonial gateways, half Grecian & half Moorish on either end, to cordon off the exclusive Royal Residential Enclave ,from the rest of settlements. After winning over the Indian in the revolt of 1857 the British were determined to make Lucknow and other cities – ‘safe, hygienic and clean’ writes Veena



Hazratganj 1970



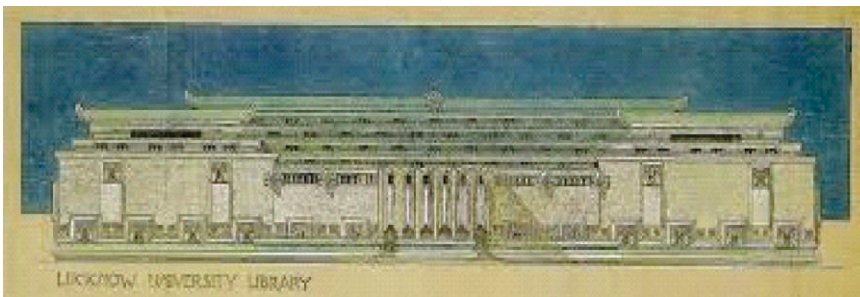
King George Medical College



Talwar Oldenberg in her iconic research ‘The Making of Colonial Lucknow’. The Western thread represented in the Anglo Indian lifestyle in Lucknow lives on in the environment of the estate of the La Martinere. The growth of Western sensibilities, and presence of a greater foreign population in the city led to the fashionable marketplace- Hazrat Ganj one which provided of European goods and service.

The Edwarian era witnessed the construction of some of the finest British public buildings in the city. All Saints(New Garrison), St.Peter’s railway church,at Charbagh are some of the few .Lishman designed King George Medical College and the Prince of Wales laid the foundation stone on December 26,1905.Subsequently ,Lucknow University was combined with the Medical College(1910-1912) and Hospital (1905-1914) with Canning College (1909-1911) and the Isabella Thoburn College for women(1923) to create one institution.Though Thoburn College is in the classical style,the other sections of the university was designed by Sir Samuel Jacob.The architect also designed Lucknow Victoria Memorial,the Charbagh Railway Station,the brick and stucco finished Arabic School ,now called Darul-ul-oom Nadwat-ul-Ulema at Tagore Marg and the Amir-ud-daula Public library (1921) at Qisairbagh in the Indo-Saracentic style. Few other buildings of this era are-Council Hall ,designed by Henry Lanchester and Thomas Lodge,they also designed Telegraph Offices at Hazratganj.The building is the fusion of Art deco,Hindu,and Beaux-arts styles and it adds another bold tower to the skyline of Lucknow.

The Modern era started with the appearance of Walter Burley Griffin (1876-1937) in lucknow,in November 1935, prior to Indian Independence.Griffin worked with his wife Marion Mahony Griffin and they brought brilliant vision of “modern “ architecture.They designed Pioneer Press Building in 1936 and also the Tagore library at the university.



Tagory Library at University of Lucknow- architects drawing

In India,specially, commemoration, or celebration of the memory, becomes a collective ongoing re-enactment of the greatness of the leader in the public realm that the post-independence leaders exploited to their great political advantage.The very visible new five monumental projects in Lucknow include the Parivartan Chowk, the Perna Kendra, Ambedkar Maidan, Ambedkar Memorial, and Ramabai Maidan. Two of these are building complexes (Perna Kendra and Ambedkar Memorial) and the remaining three are public spaces where the building structures are dwarfed by the extent of enclosed space.



Now the new scale is not quite as ambitious. Yet the giant parks in Lucknow must rank among the greatest new public spaces created in any Indian city since Independence. The parks are ringed by sandstone lattice walls that seem to come straight off the drawing board of Lutyens. Architect has used a creamy sandstone, different in colour from Lutyens' red, but the style is startlingly similar. The memorials have domes reminiscent of the dome of Rashtrapati Bhavan, built for the Viceroy to occupy in Delhi. Some architects believe that in designing Rashtrapati Bhavan's dome, Lutyens aimed to incorporate elements of Buddhist architecture. They also have sandstone lattice walls. Like Lutyens and the Mughals earlier, They have used architecture to send out a political message. Lutyens' New Delhi aimed to symbolise the glory of British imperial rule. Shahjahan's Red Fort aimed to symbolise the glory of Mughal rule. Lucknow now symbolised the rise of underdogs, the infamous lower class of India, mixing this with memories of the ancient glory of Buddhist India. In contemporary Lucknow, the cultural geography is infused with new features in the forms of public spaces and in other nuances of the tangible heritage. This challenges, or even mocks, the silent architectural legacy of the Nawabs, and visually there is a powerful statement of an inversion of the social structure in the city, where the Nawabs and their exotic culture are silent silhouettes of yesteryears.

The Ambedkar Udyan, designed by Satish Gujral, on the banks of the river Gomti, has become a major landmark of Lucknow.. Sprawling over 25-acres, the domed memorial hall crowns a cascading built structure and replete with Buddhist imagery- Chaitya openings, domes reminiscent of stupas, elephants- the form is derivative of the Indic archetype of the sacred hill ringed by the seven seas.



Parivartan chowk



Ambedkar Memorial

Thus, the parks abound with Buddhist architectural features, like the presence of the Harmika or the square railing in the parks that create an exclusive sacred space for the collective community. Movement to and in all the parks both inside and outside are controlled, which sends out the message that this sacred space is exclusive and demands respect. Then there are the domed buildings imitating those of the circular top of Buddhist stupas, pillars with the Ashoka Chakra (as testimony of imperial power) and again the presence of the elephants, a symbol associated with the birth of Buddha.



The eight principles of Buddhism are symbolized in the eight sections of the landscape created by swirling pathways Chattries on the elevated terrace provide outlook points to the larger urban landscape of the river Gomti, the street bridge with its gateway over the river and the riverfront plazas.. A raised entry plaza gives a vantage point to the long vista of the Memorial. The buildings, clad in the Dholpur sandstone with glass facades towards the piazza reflect the Memorial. A four-faced marble statue of Gautam Buddha dominates the soaring sky-lit three-storey atrium of the Museum and Buddhist urns on pillars line the buildings and form the converging view shed to the piazza.



Samajik parivartan Prateek sthal



Dr. Bhimrao Ambedkar Gomti
Buddha Vihar

The ushering of soft landscape once again with the Ram Manohar Lohia Park which was the other green contribution by the state, opened in 2005, has 18-ft bronze statue of leader Lohia, water body, walking tracks with music systems and open gymnasium in 80 acres of land. Janeshwar Mishra Park was opened in 2014. It has a 10.5-km walkway and a water body with gondolas, and will get a 5.28-km cycle track. It Has English and French gardens with walking tracks of various kinds.

Though an inheritor of Delhi's architectural tradition, that of Lucknow was more than an adaptation. Various regional and local building techniques mingled to give the architecture a distinctive character of its own. However, such perceptions miss the point of this architecture, and discourage others today from engaging with the fascinating forms that emerged from the vibrant interaction of two dynamic cultures. "Lucknow was the Baghdad & Cordova of India and Nishapur and Bokhara of the east" writes Abdul Halim Sharar, the heart of this enthralling magnificent city, undoubtedly, lies in this amalgamation of styles.

But as new globalized shops have emerged in the elite Hazrat Ganj Market and tucked in one corner are new spaces the Cafes like Cherry Tree Café in the famed Habibullah Estate, similarly state buildings like Police headquarters, UP Police, SIDBI office building, Income Tax new building have emerged as new icons of new Lucknow. They are in sync with the style prevailing globally and sometimes incorporating vernacular elements like



The Ekana stadium

Lucknow has cultural icons as well- Lakshman (after whom the city is named) in Lakshman Park, the river goddess Gomti in Kudiya Ghat, Buddha in Buddha Park, and ancient Indian astronomers, physicians and mathematicians in Suraj Kund. The life-like representations lend the famous name a vivid image, in keeping with the dual significance of nama and rupa in Indic religious thought and philosophical discourse. Some statues are the focus of commemorative events; others simply become bird perches, a forgotten presence as the traffic rushes around them. They are urban landmarks and nodes, part of the chaotic visual scene of giant billboards, hoardings, and posters in the streetscape. While the river remains without boats and still meander, the pleasure of boat trips may be rediscovered but with the blueprints in front on tables of promising metro for commuting!. The courtyard style houses or kothis of mohallas giving way to eclectic mixed style bungalows of Gomtinagar via the swanky flyovers and malls!!, Lucknow is a city once more in transition! blessed with splendid past but shall be in the years ahead, confronted with great pressures on its historic fabric, which is thirsty for its rejuvenation and conservation!! In conclusion, it can be said that the ideas of architecture remains dynamic and is representative of ongoing social change in different contexts of time and space. It is not a frozen idea, and heritage interpretation and presentation presents a continuous challenge and commentary on societies.

Founder Director: Sthapati Associates, India

Convener : Indian National Trust for Art & Cultural Heritage, Lucknow

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तन्हाई

निधि जैन

(पत्नी-राजीव जैन- 1981)

आज खाने की मेज पर विराट ने बड़ी ही सहजता से कह दिया, “मैंने कभी भी तुमको नौकरी करने से मना नहीं किया। न ही मैं कभी इसके विरुद्ध था। मैं तो इस मामले में निष्पक्ष था। नौकरी छोड़ने का निर्णय सिर्फ और सिर्फ तुम्हारा था।” विराट के मुँह से यह बात सुन कर तो जैसे कनु के ऊपर बिजली गिर पड़ी हो। बीस साल की विवाहित जिन्दगी में कम से कम नहीं तो हजार बार वह स्पष्ट रूप से कह चुकी थी कि उसने नौकरी विराट की खुशी के लिए ही छोड़ी थी।



कनु पढ़ी-लिखी एक काबिल लड़की थी। मह-बाप का तलाक उसके जन्म के पांच साल बाद ही हो गया था। पिता ने दूसरी शादी कर ली और फिर पलट कर कभी नहीं देखा। मां ने अकेले अपने दम पर उसे बड़ा किया था। आम लड़कियों की तरह उसने कभी सफेद घोड़े पर सवार राजकुमार के सपने नहीं देखे थे। उसे तो बस एक ऐसा जीवन साथी चाहिए था जो उससे प्यार करे, उसे सम्मान दे, उसकी भावनाओं को समझे और जिन्दगी के सफर में उसका हाथ थाम कर हमेशा साथ-साथ चले। अपनी जिन्दगी बनाने के लिए अकेला ही आगे न बढ़ जाए, कभी पलट कर यह भी देखे कि उसका साथी कहीं पीछे छूट तो नहीं गया।

विराट और कनु ने प्रेम विवाह किया था। पहली मुलाकात से शादी तक का सफर उन्होंने सिर्फ तीन महीनों में तय कर लिया। कनु की मां ने उसे बहुत समझाया, “जल्दबाजी न करो कनु, पहले एक दूसरे को अच्छी तरह समझ लो। शादी तुम्हारा कम्प्यूटर नहीं है कि जो सही नहीं लगा उसे डिलीट कर दिया।” पर कनु कहाँ सुनने वाली थी। आखिर उसकी जिद् के आगे मह को झुकना ही पड़ा।

शुरू-शुरू में सब अच्छा था। कनु को लगा जैसे वह कोई खूबसूरत सपना देख रही हो। विराट के पास उसके लिए वक्त भी था और प्यार भी। सब कुछ एक आदर्श विवाहित जीवन की तरह चल रहा था। कनु चाहती थी कि सब कुछ जीवन पर्यन्त बिल्कुल ऐसे ही चलता रहे। इसलिए उसने नौकरी छोड़ कर विराट के साथ ज्यादा से ज्यादा वक्त बिताने का निश्चय किया। उसने शादी के पहले ही विराट को बता दिया था कि उसके जीवन में पैसे की अहमियत कम और पारिवारिक खुशियों की ज्यादा है। कनु ने अपने जीवन में पिता की कमी हमेशा महसूस की थी, इसलिए वह एक आदर्श घर चाहती थी। एक ऐसा पति जिसके पास उसके लिए वक्त और प्यार की कोई कमी न हो, भले ही पैसा कम हो।

नौकरी छोड़ना कनु के लिए आसान नहीं था। उसने बड़ी मेहनत से इस नौकरी में अपनी एक जगह बनाई थी। अब उस मेहनत का फल मिलने का समय आ गया था। दफ्तर में उसे एक बड़े प्रोजेक्ट का नेतृत्व दिया जा रहा था। यह उसका सपना था कि एक दिन वह अपने दम पर किसी बड़े प्रोजेक्ट का नेतृत्व करे, पर दफ्तर



और घर की जिम्मेदारी के साथ वह विराट के लिए वक्त कहाँ से लाएगी? यही सब सोच कर उसने माँ को नौकरी छोड़ने का निर्णय बताया तो माँ ने समझाते हुए कहा, “बेवकूफी मत करो, कनु! थोड़ा धैर्य से काम लो। वक्त के साथ सब ठीक हो जायेगा।” उसने एक बार फिर माँ को अनसुना कर दिया था।

कनु ने नौकरी छोड़ दी। विराट अच्छी तरह जानता था कि वह नौकरी क्यों छोड़ रही है, पर उसने एक बार भी मना नहीं किया, बल्कि वह इस बात से खुश था। धीरे-धीरे विराट व्यस्त होता गया। कनु कहीं भी चलने या साथ में समय व्यतीत करने को कहती तो विराट का एक ही जवाब होता, “आज बहुत थक रहा हूँ, फिर कभी।” इन बातों को ले कर दोनों के बीच झगड़े होने लगे। साथ बिताने वाला वक्त कम होता गया और कनु ने मान लिया कि प्यार भी कम हो गया। कभी-कभी कनु को लगता कि उसने माँ की बात न मान कर गलती की है। उसे नौकरी नहीं छोड़नी चाहिए थी। इससे पहले कि वह दोबारा नौकरी करने का मन बनाती, उसे पता चला कि वह माँ बनने वाली है।

शादी के तीन साल बाद कनु एक बेटे की माँ बन गयी। उसका पूरा समय बेटे और घर की देखभाल में बीतने लगा। अब विराट का व्यस्त रहना उसे खलता नहीं था। वह अपनी बेटे के साथ खुश थी। दोनों की व्यस्तता ने उनके बीच वार्तालाप और भी कम कर दिया था। दोनों आपस में कम से कम शब्दों में बात करते और इस बात का अहसास दोनों को ही नहीं हो रहा था। घर में पूर्ण रूप से शान्ति थी। न कोई लड़ाई न झगड़ा। शायद कनु ने विराट के साथ समझौता कर लिया था।

सब कुछ सामान्य चल रहा था कि कनु की जिन्दगी में वह पल आया जब उसकी बेटे पढ़ने के लिए घर से दूर किसी दूसरे शहर चली गई। कनु के जीवन में एक बार फिर सूनापन आ गया। यह अकेलापन पहली बार से ज्यादा भयानक था। कनु अपने जीवन के उस दौर से गुजर रही थी जहाँ अक्सर महिलाएँ हार्मोनल असंतुलन के कारण डिप्रेसन का शिकार हो जाती हैं। बेटे का घर से जाना, विराट की पहले से भी ज्यादा व्यस्तता, कनु की उम्र का यह पड़ाव, सब ने मिल कर एक बार फिर उसे नौकरी के बारे में सोचने के लिए मजबूर कर दिया। इतने सालों के बाद दोबारा नौकरी करने की वह हिम्मत नहीं जुटा पा रही थी। वह चाहती थी कि विराट उसे प्रोत्साहित करे तो वह सब कुछ कर लेगी। उसने प्रत्यक्ष एवं अप्रत्यक्ष दोनों तरह से विराट के सामने अपनी इच्छा व्यक्त की, पर वह हमेशा खामोश रहा।

पिछले बीस सालों में कनु के हर करीबी व्यक्ति को उसके नौकरी न कर पाने की छटपटाहट साफ दिखाई पड़ती थी। यह कैसे मुमकिन था कि विराट को यह कभी दिखाई नहीं पड़ी। यदि दिखाई दी तो वह अन्जान क्यों बना रहा, कभी प्रोत्साहित क्यों नहीं किया। आज अचानक यह कह कर कि “मैंने कभी भी तुमको नौकरी करने से मना नहीं किया।” आखिर वह साबित क्या करना चाहता है। सिर्फ शब्दों से मना करना ही जरूरी नहीं, कई बार आप के हाव-भाव और खामोशी सब कुछ कह देते हैं। कभी-कभी हम बड़ी-बड़ी बातें सहजता से सह जाते हैं और एक छोटी सी बात हमारे दिल में तीर की तरह चुभ जाती है। यह घटना भी कुछ ऐसी ही थी, जिसने कनु को अन्दर तक आहत कर दिया था। हमेशा हँसने-बोलने वाली मस्त-मौला, खुश-मिजाज कनु अपनी जिन्दगी में कब इतनी संजीदा हो गयी यह उसे खुद भी न पता चला।

शादी के बाद से कनु का अपने दोस्तों और रिश्तेदारों से सम्बन्ध न के बराबर ही था। अब उन रिश्तों को



पुनर्जीवित करने का वक्त आ गया था। कनु ने घर बैठ कर सिर्फ विराट का इंतजार करना छोड़ दिया और अपने रिश्तेदारों और पुराने दोस्तों से मिलने-जुलने लगी। अब वह व्यस्त रहने लगी थी और उसके जीवन की उदासी भी काफी हद तक दूर हो गयी थी।

विराट कनु में एक बदलाव महसूस कर रहा था। अक्सर जब वह दफ्तर से घर आता तो कनु घर पर नहीं होती, पहले तो कभी ऐसा नहीं होता था। एक रात कनु काफी देर से घर आई। उसे देख कर लग रहा था कि वह किसी पार्टी से आ रही है। विराट के पूछने पर उसने बताया “आज मेरे कालेज का रीयूनियन था। हर साल होता है, पर मैं पहली बार गयी थी। इतने सालों बाद पुराने दोस्तों से मिल कर बहुत अच्छा लगा। कल सुबह हम लोग शहर के बाहर एक दोस्त के फार्म हाउस पर जा रहे हैं। लौटने में देर हो जायेगी।” विराट हक्का-बक्का उसे देख रहा था। हर छोटी बड़ी बात पूछ कर करने वाली कनु उससे पूछ नहीं रही थी, सिर्फ बता रही थी।

उसने सकपका कर कहा, “और मेरा खाना-नाश्ता?”

कनु ने बड़े ही सहज भाव से कहा, “दफ्तर की कैटीन में खा लेना। एक दिन में कोई फर्क नहीं पड़ता।” यह कह कर कनु चादर तान कर सो गयी। विराट देर तक उसके बदले तेवर देखता रहा। यह वही कनु थी जो एक दिन भी कैटीन में नहीं खाने देती थी। कनु बदल गयी थी और हालात भी। पहले थका हारा विराट पलंग पर लेटते ही सो जाता था और कनु को देर रात तक नींद नहीं आती थी। आज सब कुछ विपरीत था। उस दिन विराट को देर रात तक नींद नहीं आयी।

बहुत कुछ बदल रहा था। खाना अब नौकर बनाने लगा था। कनु तो अक्सर घर के बाहर ही रहती, जब घर पर होती तो पूरे समय अपने मोबाइल और लैपटॉप पर व्यस्त रहती। यह देख कर विराट को आश्चर्य होता क्योंकि पहले यही कनु उसके मोबाइल इस्तेमाल करने पर नाराज होती थी। कुछ बातें अभी भी नहीं बदली थी, आज भी उसकी प्राथमिकता उसकी बेटी थी। जब वह घर आती, कनु अपना पूरा समय उसके नाम कर देती। उसके पसंद का खाना बनाती, उसके साथ बाजार जाती, उसे फिल्में दिखाती। दोनों पूरा समय साथ में बिताते।

एक दिन विराट अपने काम के सिलसिले में किसी व्यक्ति से मिलने होटल पहुँचा। उस व्यक्ति ने विराट को होटल के रेस्तरां में इंतजार करने को कहा। जब वह रेस्ट्रा में दाखिल हुआ तो ज्यादातर मेजें खाली थीं। वहाँ कोने वाली मेज पर लगभग विराट की उम्र का एक जोड़ा बैठा था। महिला की पीठ दरवाजे की तरफ थी, इसलिए विराट उसे देख नहीं पाया। आदमी उसके लिए अन्जान था, इसलिए बिना उन पर ध्यान दिए वह एक खाली मेज पर बैठ गया। विराट अपने मोबाइल में व्यस्त था कि उसे ऐसा लगा जैसे कोने वाली मेज से कनु वेटर को आवाज दे रही हो। विराट ने गर्दन घुमा कर जब उस तरफ देखा तो वह आश्चर्यचकित रह गया। वह महिला कोई और नहीं कनु थी। विराट कनु को एक अनजान आदमी के साथ देख कर परेशान हो उठा। वैसे भी आज-कल कनु के तेवर कुछ बदले हुए थे। तरह-तरह के विचार उसके मन में आने लगे। तभी उस वेटर ने आकर विराट से कहा, “सर, वह मैडम आप को वहाँ पर बुला रही हैं।” विराट ने देखा, कनु उसे इशारे से बुला रही थी। विराट अनिच्छा से वह गया और कनु के पास वाली कुर्सी पर बैठ गया। कनु ने उस अन्जान आदमी से विराट का परिचय करवाया, “यह राहुल है, मेरा कॉलेज का दोस्त।” राहुल ने गर्मजोशी के साथ हाथ मिलाने के लिए बढ़ाया तो विराट ने बेरुखी से हाथ आगे कर दिया। विराट को विश्वास हो गया कि कनु के व्यवहार में आए परिवर्तन का कारण राहुल ही है।



तभी वेंटर खाना ले कर आ गया। विराट कनु पर तंज कसते हुए बोला, “तुम लोग अपने खाने का आनन्द लो। मैं बेकार ही बीच में आ गया।” राहुल ने विराट को खाने पर रुकने के लिए जोर दिया पर वह काम का वास्ता दे कर जाने लगा। तभी प्रसाधन-कक्ष से निकल कर एक महिला राहुल की पास वाली कुर्सी पर बैठ गयी। राहुल ने परिचय करवाते हुए कहा, “सु यह कनु के पति विराट हैं और विराट यह हैं मेरी पत्नी सुप्रिया। दिल्ली में इनका आभूषणों का एक बड़ा शोरूम हैं और मैं उसमें इनका सहायक,” कह कर राहुल खिलखिला कर हँस दिया। सुप्रिया ने अभिवादन करते हुए कहा, “अच्छा हुआ आप से यहां मुलाकात हो गयी नहीं तो हमें आप से मिलने आप के घर आना पड़ता। जब भी मैं कनु से मिलती हूँ यह बस आप के ही गुणगान करती रहती है। देखना चाहती थी आखिर आप क्या शख्सियत हैं।” राहुल हँसते हुए बोला, “यार विराट सच बताऊँ मुझ में तो हीन भावना आने लगी है।” तभी बीच में ही सुप्रिया बोल उठी, “विराट मेरी दुकान के पाँच आभूषण पेरिस में होने वाली अंतर्राष्ट्रीय आभूषण प्रदर्शनी में चुने गये हैं और तुम्हें यह जानकर खुशी होगी कि वह सभी डिजाइन तुम्हारी पत्नी ने बनाये हैं। हमने इसे यही बताने के लिए यहाँ बुलाया था। यह बहुत ही प्रतिभाशाली है।” यह सुन कर विराट को आश्चर्य भी हुआ और खुशी के साथ-साथ गर्व भी। आश्चर्य इसलिए क्योंकि उसने कभी कनु को ऐसा कुछ करते देखा नहीं था और देखता भी कैसे, उसे कभी अपने काम से फुर्सत ही नहीं मिली। वह तो उसे केवल एक गृहिणी ही समझता था। इससे पहले कि वह अपनी भावनायें कहता, कनु ने शरमाते हुए कहा, “इसका पूरा श्रेय सुप्रिया को जाता है, उसने ही मुझे निरंतर प्रोत्साहित किया। उसकी मदद के बिना मैं यह सब कभी नहीं कर पाती।” सुप्रिया बोली, “ऐसा कुछ नहीं है। तुम्हारे अंदर हुनर था, मैंने तो केवल उससे तुम्हारा परिचय करवाया है।” फिर वह विराट की ओर रुख करते हुए बोली, “विराट, तुम्हें नहीं लगता कनु को हमारे साथ पेरिस आना चाहिए?” विराट ने सुप्रिया की हाँ में हाँ मिला दी। राहुल ने झट से कहा, “कनु अब कोई बहाना नहीं, तुम हमारे साथ चल रही हो।” कनु ने इनकार में गर्दन हिलाई। सुप्रिया ने विराट की ओर रुख करते हुए कहा, “विराट दर असल कनु का कहना है कि तुम्हें उसके बिना रहने की आदत नहीं है।” यह सुन कर विराट मुस्कुराते हुए बोला, “यह बात तो बिल्कुल सही है। शादी के बाद एक भी दिन कनु मुझे छोड़ कर नहीं गयी। वैसे तुम लोगों का कितने दिन का प्रोग्राम है?” राहुल ने कहा, “तीन दिन तो प्रदर्शनी में लगेंगे। एक दिन पहले पहुँचना होगा। फिर हमारा तो वही से १५ दिन के लिए यूरोप घूमने का प्रोग्राम है। कनु चाहे तो हमारे साथ आ सकती है, नहीं तो वह वापस जा सकती है।” विराट ने गंभीर स्वर में कहा, “बड़े स्वार्थी दोस्त हो, काम निकल जाने के बाद अपनी दोस्त को वापस भेज दोगे।” यह सुन कर सभी शांत हो गये। एक मिनट के लिए वहाँ खामोशी छा गयी। सुप्रिया ने धीरे से कहा, “कनु तुम्हें छोड़कर नहीं जाना चाहती, इसलिए हमने सोचा कि” सुप्रिया अभी अपनी बात पूरी कर भी नहीं पायी थी कि विराट जोर से खिलखिला कर हँस पड़ा, “अरे! मैं मजाक कर रहा था। कनु मुझे छोड़ कर बिल्कुल नहीं जायेगी।” सुप्रिया और राहुल दोनों ने एक साथ कहा, “पर...” विराट ने मुस्कुराते हुए कहा, “मैं भी कनु के साथ जाऊँगा और हम सब साथ में यूरोप घूमेंगे। तुम मुझे यात्रा का विवरण दे देना। मैं टिकट व होटल बुक करा लूँगा।” तभी उस व्यक्ति ने रेस्ट्रॉ में प्रवेश किया जिससे मिलने विराट आया था। विराट अपनी कुर्सी से उठ खड़ा हुआ। जाते हुए उसने कनु की ओर प्यार से देखा और अपना अंगूठा ऊपर कर स्वीकृति और गर्व दोनों प्रकट कर दिये। कनु की आँखें खुशी से छलक आयीं।

लखनवी लहंगा

के.के. श्रववाल
Elect. (1972)



वाह-वाह क्या लहंगा है ? हाथ में माला लिये जैसे ही संजना ने पण्डाल में पाँव रखा, सबके मुँह से बेसाखा निकल गया- वाह, क्या लहंगा है ? लहंगे की छटा ही ऐसी थी कि सारी महफिल गमक उठी ।

झिलमिलाते एल.इ.डी. बल्बों की छाँव में गेट से स्टेज तक बिछी सुर्ख कार्पेट पर चटख जामुनी रंग का लहंगा पहने, गोरी-चिट्ठी संजना ऐसी लग रही थी जैसे परी चल रही हो ।

लहंगा-लहंगा-लहंगा । उस रात सारी महफिल में चर्चा थी तो बस लहंगे की । कहाँ से लिया होगा? किसने बनाया होगा ? इतना खूबसूरत लहंगा तो शम्भू दयाल जी के यहाँ का ही हो सकता है । इतना फाइन काम और तो कहीं होता ही नहीं । लेकिन शम्भू दयाल जी के यहाँ तो लहंगे शुरू ही एक लाख रुपये से होते हैं । तो क्या सरिता साहनी ने अपनी बेटी के लिए लाख रुपये का लहंगा खरीदा ? बीस पच्चीस लाख की शादी और लाख रुपये का लहंगा ? लाख का ही क्यों एक लाख रुपये से ज्यादा का भी हो सकता है।

“अरे पति को गुज़रे अभी साल भर ही तो हुआ है । इंश्योरेंस वगैरह का पैसा मिला होगा । एक ही तो लड़की है ।” किसी ने सुझाया।

खैर कुल मिलाकर लहंगे ने पूरी शादी में जान डाल दी। लड़का खुश, लड़के के माँ बाप खुश, सारे बाराती खुश । सरिता सोच रही थी कि बेटी की शादी में ये जो सब कुछ अच्छा-अच्छा हो रहा है, इसमें लहंगे का बड़ा योगदान है। वो कल ही शम्भू दयाल जी को धन्यवाद बोल कर आयेगी।

इधर मंच पर जयमाल हो रही थी । उधर भीड़ में नीचे खड़ी सरिता साहनी की आँखों के सामने, उस दिन की घटना एक फिल्म की तरह घूम रही थी, जिस दिन उसने लहंगा खरीदा था ।

“बीबी, सिल्क के कपड़े पर सोने चांदी के तार से चिकनकारी का काम, आज तक लखनऊ में किसी ने नहीं किया । ये प्रयोग के तौर पर हमी ने शुरू किया है । ऐसा डिज़ाइनर लहंगा लखनऊ तो क्या, इण्डिया में नहीं मिलेगा । और अगर इण्डिया में न मिला तो समझो पूरी दुनिया में नहीं मिलेगा ।” शम्भू दयाल जी हँसे और पूछा,

“अच्छा बताओ, चाय पियोगी या काफी ?”

“इस लहंगे का दाम क्या होगा?” सरिता ने झिझकते हुये पूछा।

“दो लाख ।”

“दो लाख ?” सरिता को लगा कि आगे बात करना बेकार है। उसे खड़े होते देखकर शम्भू दयाल जी ने पूछा,

“क्या हुआ ?”

“कुछ नहीं । इतनी तो मेरी हैसियत ही नहीं है ।”

“कितने में लोगी? बहन तुम भी तो कुछ सोच कर आयी होगी?”

“क्या बताऊँ क्या सोच कर आयी थी ? बताने में भी शर्म आती है ।”

“आप मिसेज सरिन हो न ? रामेन्द्र सरिन जी की पत्नी, जो इण्डियन ओवरसीज बैंक में मैनेजर थे ?”

“जी ।”

“उनके गुज़रने का बड़ा दुख है । हमारा एकाउण्ट उसी बैंक में है । हम उन्हें बीस साल से जानते थे ।”



“वो हमेशा कहते थे कि अपनी बेटी की शादी का लहंगा शम्भू दयाल जी की दुकान से ही लाऊँगा।” सरिता ने आँखें नम करते हुये कहा।

“बड़े भले आदमी थे। हम पर्चा भर कर, लाखों रुपये की नकदी उनके पास छोड़ आया करते थे। वो बेचारे उसे गिन कर, शाम को दुकान पर खुद आकर जमा की रसीद दे जाते थे।”

“यही हमारे मुकद्दर में था। जैसा ऊपर वाला चाहे।” सरिता चलने को हुयी।

“बीबी ऐसे छोड़ कर न जाओ। सरीन साहब हमारे दोस्त थे। लहंगा तो लेती जाओ। कुछ कम कर दूँगा।”

“देखिये आप कितना भी कम करेंगे फिर भी मेरे लिये यह लहंगा, महंगा ही रहेगा। विधवा की बेटी की शादी है। वो जिंदा होते तो बात दूसरी थी।”

“बीबी, ये लखनऊ है। शहर अभी इतना बड़ा भी नहीं हुआ है कि आदमी के साथ रिश्ते भी मर जायें। आप कुछ बोलो तो।”

“पच्चीस हजार।” शम्भू दयाल जी की बात सुनकर सरिता ने झिझकते हुये कहा।

“क्या?” शम्भू दयाल जी एक दम चौंक पड़े। फिर उन्होंने अपने को संयत किया और सोचने लगे।

सरिता मुड़ कर चलने को हुई तो उसे आवाज सुनाई दी, “मैडम के लिये लहंगा पैक कर दो।”

भीड़ में तालियों की गड़गड़ाहट के साथ सरिता का ध्यान टूटा। अगले दिन शम्भू दयाल जी से मिलने का निश्चय करके वो शादी की रस्मों में व्यस्त हो गयी।.....

इधर लहंगा संजना की शादी में वाह-वाही लूट रहा था तो उधर शम्भू दयाल जी की दुकान पर हंगामा मचा हुआ था।

“दो लाख रुपये का लहंगा पच्चीस हजार में दे दिया? अरे बीस परसेन्ट डिस्काउंट भी देते तो एक लाख साठ हजार रुपये होते। पच्चीस हजार? मेरी तो समझ में नहीं आ रहा कि ये दुकान चल कैसे रही है? शम्भू दयाल जी का अमरीका रिटर्न बेटा रजत चिल्ला-चिल्ला कर बाप से सवाल कर रहा था। दरअसल रजत अभी हाल ही में अमरीका से बिजनेस मैनेजमेंट की डिग्री लेकर लौटा था और इण्डिया में कोई नौकरी ढूँढने के बजाय अपने पिता के व्यापार में हाथ बटाने का मन बना बैठा था।

“चल नहीं रही, दौड़ रही है। हमारे इन्कम टैक्स रिटर्न उठाकर देखो, पिछले पचास सालों में हमारा टर्न ओवर और मुनाफा दोनों निरंतर बढ़ा है।” शम्भू दयाल जी ने गर्व से कहा।

“इसका मतलब हुआ कि इसे अगर ठीक से चलाया गया होता तो न जाने कितना और मुनाफा होता? हम कहाँ से कहाँ पहुँच सकते थे?” रजत पूरे ताव में था।

“बेटा इसी दुकान की कमाई से हमने कोठी खरीदी। दो-दो गाड़ियाँ हैं। तुम्हारी अमरीका तक की पढ़ाई पूरी हुई। और क्या चाहते हो?” शम्भू दयाल जी ने समझाया।

“अरे पापा! लहंगे के इस नये डिजाइन को लॉन्च करने की मैंने क्या स्ट्रेटजी सोची थी। लेकिन आपने तो इसे एक मिडिल क्लास फैमिली की शादी में बेचकर सब चौपट कर दिया। इसकी वैल्यू ही ख़त्म कर दी।”

“तुम्हारा क्या करने का विचार था?”

“मेरा? मैं पहले इस लहंगे का सब अखबारों में इश्टिहार देता। फिर किसी सैलिब्रिटी से इसका उद्घाटन कराता। इस डिजाइन की चर्चा सारी फैशन मैगजीन्स में कराता। इस लहंगे की धूम पूरे इण्डिया में होती।”

“और पब्लिसिटी का इतना खर्चा कहाँ से आता?”

“हम इस लहंगे के डिजाइन को पेटेंट कराते। फिर इसकी फ्रेंचाइजी देते।”

“यही करते रहते या लहंगा भी बेचते? दुकान चलाने के खर्चे भी होते हैं।”

“मैंने तो तरकीब सोची थी। हम एक लहंगे का दाम तीन लाख रखते। और तीन लहंगे खरीदने पर एक फ्री देते। इससे हमारा लहंगा भी प्रमोट होता। सेल भी बढ़ती और मुनाफा भी।”



“बच्चे जी, ये लखनऊ है। छोटा सा शहर। यहाँ व्यापार का मतलब है, आपसी रिश्ते, मेल जोल, एक दूसरे की इज्जत। हमारी तो सारी बिक्री, आपसी संबंधों से ही होती है। लोग हमें जानते हैं, हमारी क्वालिटी को जानते हैं।”

“पापा, ऐसे तो हो लिया बिजनेस। अब ज़माना बदल गया है। आप अपने रिश्ते और संबंधों को निभाते रहे, तो मुझे नहीं लगता कि हम आगे सर्वाइव कर पायेंगे। अरे आप दो लाख का माल पच्चीस हज़ार में दे दोगे?”

किसी ने ध्यान नहीं दिया कि जब बाप बेटा बहस कर रहे थे, तब सरिता आकर दूर एक कुर्सी पर बैठ गयी थी और टाइम पास करने के लिये यूँ ही एक सेल्समैन से कुछ दुपट्टे देखने लगी थी। बाप बेटे की वार्ता समाप्त होने पर वो उठ कर आई और शम्भू दयाल जी के सामने हाथ जोड़ कर खड़ी हो गई।

“आओ बहन! आपकी बेटी की शादी अच्छे से निपट गयी?”

“जी ख़ूब ही अच्छे से। और आपका लहंगा तो सभी ने ख़ूब पसंद किया।”

“चलिए, और कैसे आना हुआ?”

“मैं आपका शुक्रिया अदा करने आयी थी। मैंने आपके बेटे की सारी बातें सुन ली हैं। आपने इतना महंगा लहंगा मुझे इतने कम दामों में दे दिया।”

“बहन आप सरीन साहब की पत्नी हैं। मेरे लिये इतना जानना ही काफी था।”

“पर आपने तो लागत भी नहीं ली? आपके इस नुकसान की भरपाई कैसे होगी?”

“अरे आप नफे-नुकसान की बात छोड़िये। संबंध रहा तो नुकसान की भरपाई भी हो जायेगी। आप बताओ क्या लोगी, चाय या कॉफी?”

शम्भू दयाल जी अभी सरिता से ये बात कर ही रहे थे कि एक मर्सिडीज़ उनके शो रूम के सामने आकर खड़ी हुई। उसमें से एक सूटेड-बूटेड आदमी बाहर निकला और शम्भू दयाल जी से पूछा, “सरीन साहब की बेटी की शादी में लहंगा आप के यहाँ से ही गया था?”

“जी”

“एक नमूना दिखा सकते हैं?”

“जी नमूना तो अभी नहीं दिखा सकते, क्योंकि वो एक ही पीस था। हाँ अगर आप मुझ पर भरोसा कर सकें तो उससे बेहतर लहंगा ही मिलेगा। हम पहले आपसे अप्रूव करायेंगे, उसके बाद डिलीवरी देंगे।”

“कितने दिन में डिलीवर कर सकते हैं?”

“कम से कम पंद्रह दिन।”

“और दाम?”

“दो लाख रुपये।”

“कोई डिस्काउण्ट?”

“दुकान आपकी है। वैसे दाम बिल्कुल वाजिब हैं।”

“तीन लहंगे बनवा दीजिए। कोई एडवांस?”

“जैसा आप ठीक समझें।”

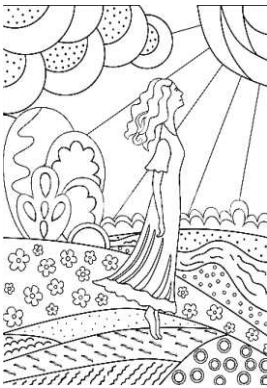
उस आदमी ने एक चेक काट कर शम्भू दयाल जी को दिया और कहा, “पचास हज़ार है। वाइफ आकर डिजाइन फाइनल कर जायेंगी।”

चैक हाथ में लेकर, शम्भू जी ने पलटकर देखा तो रजत अपने लैपटाप में मुँह छुपाकर बैठा था।

शम्भू जी पलटते और मुस्कुरा कर सरिता के आगे हाथ जोड़ दिये।

कद

गगन ने धरती से पूछा
 तुम कैसे सहती
 इतना बोझ ?
 एक मूक स्वर
 मातृत्व मेरा सुख है
 धरती ने प्यार से
 पुकारा-
 तुम दूर क्यों दिखते,
 करीब आओ ना!
 गगन सोचता रहा
 फिर रिक्तता
 से एक आवाज
 आई
 तुम्हारे मातृत्व के
 समक्ष
 मेरा बौनापन।



दुनिया मेला है

अवसादों की गठरी
 और

सुख का झोला
 है,

यह जीवन गति है,
 यह दुनिया का मेला है॥
 दुनिया यह रंग-बिरंगी
 कच्चे रंगों से रंगी
 नश्वर जीवों की गति है।
 यह दुनिया मेला है॥
 मोह के बंधन कसते,
 रिश्तों को जड़ से बंधते,
 इस पंचतत्व की काया से,
 सारे बंधन हैं जुड़ते।
 यह जीवन छल है
 यह दुनिया मेला है॥
 मेले में अकेले हैं
 दुनिया के झमेले हैं
 माटी में मिल गई माटी
 छूट गये सब-साथी
 यह जीवन अकेला है
 यह दुनिया का मेला है॥



स्व. डॉ. मनसा पाण्डेय

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फटी जीन्स का चिन्तन

Dr. K K Asthana

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भाई मुझे ट्रोल मत करना, पर फटी जीन्स मुझे भी पसंद नहीं है। अगर मैं कहूँ कि मुझे लड़कियों की फटी जीन्स नहीं पसंद तो तुम मुझे पुरुषवादी कहोगे। अगर कहूँ कि सुन्दर स्त्रियों की फटी जीन्स मुझे बहुत पसंद हैं तो तुम मुझे कुत्सित मानसिकता वाला कहोगे। इसलिए मैं इस पचड़े में पड़ता ही नहीं। मैं तो सिर्फ अपनी फटी जीन्स की ही बात करूँगा। वैसे भी आज कल कौन दूसरे के फटे में टांग अड़ता है!



किसी जमाने में मेरे पास भी एक फटी जीन्स हुआ करती थी। पर वह समय से बहुत आगे थी। वह तो सन् 1985 में ही फट गई थी। नए जमाने की फटी जीन्स क्या जाने कि उस जमाने की फटी जीन्स का क्या मतलब होता था। उस जमाने की जीन्स फटने से पहले अपनी जान पर खेल कर अपने मालिक की पूरी सेवा करती थीं। एक-एक ताना बाना आखिरी दम तक कीमत वसूल करवाता था। जब बिलकुल भी बस ना चले तब जाकर कहीं थोड़ा सा मसक जाती थीं। तुरपाई का स्कोप फिर भी बना रहता था।

आजकल की जीन्स की तरह थोड़े ही। एक दिन भी पहनी नहीं गयीं, फैक्ट्री से ही फट के चली आयीं। बेशरम कहीं की ! फटना भी नेचुरल नहीं। सारे ताने फट गए, पर एक एक बाना अपनी जगह साबुत का साबुत। ऐसे कहीं होता है भला। फटती भी ऐसे हैं कि खास खास अंग ही दिखाई पड़ें। जीन्स नहीं हुईं, समाज हो गई। सेलेक्टिव तोड़फोड़ की सच्ची मिसाल।

मेरा ऑब्जेक्शन तो यही है कि जब मेरे पास फटी जीन्स थी तब उसे फैशन स्टेटमेंट क्यों नहीं माना जाता था। आज बड़ी मेहनत करके इस लायक हो पाया हूँ कि साबुत और साफ़ सुथरे कपड़े पहन सकूँ, तो सारा नैरेटिव ही बदल गया। फटे कपड़े वाले स्मार्ट और साबुत साफ़ सुथरे कपड़े वाले पिछड़े माने जाने लगे। यह पता होता तो मैं इतनी मेहनत क्यों करता। फटी जीन्स और उसी तरह के दोस्त तो मेरे पास सन पच्चासी में भी थे। उन्हें भाव देता तो आज जाने कहाँ से कहाँ होता। आज फटी जीन्स का भी आदर है और मेरे फटी जीन्स टाइप के दोस्तों का भी। पर मैंने उनमें से किसी को सहेज कर नहीं रखा।

मैंने उस समय फटी जीन्स की कद्र नहीं जानी और उसे घर के बड़े वाले बक्से में डाल दिया। न फटी जीन्स टाइप के दोस्तों को भाव दिया। उनसे कटता रहा। उस समय न तो फटी जीन्स की कोई इज्जत थी, न फटी जीन्स टाइप के आदमियों की। तब तक साबुत और साफ़ सुथरे कपड़ों और इसी तरह के आदमियों की ही इज्जत होती थी। समय बदल गया। समाज के हर क्षेत्र में फटी जीन्स टाइप के लोगों का बोलबाला हो गया। मेरे फटी जीन्स टाइप दोस्त कहाँ से कहाँ पहुंच गए। मैं और मेरी फटी जीन्स इतने साल अपने अपने बक्से में कैद रहे।

मेरी माँ ने उस समय मुझे बहुत समझाया कि आदमी की पहचान उसके कामों से होती है, कपड़ों से नहीं। पर मैं नहीं माना। मुझे पता था कि यह जमाना जो कि अक्सर जालिम जमाना होता है, आदमी की पहचान कपड़े से



ही करता है। हो सकता है कि मेरी माँ सही कहती हों। आज मैं भी अपने बच्चों से यही कहता हूँ और वह मेरी बात को सही नहीं मानते हैं। वैसे ही चुप हो जाते हैं, जैसे कभी अपनी माँ के सामने मैं भी चुप हो जाया करता था। आज मैं भी मानने को मजबूर हूँ कि आदमी की पहली पहचान उसके कपड़ों से ही होती है। हो सकता है कि मेरी माँ ने भी यह बात मान ली हो।

कभी-कभी मुझे लगता है कि फटी जीन्स को वह सम्मान नहीं मिल पाया जो उसे मिल सकता था। गांधी जी ने जिस समय आधी धोती पहनने का निर्णय लिया उस समय उनके सामने रोल मॉडल फटी धोती थी। उस समय ग्रामीण भारत में धोती का चलन अधिक था। गाँव की वह महिला, जिसे फटी धोती पहने देख कर गांधी जी द्रवित हो गए थे और उन्होंने आधी धोती पहनने का निर्णय कर लिया था, अगर वह महिला शहर की होती और उसने फटी जीन्स पहन रखी होती तो मेरा दावा है कि गांधी जी आजीवन फटी जीन्स ही पहनते। यदि गांधी जी भारत की जगह लैटिन अमेरिका के किसी देश में पैदा हुए होते तो निश्चित तौर पर फटी जीन्स ही पहनते।

फटी जीन्स से नफरत करने वालों, बल्कि अमीर युवक और सुन्दर बालाओं के फटी जीन्स पहनने पर आपत्ति करने वालों ज़रा ठंडे दिमाग से विचार करो। जब कोई कहता है कि सारे खेतों और फक्ट्रियों पर कुछ अमीरों का ही कब्ज़ा क्यों है। तब तो तुम बड़े खुश होते हो। जिंदाबाद के नारे लगाते हो। तुम यह क्यों नहीं कहते कि सारी फटी जीन्स पर गरीबों का ही कब्ज़ा क्यों। फटी जीन्स पर अमीरों का भी उतना ही अधिकार है, जितना कि गरीबों का।

फटी जीन्स पहनने में क्या आनंद है, यह गरीब लड़के लड़कियां क्या जाने? छेद वाली फटी जीन्स से जो ताजा हवा आती है, उसका आनंद कोई अमीर ही ले सकता है। यह गरीब तो हमेशा अपनी गरीबी और अपने शरीर को ही छुपाने में लगे रहते हैं। यह तो अमीर ही हैं जो अपनी अमीरी और भगवान् का दिया शरीर दिखाने में विश्वास रखते हैं। गरीबों को पता ही नहीं कि प्रकृति ने उन्हें क्या उपहार दे रखा है। ऊपर वाले का दिया शरीर और गरीबी दोनों का महत्व गरीबों को पता चल जाता तो फिर बात ही क्या थी।

अमीर अगर फटी जीन्स पहन कर गरीबों की भावनाएं समझने की कोशिश करते हैं, तो तुम्हें आपत्ति क्यों होती है! गांधी जी जब आधी धोती पहन कर गरीबों की भावना समझने की कोशिश कर रहे थे, तब तो तुमने कोई ऑब्जेक्शन नहीं किया। अब अगर एक सुन्दर, बड़े घर की बाला फटी जीन्स पहन कर एक गरीब लड़की के फटे कपड़ों पर होने वाली फब्तियों को फर्स्ट हैण्ड समझना चाहती है तो तुम्हें इस पर ऐतराज क्यों होता है? ऐसे थोड़े ही चलेगा।

वैसे समाज के कुछ लोग उनकी इस उच्च भावना को समझते भी है और उसी स्तर की फब्तियां भी देते हैं। पता नहीं क्यों यह नासमझ लड़कियां इतनी सी बात समझ नहीं पाती हैं कि यह फब्तियां एक व्यक्ति विशेष की फब्तियां नहीं हैं। यह पूरे समाज की फब्तियां हैं जो सदियों से गरीब लड़कियां झेलती आ रही हैं। कुछ जागरूक महिलायें उस व्यक्ति के खिलाफ लामबंद होने लगती हैं। और जालिम ज़माना दूर खड़ा मुस्कुराता रहता है।

मैं सोच रहा हूँ कि अपनी फटी जीन्स भी बक्से से निकाल लूँ और अपने फटी जीन्स टाइप के दोस्तों को भी ढूँढ निकालूँ। यदि तरक्की करनी है तो बदले हुए समाज में दोनों ही बड़े काम के हैं।

गीता और तनाव मुक्ति

डॉ० सृष्टि श्रीवास्तव

विभागाध्यक्ष, मनोविज्ञान विभाग

नवयुग कन्या स्नातकोत्तर महाविद्यालय, लखनऊ

आज हर आयु वर्ग के लोग जीवन में तनाव (स्ट्रेस) का अनुभव करते हैं। इसलिए आज के युग को तनाव एवं स्ट्रेस का युग कहा जाता है। प्रतिस्पर्धा इतनी बढ़ गयी है कि व्यक्ति को स्वयं नहीं पता कि वह चाहता क्या है। इन विषम परिस्थितियों में लोग स्ट्रेस मैनेजमेंट की आवश्यकता महसूस करने लगे हैं। जगह जगह ऐसी कार्यशालाएं हो रही हैं जो लाइफ स्किल्स यानी जीवन जीने के तरीके सिखाती हैं। इनकी मदद से व्यक्ति अपने जीवन में संतुलन लाने का प्रयास करता है। स्ट्रेस मैनेजमेंट का जितना सुन्दर और मनो वैज्ञानिक विश्लेषण श्रीमद्भगवद्गीता में प्रस्तुत किया गया है, वह अन्यत्र अत्यंत दुर्लभ है।



श्रीकृष्ण ने गीता में बड़े मनोवैज्ञानिक तरीके से बताया है कि इच्छाएं, आकांक्षाएं, अपेक्षाएं एवं आशाएं मानव समाज की चालक हैं, परन्तु इनकी अधिकता ही जीवन में तनाव को जन्म देती है। समाज में अधिकतर लोग अपनी अनगिनत इच्छाओं को पूरा करने के लिए रात दिन भागते रहते हैं और उनके पूरा न होने पर तिल तिल कर मरते हैं, लेकिन आखिरी सांस तक इच्छाओं को नियंत्रित नहीं कर पाते हैं, यही स्ट्रेस का प्रमुख कारण होता है।

कभी-कभी कोई घटना मनुष्य की सारी योजनाओं को तोड़ देती है। जो व्यक्ति अपनी योजनाओं को समय की मांग के अनुसार बदल कर नई अंतर्दृष्टि, आशा एवं उत्साह के साथ निरंतर लक्ष्य प्राप्ति में लगा रहता है, वही जीवन का सच्चा आनंद प्राप्त कर सकता है। गीता में बड़े सुन्दर शब्दों में कहा गया है-

विहाय कामान्यः सर्वान्पुमांश्चरति निःस्पृहः ।

निर्ममो निरहंकारः स शान्तिमधिगच्छति ॥

अर्थात् जो मनुष्य सम्पूर्ण कामनाओं का त्याग करके स्पृह रहित, ममता रहित और अहंकार रहित होकर आचरण करता है, वह शान्ति को प्राप्त होता है।

भगवद्गीता आज से पांच हजार वर्ष पूर्व लिखी गई रचना है, लेकिन उस समय भगवान् श्री कृष्ण ने हर पहलू की बड़ी सटीक मनोवैज्ञानिक व्याख्या प्रस्तुत की है। गीता में मानसिक रूप से स्वस्थ व्यक्ति की विशेषताओं का उल्लेख किया गया है। उसमें बताया गया है कि संवेगात्मक (इमोशनल) रूप से परिपक्व व्यक्ति प्रत्येक परिस्थिति में स्थिर बुद्धि वाला होता है तथा अपने संवेगों (इमोशंस) को संतुलित रूप से अभिव्यक्त करने में सक्षम रहता है। गीता के इस श्लोक में स्पष्ट रूप से कहा गया है-

दुःखेश्वनुद्विगन्मनाः सुखेषु विगतस्पृहः ।

वीतरागभयक्रोधः स्थितधीर्मुनिरुच्यते ॥

अर्थात् दुखों की प्राप्ति होने पर जिसके मन में उद्वेग नहीं होता और सुखों की प्राप्ति होने पर जिसके मन में स्पृहा नहीं होती, जो राग, भय और क्रोध से सर्वथा रहित हो गया है, वह मननशील मनुष्य स्थिर बुद्धि कहा जाता है। गीता के इस श्लोक से प्रभावित होकर सुप्रसिद्ध मनोवैज्ञानिक अब्राहम मासलो ने 'self



actualisation' का प्रत्यय दिया जो कि मनोवैज्ञानिक जगत में बहुत लोकप्रिय है।

युद्ध के मैदान में स्वजनों को देखकर, अर्जुन के किंकर्तव्यविमूढ़ हो जाने पर श्रीकृष्ण ने जिस तर्क के साथ अर्जुन को कर्तव्यों की और उन्मुख किया वो अद्वितीय तो है ही और आज भी सामयिक है। अर्जुन को अंतर्द्वंद्व से निकालने के लिए श्रीकृष्ण उन्हें समझाते हैं-

सुख दुःखे समे कृत्वा लाभालाभौ जयाजयौ ।

ततो युद्धाय युज्यस्व नैवं पापमवाप्स्यसि ॥

अर्थात् सुख-दुःख, लाभ-हानि, जय-पराजय जीवन की किसी भी परिस्थिति से बिना विचलित हुए निष्काम भाव से अपने कर्तव्यों का पालन करना कल्याणदायी होता है। वास्तव में यह मनःस्थिति प्रसन्नता का मूल मन्त्र है। गीता में जो गूढ़ रहस्य सहज भाषा में प्रस्तुत किये गए, वो अद्वितीय हैं।

गीता में कहा गया है कि मानव मन का सबसे बड़ा भय, सबसे बड़ी चिंता मृत्यु है। हम सभी यही कामना करते हैं कि हमें और हमारे प्रियजनों को कुछ दिन और जीने को मिल जाए। व्यक्ति अगर मृत्यु के भय से स्वयं को अलग कर सके तभी वह जीवन के हर पल का आनंद ले पायेगा। गीता हमें सिखाती है कि मृत्यु के भय से निकल कर जिन्दगी का स्वागत करो। संसार में खुशियाँ बांटने में कंजूसी न करो। इस सन्दर्भ में गीता में बहुत सटीक लिखा है-

जातस्य हि ध्रुवो मृत्युर्ध्रुवं जन्म मृतस्य च ।

तस्मादपरिहार्ये अर्थे न त्वम् शोचितुमर्हसि ॥

अर्थात् जो पैदा हुए हैं उनकी मृत्यु निश्चित है और मरे हुए का जन्म अवश्य होगा। अतः इस विषय में तुम्हें शोक नहीं करना चाहिए। ये बात जो समझ लेता है, वो निर्भय होकर जिन्दगी जीता है।

अधिकतर हमारे तनाव का कारण फल या परिणाम में आसक्ति है। गीता का निम्नलिखित श्लोक स्ट्रेस मैनेजमेंट या तनाव प्रबंधन का सबसे लोकप्रिय श्लोक है। इसका विश्व की अधिकतम भाषाओं में अनुवाद हुआ है।

कर्मण्येवाधिकारास्ते मा फलेषु कदाचन ।

मा कर्मफलहेतुर्भूर्मा ते सन्गो अस्त्वकर्मणि ॥

अर्थात् कर्म करना मनुष्य के अपने वश में है, परन्तु उसके फल पर उसका कोई जोर नहीं चलता है। फल और बहुत सी बातों पर निर्भर करता है। यानी परमात्मा के अधीन है। अक्सर हम अपनी योग्यता के अनुरूप परिणाम प्राप्त नहीं कर पाते हैं क्योंकि हमारा ध्यान कर्म से ज्यादा फल की ओर रहता है। असफलता का भय सफलता के द्वार पहले ही बंद कर देता है। तनाव एवं अंतर्द्वंद्व की अवस्था में भावनाओं का ज्वर रहता है, जिससे व्यक्ति का आत्म विश्वास कमजोर पड़ने लगता है।

श्रीकृष्ण अर्जुन को समझाते हुए कहते हैं कि निराश कभी मत होना। कमजोर तेरा वक्त है, तू नहीं। आशा एवं विश्वास जीवन का दूसरा नाम है। सूर्य प्रतिदिन अन्धकार से लड़ता है लेकिन फिर उदित होता है। इसी तरह मनुष्य भी जीवन की चुनौतियों से लड़कर सफलता प्राप्त करता है। कल क्या होगा, यह सोच कर आज जीना न छोड़ दें। गीता के इन बहुमूल्य संदेशों को आत्मसात करने वाला व्यक्ति जीवन में विपरीत परिस्थितियाँ आने पर अपनी बुद्धि को स्थिर रख कर निश्चित रूप से सफलता प्राप्त कर लेता है।

विषम परिस्थितियों में अपने भय, मोह, ईर्ष्या एवं अपेक्षाओं को नियंत्रित करते हुए निस्पृह भाव से अपने कर्तव्यों का पालन करते जाना ही गीता का मूल मन्त्र और तनाव प्रबंधन की आधारशिला है।



IIT ROORKEE ALUMNI ASSOCIATION LUCKNOW CHAPTER



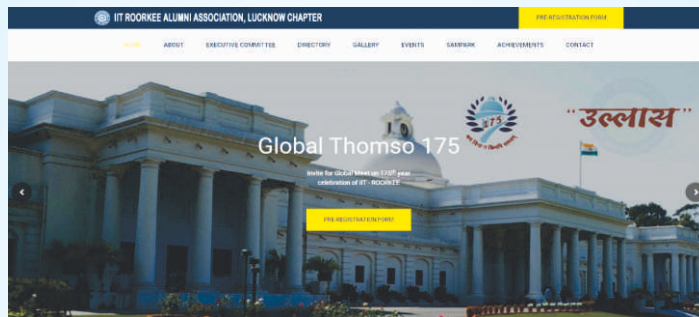


Website of IIT Roorkee Alumni Association, Lucknow Chapter

The website of IIT Roorkee Alumni Association, Lucknow Chapter has been rejuvenated. The website can be accessed using the link www.roorkealumnilko.org.

The website will add another dimension of communication with members of the Chapter in addition to existing email, IVRS, SMS and whatsapp modes. It will also facilitate communication with alumni and society all across the world. The website can be used by alumni to get details of forthcoming events, alumni residing in Lucknow, photo and videos of various events, e-Sampark, etc.

The Home page of the website:



The Directory section provides list of alumni categorised on their batch with the locality of residence. Further, locality wise list of alumni has also been made. Mobile number, address and email id have not been displayed to protect misuse. If any alumni is interested to know these details, then the request can be entered using the 'Contact Us' section or writing an email at iitraalko@gmail.com.

Alumni may use the 'Contact Us' section of the website for the following:

1. to post their (as well as their family's) special achievements for the information of visitors to the website
2. to publish articles of interest to alumnon the website
3. to add or update details in Directory of Lucknow Chapter
4. to get contact details of any alumni listed in the Directory of the Chapter, like address, mobile no. and email id
5. to give their suggestions to organize and participate in activities of the Chapter, give new ideas as well as to improve the website.

The website will be launched during the 'Global Thomso 175 – Ullas' on April 23, 2022.

Alumni are requested to share the website link with alumni, families and friends to spread news of activities of the Chapter. We look forward to cooperation from all alumni to continuously improve the content and look of the website.



**IIT ROORKEE ALUMNI ASSOCIATION
LUCKNOW CHAPTER
LADIES GROUP (2021-23)**



Standing Left to Right

Sonam Sinha, Anjana Srivastav, Kalyani Gupta, Neetu Gupta, Reshma Saraswat,
Srishthi Asthana, Sabiha Ahmad, Anjali Mehrotra, Neelima Srivastava,
Swati Agrawal, Rita Agarwal, Niharika Agarwal, Shashi Kanodia, Nidhi Jain

Sitting Left to Right

Vipul Varshneya, Madhu Mathur, Achla Saxena, Meena Agrawal, Kamal Gupta,
Savita Agrawal, Rashmi Rastogi, Amita Chandra, Indu Sinha,
Vedna Bora, Sunita Agrawal, Preeti Vaish, Seema Agrawal



**IIT ROORKEE ALUMNI ASSOCIATION
LUCKNOW CHAPTER
EXECUTIVE COMMITTEE (2021-23)**



Standing Left to Right

Ar. Ajay Sivastava, Er. Rajesh Agarwal, Er. Abhay Mehrotra, Er. A K Sivastava, Er. Ravindra Bora, Er. Qazi Mairaz,
Arch. Sandeep Saraswat, Er. G.C. Agarwal, Er. Rajeev Jain, Er. Ashish Gupta, Er. Sunil Gupta, Er. Ashish Agrawal,
Arch. K K Asthana, Er. Ravindra Vaish, Er. Rajiv Agarwal, Er. Rajiva Rastogi, Er. N.K Kanodia

Sitting Left to Right

Er. Anil Kohli, Er. Rakesh Saxena, Er. K K Agarwal, Arch. Savita Agrawal, Er. Gopal Sinha,
Er. Anuj Varshneya, Er. Y D Mathur, Er. Sumer Agrawal, Er. Harish Chandra, Meena Agarwal



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- ✦ Traffic Survey
- ✦ Non Destructive Testing - Rebound Hammer & UPV for Concrete
- ✦ Pile Integrity Test
- ✦ Modulus of Sub-grade Reaction (K-value) Test
- ✦ TRL Dynamic Cone Penetrometer Test
- ✦ Job Mix formula for Bituminous work
- ✦ Material Testing including Physical Tests of Bricks, Cement, Aggregate, Reinforcement Bar, Structural Steel, Coupler, FlyAsh, Bitumen and Bentonite
- ✦ Concrete Mix Proportioning
- ✦ Compressive Strength Test of Cement Concrete Cubes, Cores, Paving Block and AAC block
- ✦ Chemical Analysis of Soil, Admixture, Water, Cement, Steel and Aggregate
- ✦ Electrical Resistivity Test



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Mobile - 9205321637. 8299206708

Website: www.arunsoillab.com email: info@arunsoillab.com, arunsoillab.asl@gmail.com

Main Laboratory: 636/110, Budh Vihar, Takrohi, Indira Nagar, Lucknow - 226028

Field Store cum Workshop: Azad Nagar, Chinhat, Lucknow - 227105

"QUALITY CONSCIOUSNESS IS OUR CORE CONCEPT"



EXECUTIVE COMMITTEE 2021-23

SNo. Post	Name		Mobile#
1. Patron	Er. Yogeshwar Dayal Mathur	1962 UNICEF	9839020349
	Er. Sumer Agarwal	1969 Builder	9415025151
2. President	Er. Anuj Kumar Varshneya	1982 Consultant	9839022848
3. IPP	Er. Harish Chandra	1975 UPPCL	8005499001
4. Sr. Vice President	Mrs. Meena Agarwal	1984 Consultant	8400101222
5. Vice President	Er. Sunil Gupta	1983 Consultant (World Bank)	9695214287
6. Advisor	Er. Gopal Sinha	1973 UPJVNL	9415196206
7. Secretary	Ar. Ajay Srivastava	1990 Consultant	9415003721
8. Treasurer	Er. Ashish K. Gupta	1991 BSNL	9415339699
9. Cultural Secretary	Er. Rajesh Agrawal	1993 Education	9792197777
10. Editor	Er. K.K. Agarwal	1972 UPPCL	9415006857
11. Joint Secretary	Er. Ravindra Vaish	1993 Reliance	9557090011
12. Members	Er. N.K. Kanodia	1970 PWD	9415111306
	Er. Rajiva Rastogi	1971 UPPCL	9919774440
	Er. Ashok Kumar Gupta	1972 PWD	7607171387
	Ar. Savita Agarwal	1973 Architect	9935167406
	Er. Gyan Chandra Agarwal	1975 Railways	9956921212
	Dr. Rakesh Saxena	1975 BSIP	9839054396
	Er. Abhay Mehrotra	1979 ABB	7607302010
	Er. Rajiv Kumar Agarwal	1979 Reliance	9936292222
	Er. Ashok Kumar Srivastava	1979 PWD	9839126254
	Dr. Bharat Bhaskar	1980 IIM Lucknow	9935488322
	Er. Rajeev Jain	1981 Business	9918600451
	Dr. K.K. Asthana	1982 UP RNN	9415003003
	Er. Ravindra Bora	1982 UPJN	9450051650
	Sanjay Sinha	1983 Architect	9415024888
	Yogesh Pawar	1984 Bridge Corporation	7599380121
	Er. Suresh Kr Sapra	1989 Railways	7275025700
	Pawan Verma	1989 PWD	9919125022
	Ashish Agarwal	1995 Builders	9971845599
	Sandeep Sarawat	1997 Architect	9235690191



Our Presidents and Hony. Secretaries

Year	President	Hony. Secretary
1995-1996	Er. P.P. Agarwal (1949)	Er. J.C. Singhal (1969)
1996-1997	Er. Satya Prakash (1945)	Er. Sumer Agarwal (1969)
1997-1998	Er. M.C. Jindal (1949)	Er. V.K. Agawal (1968)
1998-1999	Er. I.P. Gupta (1948)	Er. Harish Chandra (1975)
1999-2000	Er. P.P. Agarwal (1949)	Col. S.R. Prasad (1963)
2000-2001	Er. Ravindra Kumar (1960)	Er. K.S.M. Tripathi (1970)
2001-2002	Er. Ved Prakash Garg (1959)	Er. N.L. Sharma (1969)
2002-2003	Er. Jagdish Mohan (1960)	Er. K.S. Goel (1969)
2003-2004	Er. U.N. Srivastava (1962)	Er. Ashok Kumar (1972)
2004-2005	Er. K.P. Varshney (1960)	Er. Devendra Mohan (1972)
2005-2006	Er. Y.D. Mathur (1962)	Er. Shailendra Upadhyay (1970)
2006-2007	Er. P.K. Mahajan (1962)	Er. Ravindra Bora (1982)
2007-2008	Er. Anand Prakash (1969)	Er. K.M. Yadav (1983)
2008-2009	Er. Sumer Agarwal (1969)	Er. Devendra Mohan (1972)
2009-2010	Er. Sumer Agarwal (1969)	Er. Anil Kumar Agarwal (1976)
2010-2011	Er. Devendra Mohan (1972)	Er. Jeetesh Srivastava (1999)
2011-2012	Er. Rajiv Rastogi (1971)	Er. Jeetesh Srivastava (1999)
2012-2013	Er. Ashok Kumar (1974)	Er. Rajiv Kumar Agrawal (1979)
2013-2014	Er. Arvind Kumar Gupta (1976)	Er. Jeetesh Srivastava (1999)
2014-2016	Er. Ashok Kumar Gupta (1972)	Ar. Savita Agarwal (1973)
2016-2018	Er. Rajiv Kumar Agarwal (1979)	Er. Anuj Kumar Varshneya (1982)
2018-2020	Er. Harish Chandra (1975)	Mrs. Meena Agarwal (1984)
2021-2023	Er. Anuj Varshneya (1982)	Ar. Ajay Srivastava (1991)



SUB COMMITTEES 2021-23

1. Fund Raising

Convener	Er. Sumer Agarwal, 1969	9415025151
Members	Er. Rajiv Kumar Agrawal, 1979	9936292222
	Er. Pawan Verma, 1989	9919125022
	Er. Sanjay Sinha, 1983	9415024888
	Er. N.K. Kanodia, 1970	9415111306
	Er. Ashok Srivastava, 1979	9839126254
	Er. Sandeep Saraswat, 1997	9235690191
	Er. S.K. Sapra, 1989	7275025700

2. Reception and Hospitality

	Er. Harish Chandra, 1975	8005499001
	Er. G. C. Agarwal, 1975	9956921212
	Ar. Savita Agarwal, 1973	9335167406
	Er. Ashok Gupta, 1972	9450081332
	Er. Ashish Agarwal, 1995	9971845599

3. Cultural and Stage Management

	Mrs. Kamal Gupta	
	Mrs. Meena Agarwal, 1984	9335205354
	Er. Rajesh Agarwal, 1993	7800033333
	Er. Ravindra Vaish, 1993	9918600451
	Er. Ravindra Bora, 1982	9450051650

4. Gifts and Souvenir

	Er. Rajeev Jain, 1981	9918600451
	Er. Ravindra Vaish, 1993	9918600451
	Er. Ravindra Bora, 1982	9450051650

5. Publication and Advertisement

Convener	Er. K.K. Agarwal, 1972	9415006857
	Er. Madhav Sexena, 1972	7755085402
	Er. K.K. Asthana, 1982	9415003003
	Er. Rajeev Jain, 1981	9918600451
	Er. Sunil Gupta, 1983	9695214287

6. Catering

	Er. N K Kanodia, 1970	9415111306
	Dr. Rakesh Saxena, 1975	9839054396

7. Tech Seminar & Global Connectivity

	Er. Ashish Gupta, 1991	9415339699
	Er. Pankaj Agarwal	

8. Theme Display and Exhibition

Convener	Ar. Sandeep Saraswat, 1997	9235690191
----------	----------------------------	------------

9. Public Relations

Convener	Er. Ashok Srivastava, 1979	9839126254
	Er. G. C. Agarwal, 1975	9956921212
	Er. Rajiv Kumar Agrawal, 1979	9936292222
	Er. Sunil Gupta, 1983	9695214287
	Er. Ashish Gupta, 1991	9415339699

10. RASI

	Sushma Mishra	
	Er. Rajesh Agarwal, 1993	7800033333

11. IITRAA Card

Convener	Er. Ravindra Bora, 1982	9450051650
	Er. Sunil Gupta, 1983	9695214287

12. Talent Contest

Convener	Er. Ashok Kumar Gupta, 1972	7607171387
	Er. Harish Chandra, 1975	8005499001
	Prof. Bharat Bhaskar, 1979	
	Prof. PK Mishra, 1986	
	Er. Meena Agarwal, 1984	9335205354



Congratulations to Jubilee Batches

DIAMOND JUBILEE (1960 BATCH)

Arun Kumar Vashistha

BE (Electrical) 1960

Date of Birth : 1st Apr, 1939

Address for Communication:

425/8 Birbal Sahni Marg, Trans Gomti Civil Line Colony,
Lucknow - 226007 (U.P.)

Contact Details:

Mobile: 94150 80003

E-mail: richa.upadhyay@gmail.com



Family Details:

Name of Spouse: Mrs. Shobha Vashistha, Married on 08-12-1972

Children : (i) Mr. Vinet Vashistha, B Tech

(ii) Ms. Richa Upadhyay, M. Com

(iii) Ms. Pooja Arun Kumar, M.Sc

Brief Career Details: Served UP State Electricity Board from June 14, 1961 till march 31, 1997, joined as Assistant Engineer at Ghaziabad and rose to the level of Chairman UPSEB in the scale of Secretary to the Govt. Of India. During service period, got 33KV to 220KV lines constructed in hills of UP/Uttarakhand and established Microwave System from Rishikesh to Obra via Lucknow for operational use of Power System of Uttar Pradesh.

Ashok Kumar Misra

BE (Civil) 1960

Date of Birth :

Address for Communication :

G-1101, Shalimar Gallant, Mahanagar,
Lucknow – 226006 (U.P.), India

Contact Details :

Mobile : +91 99358 66764

E-mail : misraak27k@Yahoo. Co.in

Family Details:

Wife- Late Shakuntala Misra

Children: Son- Mr. Alok

Daughters: Ms. Alpaca and Ms. Vinoo

Brief Career Details :

After passing out from Roorkee University joined UP.PWD and worked there upto 1964. Then joined Indian Railways. Initially worked with W.Railway and then transferred to N.E.Rly. in 1974. Finally retired from the post of CBE in July 1997.



DIAMOND JUBILEE (1960 BATCH)

Banshi Dhar Pandey

BE (Electrical) 1960

Date of Birth : 1st Jul, 1939

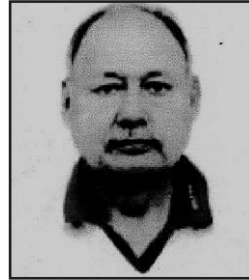
Address for Communication:

3/205, Vikas Khand, Gomti Nagar,
Lucknow - 226010 (U.P.)

Contact Details:

Mobile: 99843 88880

E-mail: bdp0098@gmail.com



Family Details:

Name of Spouse: Late (Smt.) Santosh Pandey, Married on 18-05-1974

Children: (i) Ms. Nandita Pandey, M.Phil

(ii) Ms. Jyotsna Pandey, M.B.A.

Brief Career Details: Joined U.P., State – Electricity Board in 1961. Retired as Chief Engineer (Level – 1) in 1997

Braj Kumar Srivastav

BE (Civil) 1960

Date of Birth : 15th Sep 1939

Address for Communication :

288, Sector - 18, Indira Nagar,
Lucknow – 226016

Contact Details :

Mobile : 98387 54091

E-mail : bksri1610@gmail.com



Family Details:

Name of the Spouse : Smt. Asha Srivastava

Children: (a) Saurabh Srivastava, 57 Years, B. Sc M.B.A.(Son)

(b) Sameer Srivastava, 55 Years, MALLB (Son)

(c) Saurabhi 51 Years, MA(Eng) (Daughter)

Brief Career Details: Joined U.P. Irrigation Deptt. in 1961, was promoted as Executive Engineer in 1973, Deputation to Govt. of Iraq as Middle Level Expert in 1977. Worked in Design Directorate Irrigation Research Institute, Construction buildings & roads. Took voluntary retirement in 1982 to join as Project Manager in U.P. Rajyakiyay Nirman Nigam Limited and remained associated with construction of important buildings including formation of New Districts of Mau & New Tehri. Retired as General Manager in 1997.



DIAMOND JUBILEE (1960 BATCH)

Jagdish Mohan

BE (Civil) 1960

Date of Birth : 03rd Sep, 1938**Address for Communication** :1/117 Vivek Khand, Gomti Nagar,
Lucknow – 226010 (U.P.)**Contact Details:**

Mobile: 9415025250

E-mail: themohanshouse@hotmail.com**Family Details:**

Name of Spouse: Mrs. Kumud Mohan, Married on 22-01-1969

Sons : (i) Mr. Rohit Mohan, B.E. M.B.A
(ii) Mr. Java Mohan, B.Sc. DDPHN. PGDJ & MC

Brief Career Details: Retd. as Chief Engineer (Level) 1) Irrigation Dept. U.P, Faculty Civil Engg. Dept. UOR 1966-1970. Director WALMI, U.P. Consultant NABARD 1997-2004. Published / Presented 80 technical papers in international / National Journals, conferences etc. Recipient of National Award for Innovative Design, Medals from CBI&P. Felicitated by Institution of Engineer (India) for Lifetime contribution to Civil Engineering Profession, 2000. Felicitated by Indian Water resources Society for Commendable Services in the Water resources development & Management, 2002. Nominated Leading Engineers of the World, 2013, by International Biographic Centre, Cambridge, UK. Bharat Jyoti Award, 2013 & Bharat Gaurav Award, 2015 by India International Friendship Society, New Delhi. Study tour Better Water Use & Management to USA, South Korea, Spain, sponsored by World Bank. Visited Sri Lanka, Dubai, Abu-Dhabi, Bahrain, South Korea in delegation of IEI (India).

Jag Mohan Lal Vaish

BE (Electrical) 1960

Date of Birth: 30th Sep, 1937**Address for Communication:**279/62 Sewa Kutir, Pan Dariba,
Lucknow - 226004 (U.P.)**Contact Details:**

Mobile: 79853 20617

E-mail:**Family Details:**

Name of Spouse: Mrs. Subodh Vaish, Married on 06-12-1962

Children : (i) Ms. Renu Goel, M.Sc.
(ii) Ms. Shalini Garg, PGDBA
(iii) Mr. Vipul Mohan, BE

Brief Career Details: 1). Retired as CE level – I from UPSEB
2). Published commercial manual while in service as S.E.
3). Gave lectures in officer training college of UPSEB on various topics.





DIAMOND JUBILEE (1960 BATCH)

Krishna Deo Prasad Khare

BE (Electrical) 1960

Date of Birth: 1st Jun, 1939

Address for Communication :

Flat No. 22 GA2 Tower No. 22 A.T.S. Paradiso Sector,
CHI IV Greater Noida – 201312 (U.P.)

Unitech South City Garden, Flat# 301, Tower# 7,
Sector J, South City, Raibareilly Road

Lucknow – 226012



Contact Details:

Mobile: 9839692179

E-mail: kdphare@gmail.com

Family Details:

Name of Spouse: Mrs. Jayanti Khare, Married on 05-06-1963

Children : (i) Ms. Jyotasa Amit, 55 Years, BSC

(ii) Mr. Vivek Khare, 50 Years Msc IIT Kanpur

Brief Career Details: Joined U.P.S.E.B as Assistant Engineer in 1962 retired from UPPCL as Chief Engineer (Level-1) in 1997. Mostly Served Thermal Projects.

Komal Prasad Varshney

BE (Civil) 1960

Date of Birth : 25th Jan, 1938

Address for Communication:

B-3, Sector – G, Aliganj (Purania Dandaiya Road),
Lucknow - 226024 (U.P.)



Contact Details:

Mobile: 94157 36256

E-mail: kpvarshney37@gmail.com

Family Details:

Name of Spouse: Smt. Sharmishtha Varshney, Married on 29-11-1961

Children: (i) Ms. Smt. Abha, 56 Years, M.A. (Ancient History)

(ii) Mr. Rajiv, 54 Years Master of Engg, (Captain in Indian Navy)

(iii) Mr. Sandeep – Age 50 Years, BSc Mechanical Engg

(iv) Smt. Preeti Gupta – Age 48 Years, BSC

Brief Career Details: 1). Remained associated with works such as IDPL Rishikesh, LLR Medical College Meerut, Kanpur University & IIT Kanpur campus and many other roads and highways works.

2). Received many appreciations from the higher authorities during the service period.

Retired as Engineer-in-Chief (HOD) UPPWD in 1996



DIAMOND JUBILEE (1960 BATCH)

Laxmi Chand

BE (Civil) 1960

Date of Birth : 7th Oct 1938

Address for Communication:

3/88 Vikas Nagar,
Lucknow – 226022

Contact Details:

Mobile: 9839992083

E-mail: laxmi_chand@hotmail.com



Family Details:

Name of Spouse: Mrs. Santosh Agarwal Married on 13-06-1967

Children: (i) Ms. Renu Fatehpuria, PhD (Bio Chemistry)

(ii) Ms. Geeta Garg, M.Tech (IIT Delhi)

(iii) Mr. Gaurav Agrawal, BE Roorkee 1997, PhD (UMKC)

(iv) Ms. Meenu Koul, M Tech (DCE)

Brief Career Details: 1). PG (Dip) Highway Engg Roorkee 1961

2). Served UPPWD for 20 years mostly in research/soils/deputation.

3). Last post-Joined Director UP Council of Science & technology Voluntarily retired in 1982 and practiced consultancy in soils/foundations/Structure for another years.

Prabhat Chandra Sinha

BE (Civil) 1960

Date of Birth : 1st Jan, 1939

Address for Communication:

D-1219, Indira Nagar, Himalyan Road,
Lucknow – 226016

Contact Details:

Mobile: 9919741740

E-mail: pcsinha1139@gmail.com



Family Details:

Name of Spouse: Mrs. Sandhya Sinha, Married on 26-04-1963

Children : (i) Nupur Srivastava, B.Com.

(ii) Gunjan Sinha, M.Sc. & Ph.d

(iii) Jhankar Goel, Architecture

(iv) Payal Nath, M.Sc.

Brief Career Details: Joined Irrigation department as Assistant Engineer in 1961, remained associated with O.M. of canals, construction of Gandak canal as Executive Engineer. construction of Sarju link canal as SE. As senior staff officer retired on 31.12.1996 holding dual charge of Chief Engineer (Karmik).



DIAMOND JUBILEE (1960 BATCH)

Ravendra Kumar Saxena

BE (Electrical) 1960

Date of Birth : 31st Dec, 1939

Address for Communication:

4/988 Vikas Nagar
Lucknow – 226022

Contact Details:

Mobile: 97929 05584, 94151 03378

E-mail:

Family Details:

Name of Spouse: Mrs. Veena Saxena, Married on 22-06-1965

Children : (i) Mr. Vivek Saxena, Msc Defence College
(ii) Ms. Vasundhra, BHMS

Brief Career Details:

- 1). 1961 Joined as AE In UPSEB Lucknow.
- 2). Served as ES/SE in Power Stations (State)
- 3). Served as GM of Anpara Thermal Project Where (2x500 MW) Units Commissioned First in State / Served as ED of Anpara & OBRA Project. Retired in 1997.



Ravindra Kumar

BE (Civil) 1960

Date of Birth : 29th Jan, 1940

Address for Communication:

31 Ishwar Puri Sector 12 Indiranagar
Lucknow – 226016

Contact Details:

Mobile: 94150 28795

E-mail: ravindra964@yahoo.com

Family Details:

Name of Spouse: Mrs. Kusumlata, Married on 30-06-1963

Children : (i) Mr. Vipul Kumar, B. Tech Civil
(ii) Ms. Ekta Khare, B.Sc (Homesc) Diploma in Fashion Tech from NIFT, New Delhi.

Brief Career Details:

- 1). Issued more than 25 Arbitration awards as chairman Arbitral tribunal, DRB/DAB in highways, Bridge and buildings disputes.
- 2). Was awarded Sir Musaddi Lal Award in 1994 by IEI (INDIA) for paper on HILL ROADS.
- 3). Won prizes in weightlifting at UOR Roorkee
- 4). Won several prizes at District/Regional level in Badminton and Table tennis.

Retired as Engineer-in Chief and HOD.





DIAMOND JUBILEE (1960 BATCH)

Shyam Kishore

BE (Civil) 1960

Date of Birth : 10th Jan, 1940

Address for Communication:

House No. 2/180, Vishal Khand, Gomti Nagar,
Lucknow - 226010 (U.P.)

Contact Details:

Mobile: 98110 34719

E-mail: skishore083@gmail.com, skishore19@hotmail.com



Family Details:

Name of Spouse: Mrs. Shanti Kishore, Married on 28-03-1960

Children: (i) Ms. Suman Kishore, MA (JNU), 1988, B.Ed. (DU) 1992, Bank Employee – Stays in Lucknow.

(ii) Dr. Poonam Kishore, MBBS (MAMC-DU) 1991, DGO (MAMC-DU) 1997 – CMO (SAAG), DGHS, GNCT, New Delhi. (iii) Dr. Anupam Kishore (Son), MBBS (MAMC-DU) 1994, MD (NIMHANS) 1999, DNB (Delhi) 2000, MRCPSYCH (London) – Consultant Psychiatrist with NHS, UK – Stays in London.

Brief Career Details: Served Initially As A.E. In UP, PWD (1960-63), A.E.E. In Mot (Roads Wing), Gol (1963-67), from A.E.E.Up to Chief Engineer In C.P.W.D.(1967-98), served On Deputation to All India Radio (Civil Wing) (1972-74) And Delhi development Authority (1975-78). Have Been Involved in Design, Planning, Construction and Maintenance of Variety of Buildings, Roads, Flyovers, Bridges Airport Etc. Besides Working In Far Flung Area Like Andaman & Nicobar Islands And Gauhati Carried Out Works In The Whole Of Rajasthan, Western Half of UP And The Whole of Uttarakhand (I.E. in snow Clad Hills, Deserts And Plains) for Central Govt Departments/Organizations And All Paramilitary Forces As Well As Defence Ministry Works.

After Retirement, has been Working as Consultant for Various Govt. Organizations As Well As Private Entities, Including Investigation In The Complaints In CWG-2010 Projects, Collapse of Fire Station Building In Silvasa (DNH) Etc. Have Been Involved, Particularly As An Arbitrator for National Highways Projects In Rajasthan, Bengal And UP.

Also A Lawyer, Enlisted With the Bar Council of Delhi. Did LLB from Delhi University In 1990. A Fellow Of The Institution Of Engineers (I), Indian Council of Arbitrators, Indian Institution of Technical Arbitrators And International Council Of Consultants. Also a Life Member Of Indian Roads Congress, Indian Buildings Congress. Keep on Writing Technical Articles for The Publications Brought Out by some of the above named Institutions. Retired as Chief Engineer CPWD, Delhi in 1998

Surendra Shrivastava

BE (Electrical) 1960

Date of Birth : 1st Oct, 1938

Address for Communication:

1/1204, Viram Khand, Gomti Nagar,
Lucknow – 226010

Contact Details:

Mobile: 94155 45504

E-mail: surendralily0110@gmail.com

Family Details:

Name of Spouse: Mrs. (Late) Lily Shrivastava, Married on 21-06-1961

Children: (1) Ms. Mini Shrivastava, M. A. Married to Alok Kumar Shrivastava I.F.S. (2) Ms. Ninnie Shrivastava, M.A. LL.B. Practicing law at High Court, Lucknow (3) Dr. Ruby Chitranshi, M.A., B.Ed., Ph.D. Married to Col. Sandeep Shrivastava

Brief Career Details: Was awarded University SILVER MEDICAL in surveying. Joined U.P. State Electricity Board in 1961 and retired as Chief Engineer (LEVEL-1) in 1996.





DIAMOND JUBILEE (1960 BATCH)

Virendra Prakash

BE (Telecom) 1960

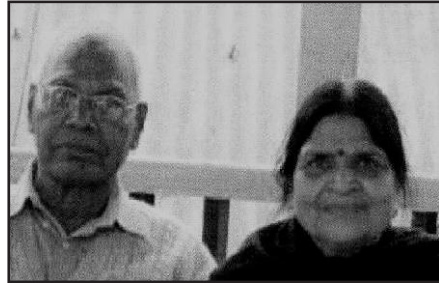
Date of Birth : 12th Jan, 1940

Address for Communication:
Krishna Kuti, 83/5, Ashok Nagar,
Lucknow – 226018

Contact Details:

Mobile: 94528 24514, 94522 04643

E-mail: virendraprakashlko@gmail.com



Family Details:

Name of Spouse: Mrs. Ajita Saxena Married on 31-05-1966

Children : (1) Late Dr. Neena Lal, MBBS, DGO, DFW, PGDM (Hospital Admin)
(2) Mr. Nirjhar Prakash, B. Tech

Brief Career Details: Retired as Chief Engineer UPSEB. Worked in Transmission Design, Microwave Communication System completion in UP. Online testing of 400kV network. Post retirement worked as consultant to PGCIL and as Professor at Banarasi Das Engineering College and Ram Swaroop Engineering College.

Surendra Shrivastava

BE (Electrical) 1960

Date of Birth : 1st Oct, 1938

Address for Communication:
1, 1204, Viram Khand, Gomti Nagar,
Lucknow – 226010

Contact Details:

Mobile: 94155 45504

E-mail: surendrailily@gmail.com

Family Details:

Name of Spouse: Mrs. (Late) Lily Shrivastava, Married on 21-06-1961

Children: (1) Ms. Mini Shrivastava, M. A. Married to Alok Kumar Shrivastava I.F.S. (2) Ms. Ninnie Shrivastava, M.A. LL.B. Practicing law at High Court, Lucknow (3) Dr. Ruby Chitranshi, M.A., B.Ed., Ph.D. Married to Col. Sandeep Shrivastava

Brief Career Details: Was awarded University SILVER MEDICAL in surveying. Joined U.P. State Electricity Board in 1961 and retired as Chief Engineer (LEVEL-1) in 1996.



DIAMOND JUBILEE (1961 BATCH)

Prabodh Kumar Panday

B.E.(Mech) 1961,
M.E. (Automobile) 1963 IISc Bangalore

Date of Birth : 30 August 1940

Place of Birth: Amraoti, India

Address for Communication :
1/79 Sector-D, Priyadarshini Colony,
Sitapur Road, Lucknow, 226020, India



Contact Details :

Mobile : +91 7703074574 (India) and +33 685569796 (France)

E-mail :prabodhpanday@yahoo.com

Family Details:

Name of Spouse : Renee Jaye Panday

Children: Arjun Panday
Sourya Prakash Panday

Brief Career Details :

1964 to 1970 Central Mechanical Engineering Research Institute, Durgapur (Scientist B and Scientist C) Work in refrigeration and heat transfer, (1964 to 1967- Doctorate in France)
1971 Nuffield Foundation Research Fellow, Kings College, London, UK
1972 to 1989 Teacher (Mechanical Engineering Design) (Assistant, Maître Assistant, Maître de Conférences) at University Institute of Technology, Orleans, France
Research in condensation heat transfer and boiling (State Doctorate from ParisX)
1990 to 2005 Professor of Mechanical Engineering at Technological University of Belfort & Mont Billiard, (UTBM), France, Taught courses in Heat Transfer, Thermodynamics, Fluid Mechanics, Two phase flows and Mechanical Design
2005 till Now Retirement
D.E.S.(Physical Sciences) 1966,Nancy University, France
Docteur Ingénieur (Ph.D) 1967, Nancy University France
State Doctorate (Physical Sciences) (D.Sc.) 1987, Paris X University, France
B.Sc. (Physics, Chemistry, Mathematics) 1958, Lucknow University, India



GOLDEN JUBILEE (1970 BATCH)

Atul Kumar Avasthi

BE (Metallurgical) 1970

Date of Birth : 22nd Feb, 1948



Address for Communication :

68/26-C Gandhi Nagar, Chhitwapur Pajawa,
Behind PCF Building, Station Road
Lucknow – 226001

Contact Details :

Mobile : 7376620602

E-mail : archana21awasthi@gmail.com

Family Details:

Name of Spouse : Mrs. Saroj Awasthi, Married on 19-06-1973

Children :

Daughters : (1) Ms. Vandana Awasthi, M. Sc., B. Ed., BLISc. (2) Ms. Archana Awasthi, M. Sc., B. Ed., BLISc. (3) Late Ms. Rachana Awasthi, B. Sc., MLISc.

Brief Career Details : Worked in mini Steel Plant for seven years from 1970-1977. Joined Industries Department of U.P. Govt. in 1977 and worked there for 12 years. In 1989 his services were transferred to U. P. Civil Secretariat of U.P. Govt. and got posted as Senior Research Officer in Public Grievances Deptt. Of Chief Minister's Office. From there retired in May 2009.

Binai Kumar Srivastava

BE (Civil) 1970

Date of Birth : 21st Jan, 1948



Address for Communication :

380-A, Secter-M, Aashiana Colony,
Lucknow – 226012

Contact Details :

Mobile : 9838070705

E-mail : binai21@rediffmail.com

Family Details:

Name of the Spouse : Mrs. Ranjana Srivastava, Married on 31-05-1972

Son : Mr. Sumit Srivastava, MBA

Brief Career Details : Served UP Irrigation Dept. for 36 years in various capacities. Has experience of construction of big barrages, aqueducts, maintenance of dams. Prepared DPR of UP Water System. Restructuring Project Phase-II, A world Bank aided Project team member. Besides others, prepared vision document of Water Management Plan for Conservation, Development and Utilization of Water Resources in Bundelkhand Region of U.P.



GOLDEN JUBILEE (1970 BATCH)

Brijendra Nath

BE (Electrical) 1970

Date of Birth : 8th Jan, 1948

Address for Communication :

19/301, Indira Nagar,,
Lucknow – 226016

Contact Details :

Mobile : 82994 15261

E-mail : gauransh0801@gmail.com



Family Details:

Name of the Spouse : Mrs. Aruna Gupta, Married on 16-02-1972

Son : Mr. Lalit Mohan, High School

Brief Career Details : Presently Retired. Joined UPPCL on 02-05-1975 as Graduate Engineer (Trainee). Then became SDO (RE) at Lalganj, Distt. Raebareli on 12-Feb-1976. Transferred as AE in Thermal Design in Lucknow in November 1976. Subsequently, joined Power System in Lucknow in November 1982. On promotion remained in Power System as Executive Engineer from 01-Feb-2000. Retired from Power system on 31st January 2006.

Chandra Pal Sen

BE (Civil) 1970

Date of Birth : 16th Feb, 1947

Address for Communication :

J-79 Aashiyana, Colony, Sector J,
Lucknow – 226012

Contact Details :

Mobile : 94150 63768

E-mail : cpsenj79@rediffmail.com



Family Details:

Name of the Spouse : Mrs. Sushma Sen, Married on 22-11-1971

Children : Daughter : Ms. Shweta Verma, M.Sc

Son : Mr. Sameer Singh, B.E. E&C 1999 Roorkee and Mr. Shrish C Verma, IAS

Brief Career Details : Retired in 2007 from Irrigation Dept. UP Irrigation.



GOLDEN JUBILEE (1970 BATCH)

Dileep Kumar Mittra

BE (Electrical) 1970

Date of Birth : 23rd Jan, 1948

Address for Communication :

1/143 Vikas Nagar,
Lucknow – 226022

Contact Details :

Mobile : 94151 10147

E-mail : dk23mittra@gmail.com



Family Details:

Name of the Spouse : Mrs. Rina Mittra, Married on 14-02-1974

Daughters : Ms. Krishnendu Mittra, B.E. (Electronics)

Brief Career Details : Retired as Chief General Manager from UPPCL. Initiated power sector reforms & restructurings in U.P. Planning & Financing of U.P. Power Sector with foreign assistance viz. WB, ADB, CIDA etc. Organised International / National conferences viz. ICOLD, CIGRE etc.

Dinesh Chandra Saxena

BE (Civil) 1970

Date of Birth : 28th May, 1946

Address for Communication :

B-742 Sector C, Behind SBI, Mahanagar,
Lucknow – 226006

Contact Details:

Mobile: 94510 87189

E-mail: poojags2805@gmail.com



Family Details:

Name of Spouse: Mrs. Neelam Saxena, Married on 06.06.1974

Children:

1. Ms. Neema Das, (Daughter) B. Tech IIT Kanpur, MS University of Colorado US., married to Mr. Subrangshu Das, B. Tech IIT Kanpur, MS MIT US, presently working as Technical Head at Google Bangalore.
2. Dr. Amit Saxena B. Tech IIT Roorkee Phd from Georgia University US, presently working in Tetra Pak Sweden.

Brief Career Details:

Retired as Head of Department of Rural Engineering Services Uttrakhand in 2006. In 1998 and 2003 he adopted a boy and a girl and took responsibility of their education now a days boy Mr. Ved Prakash working in Cannon Bangalore and girl Ms. Pooja Saxena is in final year of B. Tech. Computer Science.



GOLDEN JUBILEE (1970 BATCH)

Dinesh Kumar Singhal

BE (Civil) 1970

Date of Birth : 02nd July, 1948



Address for Communication :

12/87, Vikas Nagar,
Lucknow – 226022

Contact Details:

Mobile: 9839317874

E-mail: dksinghal01@yahoo.in

Family Details:

Name of Spouse: Mrs. Usha Singhal, Married on 25.11.73

Children:

1. Ms. Priyanka Agarwal, B.E.
2. Mr. Rubal Singhal, M.D.

in 12th Class in DPS Mathura Rd, Delhi

Brief Career Details:

Superintendent Engineer, U.P. Jal Nigam

Girish Kumar Kapoor

BE (Electrical) 1970

Date of Birth : 2nd Dec, 1946



Address for Communication :

K-679, Aashiana Colony
Lucknow – 226012

Contact Details:

Mobile: 9565906016, 9140721344, 9415918927

E-mail : gkkap@rediffmail.com

Family Details:

Name of Spouse: Mrs. Sudha Kapoor, Married on 10th Dec., 1973

Children:

1. Ms. Preeti Tandon, M.Sc (Maths)
2. Ms. Ruchi Khanna, MCA
3. Ms. Ritu Seth, M. Sc., Ph.D.

Brief Career Details:

Retired as Deputy General Manager on 31.12.2004 from Uttar Pradesh Power Corporation Limited (UPPCL), Lucknow



GOLDEN JUBILEE (1970 BATCH)

Jinendra Kumar

BE (Electrical) 1970

Date of Birth : 04th Feb, 1947

Address for Communication :

B-7/113 Shree Nathji Vihar Society,
Near Daliganj Railway Crossing, Sitapur Road,
Lucknow – 226020

Contact Details:

Mobile: 9838566579

E-mail: jinendra1947@gmail.com



Family Details:

Name of Spouse: Mrs. Poonam Jain, Married on 16.6.1973

Children:

1. Dr. Puneet Jain, Ph.D.(Physics)
2. Dr. Nitin Jain, Ph.D. (Biomedical Engg.)

Brief Career Details: 1) Worked in Obra Thermal Power Station in Administration and Electrical Daintenance in 'B' TPS coal handling plant and operation in 5x50 MW 'A' TPS.

2) Thermal design and Engineering, Procurement circle, Regulatory Affairs Unit and RPMO at Lucknow. Retired as Executive Engineer UPPCL Lucknow

Kunwar Pal Singh Verma

BE (Metallurgical) 1970

Date of Birth : 10th Jan, 1949

Address for Communication :

102, Amrapalee Greens Apartments Vrindavan Yojna,
Sector 2, Raebareli Road,
Lucknow – 226029

Contact Details:

Mobile: 9795526744

E-mail: kpsverma49@gmail.com

Family Details:

Name of Spouse: Mrs. Saroj Verma, Married on 14.6.1974

Children:

1. Ms. Kanchan Verma, M.A.
2. Mr. Anurag Verma, Ph.D.

Brief Career Details: Did M. Tech. from IIT Kanpur and then in April 1973, Joined Bokaro, SAIL. In 1981. left SAIL and joined as CLW Chittaranjan. Same year, I was transferred to Railway's newly set up Wheel and Axle Plant Bangalore, then to DLW Varanasi and to RDSO from where retired as Head, M&C Directorate in 2009. Visited 15 countries on official work. Won two Rly Ministers' award. Also got best Metallography award IIM 1999.





GOLDEN JUBILEE (1970 BATCH)

Kripa Shanker Mani Tripathi

BE (Civil) 1970

Date of Birth : 22nd Jan, 1947

Address for Communication :

1/79, Viram Khand, Gomti Nagar,

Lucknow – 226010

Contact Details:

Mobile: 9415101686

E-mail: ksmtripathi@gmail.com

Family Details:

Name of Spouse: Mrs. Vindyawasini Tripathi

Children:

1. Mr. Arun Mani Tripathi, B.E. (Civil Engg.)
2. Mr. Varun Tripathi, B.E. (Electrical & Electronics)

Brief Career Details : Retired from U.P. Irrigation Deptt.

Mahendra Vir Saxena

BE (Mechanical) 1970

Date of Birth : 15th Aug, 1948

Address for Communication :

20/111, Indira Nagar,

Lucknow - 226016

Contact Details:

Mobile: 89209 33756

E-mail: mvsaxena48@gmail.com

Family Details:

Name of Spouse: Mrs. Madhubala Saxena

Children:

1. Ms. Mita Saxena, M.Com. MBA (HR).
2. Mr. Mayank Vir Saxena, B. Tech., NIT Allahabad, PGDM (XLRI), Executive MBA (INSEAD).
3. Mr. Mohit Saxena, B.Tech. (Electrical), NIT Trichy.

Brief Career Details: Retired.



GOLDEN JUBILEE (1970 BATCH)

Narendra Kumar Kanodia

BE (Civil) 1970

Date of Birth : 23rd Sept, 1948

Address for Communication :

1/14, Vivek Khand, Behind PNB,
Gomtinagar, **Lucknow – 226010**

Contact Details:

Mobile: 9415111306

E-mail : kanodiank@gmail.com



Family Details:

Name of Spouse: Mrs. Shashi Kanodia

Children:

1. Dr. Nishant Kanodia, MBBS, MD General Medicine
2. Mr. Ashish Kanodia, B. Tech. (Computers), MBA Finance.

Brief Career Details:

Retired as Senior Chief Engineer from UPPWD Lucknow.

Worked as Senior Consultant with M/s Krishna Technocrats Bhopal.

Worked as Team Leader cum Highway Engineer with NHAI Lucknow & State Highway Authority Lucknow.

Presently working as Principal Arbitrator with NH, World Bank & State Projects of UPPWD.

Rakesh Mohan

BE (Civil) 1970

Date of Birth : 17th Sept, 1949

Address for Communication :

G 212, South City, Raebareli Road,
Lucknow - 226029

Contact Details:

Mobile: 8318949408

E-mail : rakeshmohan997@gmail.com



Family Details:

Name of Spouse: Mrs. Rita Saxena. Married on 14 Dec., 1974

1. Mr. Nitesh Saxena, B. Tech. (Electronics)
2. Mr. Nitin Mohan, M. Tech. EC IIT Roorkee

Brief Career Details:

Retired as Superintending Engineer from UP Irrigation Dept. On 30th Sep. 2009.



GOLDEN JUBILEE (1970 BATCH)

Ravindra Srivastava

BE (Mechanical) 1970

Date of Birth : 1st Dec, 1945

Address for Communication :

A 393, Indira Nagar,
Lucknow – 226016

Contact Details:

Mobile : 9415403320

E-mail : ravindra.srivastava7@rediffmail.com

Family Details:

Name of Spouse : Mrs. Kumkum Srivastava, Married on 26th Jan., 1979

Children:

1. Mr. Abhishek Srivastava, Ship Repair Manager in Oman Dry Dock
2. Mr. Arjun Srivastava, Lawyer & presently employed as Senior Manager in Legal department of Lupin India.

Brief Career Details:

Sailed as Chief Engineer in Merchant Navy from 1980 to 2017. Retired as Chief Engineer from Great Eastern Shipping Company

Raj Kishore Vaish

BE (Electrical) 1970

Date of Birth : 18th Jan., 1946

Address for Communication :

3/85, Vivek Khand, Gomti Nagar,
Lucknow – 226010

Contact Details:

Mobile: 94505 77334

E-mail: vrajkishore46@gmail.com



Family Details:

Name of Spouse: Mrs. Krishna Gupta, Married on 17.2.1972

Children:

1. Ms. Divya Vaish, MBA
2. Ms. Sonam Vaish, B.E. (Computer Science).

Brief Career Details: M.E. Power System UOR 76. Worked in Distribution & Transmission Organization of UPPCL rendering service for 32.5 yrs. Retired as DGM from UPPCL.



GOLDEN JUBILEE (1970 BATCH)

Suresh Chandra Sangal

BE (Civil) 1970

Date of Birth : 1st July, 1947

Address for Communication :

House # 454/1, Sector 18, Indira Nagar,
Lucknow – 226016

Contact Details :

Mobile: 98391 82085, 94506 44324

E-mail : scsangal@rediffmail.com



Family Details:

Name of the Spouse : Mrs. Madhu Sangal

Children:

1. Km. Charu Chandra (MBA), SAP India Pvt Ltd.,
2. Km. Tanushree Sangal (LLM), Private practice,
3. Abhinava Chandra (M.Tech), Intel Corporation Ltd.

Brief Career Details : Having 37 yrs. of experience in Design, Execution and Supervision of water supply (Urban & Rural), Sewage systems, Sewage utilization, construction of building and roads in different capacities.

Satya Prakash Sharma

BE (Mechanical) 1970

Date of Birth : 1st Jan, 1948

Address for Communication :

20/240, Sector 20, Indira Nagar,
Lucknow – 226016

Contact Details:

Mobile: 9415789242

E-mail : spsharma01948@gmail.com



Family Details:

Name of Spouse: Mrs. Deepa Sharma. Married on 18.11.1971

Children:

1. Ms. Vartika Sharma, B. Com, MBA

Brief Career Details:

Worked as Lecturer Mech. Engg. In Deptt of Tech. Education UP at Government Polytechnic Moradabad from 6.11.1970 to 9.8.1973. Joined Irrigation Deptt UP on 10.8.1973 as Asstt. Engr. Worked at different places up to Feb 1997. Worked as Executive Engineer from Feb 1997 to Jan 2007 and worked as Supdt Engr upto Dec 2007 and retired. Also worked as consultant in NBARD, UPRO, Lko upto Mar 2018. Also, fellow of Institution of Engrs (FIE). Retired from Irrigation Department.



GOLDEN JUBILEE (1970 BATCH)

Vidya Bhaskar Dubey

BE (Civil) 1970

Date of Birth : 28th June, 1947

Address for Communication :

Flat No D2 403 Akash Enclave, Sector 6A,
Vrindanav Yojna, Raebareli Road,
Lucknow – 226029

Contact Details :

Mobile : 94150 20785

E-mail : v.dubey16@@yahoo.com



Family Details:

Name of Spouse : Mrs. Nirupma Dubey, Married on 03.07.1972

Children:

1. Mr. Manish Bhaskar Dubey, M.M.S.
2. Ms. Monika Dubey, MBBS, MS (Obs & Gyne)

Brief Career Details : Worked as AE,EE,SE and CE in UPPWD. Area of work- Village/District Roads & State/ National Highways and Expressways. Construction of Bridges and Multi-storeyed Buildings. Also worked as National Monitor in Min of Minorities & PMGSY. SQM PMGSY in UP & UK. Retired as Chief Engineer UPPWD.

Akhilesh Chandra Trivedi

BE (Mechanical) 1971

Date of Birth : 8th Feb, 1950

Address for Communication :

B-1-3/1, Sector K, Aliganj,
Lucknow – 226024

Contact Details :

Mobile : +91 94151 71293

E-mail : actrivedi1950@gmail.com



Family Details:

Name of Spouse : Mrs. Kanchan Lata Trivedi, Married on 24-06-1973

Children : (1) Ms. Mona Trivedi, M. Sc.
(2) Mr. Abhishek Trivedi, BE

Brief Career Details: Was associated with major and minor Irrigation projects. Retired from UP Irrigation UP Irrigation.



GOLDEN JUBILEE (1971 BATCH)

Ajai Kumar

BE (Civil)1971

Date of Birth : 1st Jul, 1949

Address for Communication :

I-42 A, Viram Khand, Gomti Nagar,

Lucknow – 226010

Contact Details :

Mobile : +91 94151 57772

E-mail : ajar.2318@gmail.com



Family Details:

Name of the Spouse : Mrs. Arti Srivastava, Married on 27-05-1973

Children : Mr. Jeetesh Srivastava, B.E. Civil IIT Roorkee

Ms. Neeta Srivastava, B.E. E&C, MNREC Allahabad.

Brief Career Details: Was associated with various design, building, road, bridge projects which were successfully completed. It has been a wonderful journey. Chief Engineer (Retd.) UPPWD.

Anil Kumar

BE (Electrical)1971

Date of Birth : 22nd Feb, 1948

Address for Communication :

C-1121, Indira Nagar,

Lucknow – 226016

Contact Details :

Mobile : +91 79775 53059

E-mail : anuanil48@yahoo.com



Family Details:

Name of the Spouse : Mrs. Anu Gupta, Married on 07-02-1977

Son : Mr. Saurabh Kumar, B. Tech, M.B.A

Mrs. Shobhita Gupta, BCA

Brief Career Details : Worked at different posts in U.P.P.C.L between 1973-2006. Retired as Superintendent Engineer from U.P. Power Corporation Ltd.



GOLDEN JUBILEE (1971 BATCH)

Anil Kumar Sharma

BE (Electrical) 1971

Date of Birth : 17th Mar, 1948

Address for Communication :

Harishanti, A-3/23, Vishwas Khand,
Gomtinagar, **Lucknow – 226010**

Contact Details :

Mobile : +91 93356 32710

E-mail : harishanti323@gmail.com



Family Details:

Name of the Spouse : Mrs. Mridula Sharma, Married on 23-06-1977

Children : Mr. Anshit Sharma, BS (Electrical Engg), MBA

Mr. Anshul Sharma, M.D.S. (Pedodontics)

Brief Career Details: Retired as General Manager from The Pradeshiya Industrial & Investment Corporation of UP Ltd. Subsequently engaged in providing Management advisory and Industrial Consultancy to Organizations at Corporate level specific & general issues. Director, RAEL Geartech Limited.

Ashok Kumar Khare

BE (Civil) 1971

Date of Birth :

Address for Communication :

12/402 Malhar Deluxe, Sahara Grace, Apartment,
Jankipuram, **Lucknow – 226021**

Contact Details :

Mobile : +91 86046 11226

E-mail : khare_ashok123@yahoo.com



Family Details:

Name of the Spouse : Mrs. Nimlesh Khare, Married on 08-04-1973

Children : Mr. Ashish Khare, B.E. Civil IITR 1997

Mr. Aseem Khare, B.Sc., GNIIT

Ms. Deepali Khare, M. Tech CS

Brief Career Details: Worked in Investigation & Planning, Irrigation Design Organization Roorkee. Shaarda Canal System Maintenance & Drainage and Flood Works Maintenance. Retired Executive Engineer (Civil) Uttar Pradesh Irrigation Department



GOLDEN JUBILEE (1971 BATCH)

Govind Bahadur
BE (Electrical) 1971
Date of Birth : 06th Jul, 1949

Address for Communication :
E-501, Utsav Enclave, Opp. HAL, Faizabad Road,
Indiranagar, Lucknow – 226016

Contact Details:
Mobile: +91 9452176834

E-mail: Govind.bahadur@gmail.com

Family Details:

Name of Spouse: Dr. Adarsh Govind, Married on 05-03-1978
Children: Mr. Abhinav Govind, B. Tech (I.T.B.H.U.) & M.B.A. (I.S.B. Hyderabad)

Brief Career Details: Served in:

- a. Planning Deptt. U.P. Government (Project Development)
 - b. Cable Mfg. Org. (Distribution, Transmission & Submarine cables)
 - c. U.P.P.C.L. (Manpower management, Materials Procurement, Power Systems.)
- Also undergone special training in power systems at United Kingdom.

Retired as Executive Engineer from U.P. Power Corporation Ltd.



Gyan Prakesh
BE (Civil) 1971
Date of Birth : 1st Mar, 1947

Address for Communication :
B-1/262, Sector – H, L.D.A. Colony, Kanpur Road,
Lucknow – 226012

Contact Details:
Mobile: +91 99363 42429

E-mail: gyanprakash262@gmail.com

Family Details:

Name of Spouse: Mrs. Pankaj, Married on 30-11-1976
Children:

1. Mr. Naveen Srivastava, Graduate
2. Ms. Maanvi Srivastava, MBA

Brief Career Details: Main Postings – Canal Survey, Maintenance Gandak Canal Systems, Maintenance Allahabad Branch & Systems, Rihand Dam, dam Safety Cell & Water And Land Management Institute, Lucknow. Retired from U.P. Irrigation Department.





GOLDEN JUBILEE (1971 BATCH)

Harish Chandra Srivastava

BE (Civil)1971

M.E. (Highway) 1973

Date of Birth : 31st Jul, 1949

Address for Communication :

22/461, Indira Nagar,
Lucknow – 226016

Contact Details:

Mobile: 94150 89273, 73170 48814

E-mail : harishchandrasrivastava@gmail.com



Family Details:

Name of Spouse: Mrs. Manjula Srivastava,

Children:

1. Ms. Arpita Srivastava, B.Com LLB
2. Mr. Dhananjay Srivastava, B.Com LLB

Brief Career Details: Joined UP PWD as Assistant Engineer on 04.01.1974, Retired as Chief Engineer UP PWD on 31.07.2009.

Narayan Kishore Srivastava

BE (Mechanical) 1971

Date of Birth : 01st Jan, 1947

Address for Communication :

12/710, Indira Nagar,
Lucknow – 226016

Contact Details:

Mobile: +91 96482 50303

E-mail: n.kishore1947@gmail.com



Family Details:

Name of Spouse: Mrs. Shashibala Srivastava, Married on 25-06-1975

Children:

1. Ms. Rupali Srivastava, BSc, PG Diploma
2. Ms. Nupur Prakash, B.Com., MBA
3. Mr. Shobhit Srivastava, B. Tech, MBA

Brief Career Details: Had been on deputation since beginning in U.P. State Bridge Corporation Ltd. Was associated with major projects of Bridges, Barrages and Road constructions in various capacities in India and abroad. Retired from UPPWD.



GOLDEN JUBILEE (1971 BATCH)

Om Dutta Sharma

BE (Mechanical) 1971

Date of Birth : 13th Jun, 1950

Address for Communication :

C-924, Sector – B, Mahanagar,
Lucknow – 226006

Contact Details:

Mobile: +91 84293 96530

E-mail: omdutta.sharma05@gmail.com

Family Details:

Name of Spouse: Mrs. Rekha Sharma, Married on 28-11-1979

Children:

1. Ms. Nupur Sharma, BCA, MBA
2. Mr. Nakul Sharma, B Tech IT, MS

Brief Career Details: Served in Design Organization, Procurement Organization and Tubewell Organization And on Administrative post at the headquarter of the Irrigation Department. Retired Chief Engineer (Mechanical) from Irrigation Deptt.UP.



Praveen Kumar Jain

BE (Electrical) 1971

Date of Birth : 19th Nov, 1949

Address for Communication :

C-17, Sector – P, Aliganj,
Lucknow – 226024

Contact Details:

Mobile: +91 94501 10464, +91 79055 81356

E-mail: erpraveenkumarjain@gmail.com

Family Details:

Name of Spouse: Mrs. Abha Jain, Marriage on 22-06-1979

Children:

1. Mr. Prashant Kumar Jain, B.Tech
2. Ms. Mudita Jain, B. Tech
3. Ms. Abhilasha Agarwal, MBA
4. Mr. Rachit Agarwal, MBA

Brief Career Details: Joined U.P. State Electricity Board in 1973 as Assistant Engineer, promoted as Executive Engineer in 1996, UPSEB bifurcated into 3 different Corporations in 2000, promoted as Superintending Engineer in UPPCL in 2005, and retired in 2009, now settled at Lucknow.





GOLDEN JUBILEE (1971 BATCH)

Pravin Singh

BE (Electronics & Communication) 1971

Date of Birth : 07th Oct, 1947

Address for Communication :

2/320, Vishal Khand, Gomtinagar,
Lucknow - 226016

Contact Details:

Mobile: +91 78008 98404

E-mail: pravinsingh.7@gmail.com

Family Details:

Name of Spouse: Mrs. Shanti Singh, Married on 03-03-1976

Children:

1. Mr. Abhishek Singh, MS
2. Ms. Pooja Singh, BTA
3. Ms. Pritha Singh, MA

Brief Career Details: Worked in UP Power Sector. Looked telecontrol of Hydro Power Stations, design and Engg. Of 220 and 400 KV grid stations, testing and commissioning of communication equipment etc. Retired from UP Power Corporation



Rajendra Prashad Gupta

BE (Electrical) 1971

Date of Birth : 30th Jan, 1948

Address for Communication :

109/190, Model House,
Lucknow

Contact Details:

Mobile: 9305226679

E-mail : nimesh.g26@gmail.com

Family Details:

Name of Spouse: Mrs. Anjana Gupta

Children:

1. Mr. Nimesh Gupta, BE
2. Mr. Manish Gupta, CA

Brief Career Details: After Retirement Only Jogging for maintaining health.





GOLDEN JUBILEE (1971 BATCH)

Rajeev Hajela

BE (Mechanical) 1971

Date of Birth : 06th May, 1950

Address for Communication :

2/91, Vishal Khand, Gomti Nagar,
Lucknow - 226010

Contact Details:

Mobile: +91 96211 21127

E-mail : col.hajela@gmail.com

Family Details:

Name of Spouse: Mrs. Shyamla, Married on 23-12-1973

1. Ms. Rashi, MBA
2. Mr. Shirish, MCA

Brief Career Details: Served in Army (Corps of EME) for thirty years. After retirement from the rank of Colonel, served in various Engineering Institutions. Retired as Principal in 2018 from Bhonwal School of Engineering as Principal.



Rajiva Rastogi

BE (Electrical) 1971

Date of Birth : 11th Sept, 1948

Address for Communication :

263, Eldeco Greens, Gomtinagar,
Lucknow – 226 010, Uttar Pradesh

Contact Details:

Mobile : +91 99197 74440

E-mail : rajivarastogi47@rediffmail.com

Family Details:

Name of Spouse : Mrs. Rashmi Rastogi, Married on 11-06-1972

Children:

1. Mr. Tanmay Rastogi, Dentist
2. Mr. Vaibhav Rastogi, MBA

Brief Career Details: Retd. Chief Engineer from UPPCL. Worked as Power Consultant at National and International Level.





GOLDEN JUBILEE (1971 BATCH)

Suresh Chand Ahuja

BE (Electrical) 1971

Date of Birth : 1st Jul., 1949

Address for Communication :

157/3, Chander Nagar, Alambagh,
Lucknow – 226005



Contact Details:

Mobile: +91 80520 44440

E-mail: parulkhanna1977@gmail.com

Family Details:

Name of Spouse: Mrs. Madhu Ahuja, Married on 25-11-1976

Children:

1. Ms. Parul Ahuja, M.Sc. (Biology)
2. Ms. Rimzhim Tewari, M.Com.

Brief Career Details: Worked in Power Sector for 35 Yrs. Retired as Chief Engineer (UPPCL).

Sanat Kumar Jalan

BE (Civil) 1971

Date of Birth : 7th July, 1948

Address for Communication :

T-1, 701, Parsvanath Planet, Vibhuti Khand,
Gomti Nagar, Lucknow – 226010



Contact Details :

Mobile: +91 98390 16206, 88875 19859

E-mail : sanat_jalan@rediffmail.com

Family Details:

Name of the Spouse : Mrs. Kusum Jalan, Married on 24-02-1976

Children:

1. Ms. Surabhi Shah, BA, PGDTM
2. Ms. Smita Agarwal, Dip. Fashion Designing
3. Mr. Rohit Jalan, B. Tech. MBA

Brief Career Details: Retired from UPPWD as Chief Engineer in 2008. Thereafter worked as National Quality Monitor for PMGSY works in NRRDA till 2017.



GOLDEN JUBILEE (1971 BATCH)

Shiv Narain Agrawal

BE (Electrical) 1971

Date of Birth : 10th Mar, 1948

Address for Communication :

408/9, Khet Gali, Chaupatiyan Chowk,
Lucknow – 226003

Contact Details:

Mobile: +91 94150 25339

E-mail : snashobha@gmail.com



Family Details:

Name of Spouse: Mrs. Shobha Agrawal, Married on 22-11-1973

Children:

1. Mr. Anurag Agrawal, MBA
2. Ms. Ruchi Gupta, M.Sc. (Food and Nutrition)

Brief Career Details:

- a. Joined Dalmia Iron and Steel Factory at Calcutta, 1971
- b. Electro Steel Casting with Electric Arc Furnaces at Ghaziabad, 1973
- c. Bhagwan Industries with Electric Arc Furnaces and Rolling Mill at Lucknow, 1975
- d. Presently doing business of Iron & Steel with Cement at Lucknow, since 1985.

Ved Prakash Gupta

BE (Civil) 1971

Date of Birth: 1st Apr, 1947

Address for Communication:

E-5 Chandra Apartment, 114-115 Kabir Marg,
(Near Yojana Bhawan),
Lucknow – 226001

Contact Details:

Mobile: +91 94517 34531

E-mail: vedpragupta@rediffmail.com



Family Details:

Name of Spouse: Late Mrs. Roopa Gupta, Married on 30-01-1973

Children:

1. Mr. Vipul Kumar Gupta, BE, MBA
2. Ms. Monika Gupta, MBBS, MS

Brief Career Details: Joined UP, PWD on 25.10.1972. Worked as Assistant Engineer, Executive Engineer, Superintending Engineering and Chief Engineer at various places of UP and retired on 31.03.2007.



GOLDEN JUBILEE (1971 BATCH)

Vijay Kumar Mohla

BE (Electrical) 1971

Date of Birth : 15th Jun, 1949

Address for Communication:

C-244, Rajajipuram,
Lucknow – 226017

Contact Details:

Mobile: +91 93359 04368

E-mail: vkmohla@yahoo.com



Family Details:

Name of Spouse: Late Smt. Kiran Mohla, Married on 20-02-1977

Children:

1. Ms. Mridula Mohla, MBA & MPhil
2. Mr. Ajay Mohla, MBA

Brief Career Details: Worked in Power Sector (UPSEB / UPPCL) for 33 years and after taking voluntary retirement presently doing consultancy in Power / Electrical Projects.

Vinod Kumar Kathuria

BE (Civil) 1971

Date of Birth : 11th May, 1949

Address for Communication :

B 4/50, Vinay Khand, Gomti Nagar,
Lucknow – 226010 (U.P.)

Contact Details :

Mobile : +91 76073 70647

E-mail : vinodkathuria@gmail.com



Family Details:

Name of Spouse : Mrs. Anju Kathuria, Married on 14-11-1976

Children:

3. Mr. Vikrant Kathuria, Hotel Management, MBA
4. Ms. Pankuri Katuria Parti, Town Planning, Law

Brief Career Details:

- a. Got Certificate of appreciation from the department for administrative acumen.
- b. Got appreciation from Two Chief Ministers for quick and quality execution of projects of Aligarh, Saifai and Etawah.
- c. Got certificate of appreciation from Commissioner Kanpur for Kanpur Water Supply Project.
- d. Retired as Chief Engineer, UP Jal Nigam



SILVER JUBILEE (1995 BATCH)

Rakesh Yadav
BE (Civil) 1995
Date of Birth : 01st Oct. 1973

Address for Communication :
6/54 Vineet Khand, Gomtinagar
Lucknow - 226010

Contact Details :
Mobile : 95171 04820

E-mail : rakesh3980@yahoo.com

Family Details:
Name of Spouse : Mukta yadav
Children: Saksham



Brief Career Details : Joined U.P irrigation department in nov. 1999 as assistant engineer. Promoted to Executive engineer in 2012 and to superintending in 2018. Now posted as superintending engineer at Kanpur.

Save The Water





IIT ROORKEE ALUMNI ASSOCIATION LUCKNOW CHAPTER



DIRECTORY OF MEMBERS

**DIRECTORY-INDEX**

(In Alphabetical order of Name of Members)

NAME	Sno	NAME	Sno	NAME	Sno
A A Siddiqui	393	Akriti Singh	771	Arun Thapa (Dr)	621
A B Misra	274	Alka Chauhan	562	Arvind Deo Arya	719
A C Sharma	28	Alok Kumar	563	Arvind Kumar Gupta	423
A C Trivedi	304	Alok Mehrotra	679	Arvind Kumar Pathak	480
A Chatterji	523	Amar Nath Sharma	440	Arvind Kumar Sharma	702
A K Chaturvedi	356	Amit Kumar	710	Arvind Kumar Shukla	566
A K Gangwar	357	Amit Kumar	750	ArvindSingh Yadav	732
A K Jindal	544	Anand Sagar	193	Ashish Agrawal	711
A K Jouhari (Dr.)	213	Anil Garg	524	Ashish Dogra	767
A K Katiyar (Dr.)	596	Anil Jaiswal	564	Ashish Kumar Gupta	687
A K Mathur	597	Anil Jaiswal	648	Ashok Kr Srivastava	481
A K Mishra	394	Anil Kalra	701	Ashok Kumar	358
A K Pathak	638	Anil Kr Chowdhary	384	Ashok Kumar	385
A K Srivastava	334	Anil Kumar	306	Ashok Kumar	567
A K Tandan	253	Anil Kumar	619	Ashok Kumar Agarwal	599
A N Tiwari	95	Anil Kumar Agarwal	420	Ashok Kumar Agarwal	622
A P Garg	15	Anil Kumar Jain	421	Ashok Kumar Gupta	337
A P Singh	545	Anil Kumar Jain	525	Ashok Kumar Gupta	424
A. K. Singhal	335	Anil Kumar Kohli	478	Ashok Kumar Khare	308
Abdul Hamid	457	Anil Kumar Purwar	422	Ashok Kumar Mishra	46
Abhay Mehrotra	476	Anil Kumar Srivastava	395	Ashok Kumar Sharma	98
Abhishek Kumar Singh	731	Anil Sharma	307	Ashok Kumar Singh	650
Abhishek Sharma	639	Anima Guha Roy	336	Ashok Kumar Srivastava	459
Adarsh Baijal	383	Anish Kumar Jain	396	Ashok Kumar Yog	146
Adarsh Kumar	145	Anoop Kumar	546	Ashok Rathi	482
Adesh Kumar	700	Anubhav Kumar	768	Ashok Srivastava	460
Aftab Ahmed Ansari	477	Anuj Kumar Varshneya	547	Ashutosh Kumar	714
Ajai Kumar	677	Anup Kumar	397	Ashutosh Kumar Rai	548
Ajai Srivastava	678	Anurag Agrawal	649	Ashutosh Mittal	309
Ajay Behl	561	Anurag Asthana	565	Ataullah Quraishi	255
Ajay Kumar	764	Arjun Dass	78	Atul Kumar Awasthi	276
Ajay Kumar Srivastava	305	Arun Kr Pachouri	97	Atul Kumar Saxena	659
Ajay Mittal	694	Arun Kumar Rawal	620	Atul Srivastav	398
Ajay Prakash	96	Arun Kumar s/o Pratap Singh	275	Avatar Singh	47
Ajay Singh Tomar	458	Arun Kumar Srivastava	479	Avdesh Kumar Mathur	25
Ajit Dubey	618	Arun Kumar Vashistha	45	Avinash Chandra	160
Ajit Kumar Rastogi	254	Arun Kumar, IPS	598	Avinash Ghai	720



NAME	Sno	NAME	Sno	NAME	Sno
Akhil Kumar	419	Arun Saxena	680	B B Singh	99
B D Pandey	48	B S Mathur	80	Bikkan Lal Agarwal	215
B K Sinha	49	B V Tripathi	214	Binay Kumar Srivastava	278
B K Srivastava	50	Bal Karan Singh	483	Bipin Kumar Jain	526
B L Agarwal	79	Bal Krishan	399	Braj Kishore Agrawal	359
B M Agrawal	168	Baleswar Das	23	Brajesh Kumar Singh	216
B M L Srivastava	51	Bhagwati Singh	742	Brij Mohan Gupta	34
B M Mittal	277	Bharat Bhaskar	502	Brij Mohan Lal	100
B N Agarwal	147	Bheem Singh	425	Brij Mohan Mittal	81
B P Sharma	441	Bhola Shankar	503	Brijendra Nath	279
B P Singh	442	Bhupendra Kumar	194	Brijendra Prasad	35
B S Dayal	52	Bhupesh Mittal	504	Brijesh Chandra Srivastava	623
B S Gangwar	443	Bhuwaneshar Singh	256	Brijesh Kumar	568
C L Gupta	484	C. P. Rastogi	36	Chandra Mohan Nautiyal (Dr)	444
C P Mahal Wala	53	Chanakya Jain	769	Chandra Pal Sen	280
C S Sharma	217	Chandra Bali	461	Chandrika Pd Yadav	640
D C Agarwal	338	D P Pandey	219	Dharam Vir	13
D C Samant	218	D P Srivastava	339	DharamVir Gambhir	361
D C Saxena	281	D R Singh	220	Dharmendra Kumar Singh	222
D C Varshney	101	D S Sarawat	310	Dharmendra Pratap Singh Tomar	600
D K Agarwal	549	D V Singh	340	Dhruv Narayan	601
D K Sarkar	54	Deep Kumar Gupta (Dr.)	221	Dileep Kumar Mittra	283
D K Singhal	282	Deepak Gupta	426	Dilip Kumar Agarwal	486
D K Srivastava	462	Deepak Nagar	707	Dinesh Chandra Chaudhari	427
D K Verma	688	Deepak Raizada	660	Dinesh Kumar	550
D K Yadav	505	Deepak Raj	311	Dinesh Kumar Agrawal	362
D N Agarwal	195	Deepak Singhal	485	Dinesh Narain Bajpai	363
D N Bhargawa	161	Deo Pal	169	Divya Krishna Mishra	715
D N Sharma	506	Devendra Chandra Verma	661	Dr. D.S. Bhargav	170
D N Srivastava	360	Devendra Mohan	341	Dr. Sudhir Shukla	761
Dushyant Kumar	284	Dushyant Kumar	507	Edison Singh	751
G C Agarwal	132	Gaurav Agarwal	681	Gokarn Singh	133
G C Shah (Col)	463	Gaurav Verma	733	Gopal Kumar Garg	551
G D Singhal	312	Gauri Shankar Goel	487	Gopal Sinha	364
G K Kapoor	285	Gautam Sanyal (Maj)	224	Govind Bahadur	313
G Nath Srivastava	223	Girish	148	Gulshan Rai Gulati	171
Gajraj Singh	196	Girish Asthana	82	Gyan Chandra Agarwal	400



NAME	Sno	NAME	Sno	NAME	Sno
Garima Dipti	752	Garish Chandra	624	Gyan Prakash	314
Gyanendra Sharan	703	H C Gulati	102	H K Mittal	55
H K Srivastava	83	Harish Chandra	401	Hem Chand Jain	464
H N Bhargava	149	Harish Chandra Srivastava	315	Hemant Katiyar	488
H S Raizada	56	Harish Gurnani	365	Hemant Nanda	743
Hari Prasad	257	Harsh Vardhan Pande	150	I R Arora	103
J B Agarwal	225	Jagdish Prasad	59	Jayant Gupta	744
J K Srivastava	508	Jagdish Prasad Gupta	7	Jayant Verma	489
J N Bhargava	151	Jagmohan Lal	3	Jeetesh Srivastava	734
J N Rastogi	197	Jai Prakash Gupta	258	Jitendra Kumar Agarwal	404
J S Rawat	342	Jai Shankar Misra	402	Jitendra Kumar Jain	286
Jag Mohan Lal Vaish	57	Jamal Masood	104	Jitendra Singh	625
Jagbir Singh (Prof.)	509	Jaspal Singh Dhillon	510	Jitendra Yadav	753
Jagdish Mohan	58	Javed Ahamad Ansari	403	Jyoti Bhaskar Kero	745
K C Singh	602	K P Singh	37	Keshav Goel (Lt Col)	174
K K Agarwal	259	K R Krishnani	226	Kiran Shankar Dixit	511
K K Asthana	552	K S Sharma	152	Kirti Nandan	38
K K Dixit	172	K. C. Sah	465	Kishore Vaibhav	746
K K Govila	105	K.K.Agarwal	343	Komal Prasad Varshney	60
K K Gupta	198	Kailash Kumar Gupta	704	Kripa Shanker Mani Tripathi	287
K K Jaiswal	569	Kailash Nath Arya	571	Krishna Deo Prasad Khare	61
K K Maurya	386	Kali Shanker	405	Krishna Kant	762
K K Singh	669	Kamal Kumar Saxena	490	Krishna Kishore Srivastava	62
K M Rao	570	Kamesh Srivastava	260	Krishna kumar	261
K N Gupta	4	Kapil Deo	572	Krishna Kumar Singh	603
K N Mishra	756	Kaptan Singh	173	Krishna Murari	227
K N Sinha	387	Karunesh Kumar Dubey	428	Kshamta Sinha	344
Kumar Keshav	527	L P Bharadwaj	84	Lal Chand	288
Lav Sapru (Lt Col Retd)	345	Laxmi Chand	63	Laxmi Narain Khanna	512
LilaDhar Singh Yadav	689	M A Siddiqi	162	M Ajazul Haq	757
M B Jauhari (Col.)	406	Mahabir Prasad	134	Manoj Wasan (Capt.)	695
M C Vaish	199	Mahabir Prasad	177	Markandey Singh	64
M K Chaturvedi	163	Mahesh Kumar Gupta	289	Meena Agarwal	606
M K Santoshi	604	Malay Garg	605	Meenakshi Gupta	627
M L Gupta	106	Maneesh Verma	721	Meenu Srivastava	445
M M Chandola	175	Mangal Yadav	491	Mohan Lal Goel	201
M M Garg	366	Manju Shankar	553	Mohan Lal Gupta	347



NAME	Sno	NAME	Sno	NAME	Sno
M M Saran	626	Manjula Garg (Mrs)	229	Mohd Aslam	446
M P Verma	228	Manoj Gupta	708	Mohd R Warsi	682
Madan Lal	200	Manoj Kumar Agrawal	662	Mohd Zafar Iqbal	683
Madhavendra Prasad	107	Manoj Kumar Gupta	735	Mrs Indra Gupta w/o Lt. D K Gupta	65
Madhev Bhattachari	176	Manoj Kumar Shukla	164	Mukesh Agrawal	651
Madhu Chandra Jain	346	Manoj Kumar Yadav	573	Mukul Gupta	492
Madhuri Sachan (Mrs.)	528	Manoj Shanker	574	Munish Chandra Saxena	178
Murari Lal Gupta	29	N C Bhargava	66	N K Dwivedi	2
N K Kanodia	290	Narayan Kishore Srivastava	316	Neera Garg (Mrs) W/o Lt Sri R P Garg	231
N K S Bisht	466	Narendra Kumar	348	Neeraj Kr Gupta	493
N K Saxena	575	Narendra Kumar	724	Neeraj Negi	494
N N Aggarwal	165	Narendra Kumar Mittal	108	Niaz Ahmed Siddiqui	368
N N Sinha	230	Narendra Kumar Rastogi	367	Nilamber Malviya	232
N S Saxena	16	Naresh Chandra Rastogi	109	Nipun Pandey	765
Naina Devi	39	Naveen Agarwal	747	Niranjan Dayal Gupta	110
Namrata Kalra	576	Naveen Kumar	577	Niranjan Singh	233
Nishit Kr Chauhan	578	Nitin Mittal	628	O P Mishra	607
Om Dutt Sharma	317	Om Prakash	388	Om Vir Singh	369
Om Prakash	349	Om Prakash Gurnani	429	Omkar Nath Saxena	17
Onkar Dixit	629	P C Gupta	40	P C Rastogi (Col)	179
P C Srivastava	234	Prabhansh Yadav	709	Pramesh Gupta	529
P D Gupta	67	Prabhash Chander Saxena	318	Pramod Kumar Agrawal	579
P K Srivastava	447	Prabhat Chandra Sinha	68	Pramod Lal	430
P S Mishra	202	Prabhat Khare	554	Pranay Kaushiva	468
Pankaj Johri	696	Prabhat Kumar Jain	235	Pratap Bhan	448
Pankaj Singh	725	Prabir Bannerjee	467	Praveen Kumar	580
Pankaj Srivastava	641	Prabodh Kumar Panday (Dr. Prof.)	85	Praveen Kumar Jain	319
Parmesh Kumar	774	Pradeep Kr Singh	726	Pravin Pradhan	431
Pavas Yadav	760	Pradeep Kumar Saxena	608	Pravin Singh	320
Pawan Verma	670	Pradeep Kumar Varshney	407	Punit Srivastava	671
Phanish Kumar Sinha	262	Pradeep Singh	180	Purnendu Misra	370
Piyush Srivastava	652	Prakash Chandra	181	Pushkal Mishra	203
Pushkar Srivastava	408	Qazi Miraj Ahmad	663	R C Asthana	204
R C Mathur	111	Raj Kumar Singh	653	Rakesh Kumar Agarwal	515
R C Srivastava	86	Rajan Mittal	531	Rakesh Kumar Gupta	716
R D Gupta	205	Rajat Ray Bhatnagar	654	Rakesh Mohan	293
R K Agarwal	135	Rajdeep Johari	470	Rakesh Nigam	372



NAME	Sno	NAME	Sno	NAME	Sno
R K Goyal	112	Rajeev Chandel	690	Rakesh Saxena	410
R K Khanna	236	Rajeev Hajela (Lt Col)	322	Rakesh Saxena	611
R K Pandey	136	Rajeev Jain	532	Ram Bhawan Ram	736
R K Pathak	182	Rajeev Mohan	630	Ram Iqbal Singh	9
R K Saxena	69	Rajeev Verma	643	Ram Kumar Goyal	153
R K Sharma	513	Rajendra Agarwal	533	Ram Kumar Mathur	26
R N Garg	5	Rajendra Kumar Dwivedi	238	Ram Naresh Srivastava	665
R N Goil	18	Rajendra Kumar Shakya	239	Ram Niwas Chaudhary	267
R N Mehrotra	113	Rajendra Nath Mathur	114	Ram Saran Verma	472
R N Sachan	87	Rajendra Prakash Agarwal	41	Ram Vinay Kumar Rakesh	516
R N Srivastava	263	Rajesh Agarwal	664	Ramakant Pandey	373
R N Varma	19	Rajesh Agrawal	705	Ramayan Prakash	556
R P Gupta	88	Rajesh Chand Srivastava	371	Ramesh Chandra Bhardwaj	433
R P Gupta	291	Rajesh Kr Sharma	495	Ramesh Chandra Shukla	536
R P Gupta	321	Rajesh Kumar Agarwal	450	Rameshwar Dayal Agarwal	14
R P Katiyar	183	Rajesh Mohan Srivastava	672	Rameshwar Lal	138
R P S Chauhan	514	Rajesh Tewari	684	Ranbir Singh (Prof.)	21
R P Singh	237	Rajeshwar	409	Ranjeet Sen Gupta	584
R S Agarwal	137	Rajiv Goyal	389	Ravi Prakash Gupta (Dr)	240
R. K. Singh	642	Rajiv Krishna	673	Ravi Prakash Pandey	631
R. P. Singhal	20	Rajiv Kumar Agarwal	496	Ravi Prakash Saxena	645
R.K. Saxena	449	Rajiv Kumar Singh	644	Ravinder Singh Bedi	241
R.K.Yadav	609	Rajiv Singh	610	Ravindra Bora	557
R.P.Singh	530	Rajiva Rastogi	323	Ravindra Kakkar	374
Radha Krishna	264	Rajpal Singh	471	Ravindra Kr Goel	154
Radhey Mohan	265	Rajpal Singh	534	Ravindra Kumar	27
Radhey Mohan	469	Rajul Bhatnagar	266	Ravindra Kumar	70
Radhey Shyam	581	Rakesh Chandra	691	Ravindra Nath Bhatnagar	115
Raghubir Narayan Chaturvedi	206	Rakesh Garg	432	Ravindra Prakash Vaish	706
Rahul Jadon	772	Rakesh Garg	555	Ravindra Srivastava	294
Rahul Narain	748	Rakesh K Agarwal	583	Rekha Pant	295
Rahul Srivastava	582	Rakesh Kr Bansal	535	Rina Agrawal	517
Raj Kishore Vaish	292	Rakesh Kumar	692	Rishi Gangwar	727
Raj Kumar	8	Rakesh Kumar	712	Rohit Manglik	646
S B Singh	324	Sanjay Jain	587	Shyam Kumar Garg	614
S B Srivastava	242	Sanjay K. Goel	537	Shyam Lal	248
S C Ahuja	325	Sanjay Khanduja	717	Shyam Sundar Taneja	210



NAME	Sno	NAME	Sno	NAME	Sno
S C Chawla	116	Sanjay Sinha	588	Smt Asha w/o Lt. J S Bhatnagar	31
S C Dixit	1	Sanjeev Shukla	635	Smt Sushila W/o Lt Sri Madan Mohan	22
S C Kulshresth	117	Santosh Kumar	589	Som Nath Mishra	666
S C Misra	243	Santosh Pant	411	SS Gupta	722
S C Sinha	10	Sarfraj Ahmad	375	Subhash Chandra Misra	350
S C Trehan	207	Satendra Kumar	328	Subodh Kumar	453
S D Gupta	71	Satish Chandra Gupta	186	Suchi Kalra	559
S H H Naqui	184	Satish Kumar	187	Sudhanshu Krishna Dubey	667
S J Yadav	632	Satish Kumar	412	Sudhanshu Mani	414
S K Agrawal	244	Satish Kumar Pandey	636	Sudhir Chandra Khanna	249
S K Gupta	139	Satish Mehrotra	43	Sudhir Chandra Khare	351
S K Jalan	326	Satish Narain Agarwal	155	Sudhir Singh	728
S K Raizada	296	Satish Singh Kero	738	Sudhir Singh Rana	740
S M Bhargava	11	Satya Pal Singh	763	Sugandha Agrawal	718
S M Dayal	72	Satya Prakash Saxena	498	Sujeet Kumar Sen	166
S M Taneja	245	Satya Prakash Sharma	297	Sul Khan Singh	475
S N Dubey	185	Satya Prakash Sharma	499	Sulochana Jain W/o A K Jain	250
S N Thakur	434	Satya Prakash Srivastava	208	Sumer Agarwal	269
S P Bhatnagar	585	Satyendra Kumar srivastava	518	Suneel Prakash	754
S P Goyal	12	Satyendra Nath Misra	156	Suneet Kr Pathak	299
S P S Chhonkar	118	Saurabh	436	Sunil Mohan Agarwal	454
S P Saxena	119	Saurabh Chandra	758	Sunil Gupta	590
S P Sharma	120	Savita Agarwal	376	Sunil K. Gupta	538
S P Shukla	497	Sevaram Tyagi	141	Sunil Kumar Agarwal	539
S P VERMA	121	Sewa Ram Agarwal (Prof.)	246	Sunil Kumar Gupta	519
S R Goel	30	Shailendra Kumar	377	Sunil Parihar	415
S R Prasad (Col)	140	Shailendra Kumar	474	Sunit Jain	438
S R Singh (Dr.)	435	Shailendra Kumar	612	Suraj Pal Singh	656
S S Mishra	6	Shailendra Kumar Upadhyaya	329	Surendra Kr Mehrotra	211
S Sharma	327	Shankar Lal	613	Surendra Kumar Sharma	352
S V Pande	42	Sharad C Rastogi	122	Surendra Pratap Singh	300
S.P.Sharma	473	Sharad Chandra Soti	188	Surendra Srivastava	74
Sachchinand Pandey	586	Sharwan Kumar	268	Suresh C Rastogi	157
Sahdev Singh	558	Shatanshu Agarwal	413	Suresh Chandra Bhatnagar	89
Salek Chand	451	Sheo Narain Agarwal	123	Suresh Chandra Giri	158
Sameeer Sen	737	Shilpi Srivastava	739	Suresh Chandra Sangal	301
Sanchit Srivastav	766	Shiv Kumar Dube	209	Suresh Kumar Gautam	729



NAME	Sno	NAME	Sno	NAME	Sno
Sandeep Agarwal	452	Shiv Narayan Agarwal	330	Suresh Kumar Sapra	675
Sandeep Gupta	633	Shiv Prasad	637	Suresh Narain	189
Sandeep Jindal	674	Shiva Kant Verma	247	Suresh Pal Singh	416
Sandeep Khare	697	Shravan Kumar	73	Sushil Gupta	759
Sandeep Sharma	655	Shree Prakash Shukla	437	Sushil Kumar	353
Sanjay Gupta	634	Shubh Narain Singh	298	Sushil Kumar	657
Sushil Kumar	676	Sushma Mishra (Dr.)	540	T P Khare	212
T P Verma	190	Triloki Nath Mehrotra	270	U C Bhargawa	142
U S Pandey	90	Umanath (Mrs)	251	Usha Birjee	354
Uma Kant	520	Updesh Narain Srivastava	124	Uttam Kumar Gahlaut	541
V B Singh	378	Vijai Pravin Chandra Saxena	455	Vinod Bal Sharma	126
V B Singh	560	Vijay Kr Mohalla	333	Vinod Dhawan	192
V K Kathuria	331	Vijay Kumar	500	Vinod Kumar Ahuja	456
V K Khare (Major)	91	Vijay Kumar Saluja	159	Vinod Kumar Bansal	392
V K Mishra	92	Vijay Kumar Saxena	144	Vinod Kumar Sahni	167
V K Pandey	698	Vijay S Sood	32	Vinod Kumar Singh	723
V K Shrotiya	125	Vijay Saraswat	592	Vinod Prakash Gupta	355
V K Srivastava	417	Vijay Sharma	615	Vipin Kumar Singh Gaur	595
V P Khanna	44	Vikram Jung Bahadur Singh	380	Virendra Kumar	127
V P Trivedi	379	Vimal Kumar Yadav	685	Virendra Kr Verma	381
V P Varma	191	Vinay Krishna	94	Virendra Kumar	271
V P Verma	439	Vinay Krishna Ojha	658	Virendra Kumar	543
V P Yadav	591	Vinay Kumar Agarwal	647	Virendra Pal Gupta	128
V S Kushwaha	699	Vinay Kumar Garg	391	Virendra Prakash	75
V.K.Gupta (Col.)	252	Vinay Kumar Rathi	501	Viresh Chandra Mittal	382
Vandana Patel	773	Vinay Kumar Saxena	730	Viresh Kumar	303
Vasudha Kumar	390	Vinay Kumar Tandon	616	Vishal Agarwal	686
Ved Prakash Gupta	332	Vinay Prakash	542	Vishnu Kumar Verma	272
Ved Prakash Ojha	93	Vinay Prakash Srivastava	593	Vishwa Deepak	521
Ved Prakash Verma	713	Vinay Saran	418	Vishwa Nath Mishra	273
Viabhav Kullshrestha	770	Vineet Kumar	594	Vishwamitra Bhargava	76
Vidya Bhasker Dubey	302	Vineet Yadav	741	Vivek Agarwal	668
Vidya Sagar Singh	143	Vinod Asthana	617	Vivek Karmakar	749
w/o Ghandshyamdas Gupta	77	W/O Lavania	24	Y K Gupta	522
Y P Singh	129	Yogendra Nath Srivastava	130	Yogeshwar Dayal Mathur	131
Yashesh Vyas	693	Yogesh Kumar Mathur	33	Zaid Khan	755

**Directory (Batch Wise)**

(LM indicates Life Membership)

BATCH	NAME	Branch/Deptt	Mobile	EMAIL	Ph	LM	S.No.
1944	S C Dixit	Civil/PWD	9415102467	rdmd1978@hotmail.com	2391655		1
1946	N K Dwivedi	Civil/Irrigation	9415108952		2789270		2
1948	Jagmohan Lal	Civil/PWD	9452782787	rajivg53@gmail.com	2342610		3
1948	K N Gupta		7388553797		2342960		4
1949	R N Garg	UPSEB	9415287054				5
1949	S S Mishra	UPSEB	9451250383	uma_pandariba@hotmail.com	4068748		6
1950	Jagdish Prasad Gupta	Irrigation	9451407969				7
1950	Raj Kumar	Civil/Jal Nigam	9839429297	rajkumar.iitr1950@gmail.com	2628468	LM	8
1950	Ram Iqbal Singh	Irrigation	9335211418	risingh28@rediffmail.com	4003927		9
1950	S C Sinha	Irrigation	9935009032	satishchandrasinha29@gmail.com	2385067		10
1950	S P Goyal	PWD	9598168588		2328038		11
1953	Dharam Vir	Civil/PWD	9335910926	jain.dharmvir@gmail.com			12
1953	Rameshwar Dayal Agarwal	Electrical/UPSEB	9415077777	rdanetworth@gmail.com	2757877		13
1955	A P Garg	Civil/PWD	x		2213044		14
1955	N S Saxena	Civil/PWD	9450644558				15
1955	Omkar Nath Saxena	Electrical/UPSEB	9415753441	ajtkrsaxena06@gmail.com	2712047		16
1955	R N Goil	Civil/Railways	9450139280	rngoil@yahoo.com	2325879		17
1955	R N Varma	Civil/Railways	9452782791	ravimukul21@gmail.com	2310243		18
1955	R. P. Singhal	Electrical/GOI	9811671671	rajpsinghal@yahoo.com		LM	19
1955	Ranbir Singh (Prof.)	Civil/IT BHU	9450394877				20
1955	Smt Sushila W/o Lt Sri Madan Moha		9450411600		2358422		21
1956	Baleswar Das	Civil/Irrigation	9369336441	amitgarg@iima.ac.in			22
1956	W/O Lavania	Civil/Irrigation	9415088467				23
1957	Avdesh Kumar Mathur	PWD	9389704305	akm1934@gmail.com	2419074		24
1957	Ram Kumar Mathur	Civil/Irrigation	9415469782 9956733694	rkmathur35@yahoo.co.in	2344501		25
1957	Ravindra Kumar	Civil/PWD	9336495990 9810067200	rks1935@yahoo.com	2287490		26
1958	A C Sharma	Electrical/Railways	9936411222	abhaychandra14@gmail.com	2349577		27
1958	Murari Lal Gupta	Civil/Railways	9793043332	marcmkg@yahoo.com	2320481		28
1958	S R Goel	Civil/Railways	9415429037				29
1958	Smt Asha w/o Lt. J S Bhatnagar	Civil/Irrigation	9415545511	ashanisarg@gmail.com	2393348		30
1958	Vijay S Sood	Civil/PWD	7505751711 9415064165	vssood50@rediffmail.com	4009892		31
1958	Yogesh Kumar Mathur	Civil/Irrigation	9415196030	deepali.mathur.865@gmail.com	2351382		32
1959	Brij Mohan Gupta	Civil/MES	9450909858	bmgkko@gmail.com	2238758		33
1959	Brijendra Prasad	Civil/Railways	9305642180 9140885574	brijendrameera@gmail.com			34
1959	C. P. Rastogi	Mechanical/Business	9453013159		2261683		35
1959	K P Singh	Civil/Railways	9415563006	singhkp08@gmail.com			36
1959	Kirti Nandan	Civil/PWD	8933933125				37
1959	Naina Devi		9451383493				38



BATCH	NAME	Branch/Deptt	Mobile	EMAIL	Ph	LM	S.No.
1959	P C Gupta	Mechanical/Scooters India	9415010715				39
1959	Rajendra Prakash Agarwal	Electrical/UPSEB	9415467455		2391214		40
1959	S V Pande	Mechanical/Tata	9451176270	shankerpande@yahoo.co.uk	2788519		41
1959	Satish Mehrotra	Civil/Irrigation	9956135770		226220		42
1959	V P Khanna	UPSEB	x				43
1960	Arun Kumar Vashistha	UPSEB	9415080003	shobha_arun06@yahoo.com	4064325		44
1960	Ashok Kumar Mishra	Railways	9935866764	misraak27k@yahoo.co.in	2321101		45
1960	Avatar Singh	Irrigation	x		2342989		46
1960	B D Pandey	Electrical/UPSEB	9984388880	bdpandey@gmail.com			47
1960	B K Sinha	Irrigation	x		2379568		48
1960	B K Srivastava	Civil/Irrigation	9838754091	bksri1610@gmail.com			49
1960	B M L Srivastava	Electrical/UPSEB	8808412035		233032		50
1960	B S Dayal	NSCL	7499267173		2356190		51
1960	C P Mahal Wala	Telecom	9335817070	cpmahalwala@gmail.com	2625518		52
1960	D K Sarkar	Jal Nigam	9839034357	dilipk_sarkar@yahoo.co.in			53
1960	H K Mittal	Irrigation	9838631181		2423312		54
1960	H S Raizada	PWD	9956877000				55
1960	Jag Mohan Lal Vaish	Electrical/UPSEB	7985320617 9415425327	subodhjagmohan@gmail.com	2458791		56
1960	Jagdish Mohan	Irrigation	9415025250	themohanshouse@hotmail.com	2398233 2397147		57
1960	Jagdish Prasad		x		2343192		58
1960	Komal Prasad Varshney	Civil/PWD	9415736256				59
1960	Krishna Deo Prasad Khare	Electrical/UPSEB	7408763572 9839692179	kdpkhare@gmail.com			60
1960	Krishna Kishore Srivastava	Civil/Irrigation	9415005943				61
1960	Laxmi Chand	Business	9839992083	laxmi_chand@hotmail.com			62
1960	Markandey Singh	UPSEB	9838550296 9450645421	shreeneth@gmail.com			63
1960	Mrs Indra Gupta w/o Lt. D K Gupta	Irrigation	9453013856	rupali8888@gmail.com			64
1960	N C Bhargava	PWD	9415104670		2345991		65
1960	P D Gupta	PWD	8948819555				66
1960	Prabhat Chandra Sinha	Irrigation	9919741740	pcsinha1139@gmail.com	2355484		67
1960	R K Saxena	UPSEB	9415103378 9454532988			LM	68
1960	Ravindra Kumar	Civil/PWD	9415028795	ravindra964@yahoo.com	4041360	LM	69
1960	S D Gupta	PWD	9696231644				70
1960	S M Dayal	UPSEB	x				71
1960	Shravan Kumar	PWD	9559619662 8542041415	sharwankumar36@gmail.com			72
1960	Surendra Srivastava	Electrical/UPSEB	9415545504	surendralily0110@gmail.com			73
1960	Virendra Prakash	UPSEB	9452824514				74
1960	Vishwamitra Bhargava	Civil/Business	9839062552	vishu_deepa@yahoo.co.in			75
1960	w/o Ghandshyamdas Gupta						76



BATCH	NAME	Branch/Deptt	Mobile	EMAIL	Ph	LM	S.No.
1961	Arjun Dass	Irrigation	9415385905	pratimakrishna@yahoo.com	2364027 2227102		77
1961	B L Agarwal	Irrigation	9335018761				78
1961	B S Mathur	Civil/Jal Nigam	9651992978 9899120488	pratimakrishna@gmail.com	2340016		79
1961	Brij Mohan Mittal	PWD	9335907618	gursahaneymeera@gmail.com			80
1961	Girish Asthana	Irrigation	x				81
1961	H K Srivastava	Irrigation	9450900185				82
1961	L P Bharadwaj	Irrigation	9450456140		2353778		83
1961	Prabodh Kumar Panday (Dr. Prof.)	Mechanical	9335156389	prabodhpanday@yahoo.com	2756872	LM	84
1961	R C Srivastava	Irrigation	9415018383	meeraram4646@gmail.com	2455281		85
1961	R N Sachan	Civil/Railways	9415520946 7007621983	rnsachan@yahoo.com	4070989		86
1961	R P Gupta	Civil/Irrigation	9415013289				87
1961	Suresh Chandra Bhatnagar	UPSEB	9935454674		2350228		88
1961	U S Pandey	Civil/Railways	9451993170	usplko@yahoo.co.in			89
1961	V K Khare (Major)	Electrical/Army	9956296166 9956296167	kharevijaya@yahoo.co.in			90
1961	V K Mishra	UPSEB	9335928007	mvk1938@gmail.com	2437304		91
1961	Ved Prakash Ojha	Railways	9919972434		2302939		92
1961	Vinay Krishna	Irrigation	9415017897	pratimakrishna@yahoo.com			93
1962	A N Tiwari	PWD	9415516739		2398752		94
1962	Ajay Prakash	Civil/Irrigation	9389521526	oprakash7@yahoo.com			95
1962	Arun Kr Pachouri	Architecture/Architect	8174047777		2343859		96
1962	Ashok Kumar Sharma	Electrical/PWD	9451247389	aksharma_lko@yahoo.co.in	2340678		97
1962	B B Singh	UPSEB	9415178825	singhbrij40@gmail.com	2355338		98
1962	Brij Mohan Lal	/PWD	9450456164 9454615146	nanditakshl28@gmail.com	2310232		99
1962	D C Varshney	/UPSEB	9415913943	agsonu73@gmail.com	2362067		100
1962	H C Gulati	/DOT	9452092600		2745510		101
1962	I R Arora	/UPSEB	9839010134	arorair@yahoo.com	4028418		102
1962	Jamal Masood	Electrical/UPSEB	9415089691	jaymasood@yahoo.com	4028104	LM	103
1962	K K Govila	M.E.(PH)/Jal Nigam	9335902656	kk_satyam2000@yahoo.co.in	3298932		104
1962	M L Gupta	Mechanical/Ligthing Industries	9839135794	guptaml51@yahoo.co.in	4009338 2746026		105
1962	Madhavendra Prasad	Mechanical/Consultant	9335631307	madhpras@hotmail.com	2398290		106
1962	Narendra Kumar Mittal	Civil/PWD	9415089151		2746862		107
1962	Naresh Chandra Rastogi	Electrical/UPSEB	9452098060	ncrastogi2005@yahoo.co.in	4960626		108
1962	Niranjan Dayal Gupta	Electrical/UPSEB	8604639240	guptaasha231@gmail.com	4960626		109
1962	R C Mathur	Irrigation	9452831079	mathur.ramchandra@gmail.com			110
1962	R K Goyal	PWD	9415409494	rggoyal1244@gmail.com	2423093		111
1962	R N Mehrotra	UPRNN	9935322119	ramnathmehrotra39@gmail.com	2345569 4048506		112



BATCH	NAME	Branch/Deptt	Mobile	EMAIL	Ph	LM	S.No.
1962	Rajendra Nath Mathur	UPSEB	9616280270				113
1962	Ravindra Nath Bhatnagar	Civil/PWD	9839018903	sadhvi4045@gmail.com			114
1962	S C Chawla	Electrical/UPSEB	9450401574	subhashsukh@rediffmail.com	2324037 4115312		115
1962	S C Kulshresth	Irrigation	9335062064		2423369		116
1962	S P S Chhonkar	Irrigation	9451308359	spschhonkar@gmail.com			117
1962	S P Saxena	Irrigation	9451905272 7376944220				118
1962	S P Sharma	Civil/Irrigation	9415764457	spsharma67@yahoo.com	2310716		119
1962	S P VERMA	Irrigation	9450393295		2355076		120
1962	Sharad C Rastogi	UPSEB	9415003305	cpbc2001@gmail.com	4070465		121
1962	Sheo Narain Agarwal	UPPCL	9839022390	agarwalnsn@rediffmail.com	2326000 4102040	LM	122
1962	Updesh Narain Srivastava	Civil/DOT	9415023088	updeshn@hotmail.com	2308800	LM	123
1962	V K Shrotriya	PWD	9839013069	shrotriya3@gmail.com	2763660		124
1962	Vinod Bal Sharma	Electrical/Siemens	9335290820	vbsharma.44@gmail.com	2624492		125
1962	Virendra Kumar	Civil/Irrigation	9415500608	kumar.v1942@gmail.com			126
1962	Virendra Pal Gupta	Irrigation	9415010553	vpgupta42@yahoo.com	2393466		127
1962	Y P Singh	Irrigation	9454503671		2788311		128
1962	Yogendra Nath Srivastava	Civil/Irrigation	9935512340	ynsrivastava@gmail.com	2395906	LM	129
1962	Yogeshwar Dayal Mathur	Civil/UNICEF	9839020349	iaesphlucknow@yahoo.com	2236169	LM	130
1963	G C Agarwal	Electrical/UPSEB	9335910309	gcagarwal@hotmail.com	2422169		131
1963	Gokarn Singh	Civil/PWD	9839025471	singhgokarn@hotmail.com	2745542		132
1963	Mahabir Prasad	Civil/UPID	9838589518 9935625265	mpsachan455@gmail.com	4002362		133
1963	R K Agarwal	Civil/PWD	9956208535	ramendra1940@gmail.com	4047156		134
1963	R K Pandey	Civil/Irrigation	9450465243		2421147		135
1963	R S Agarwal	Civil/PWD	9648786616		2329599		136
1963	Rameshwar Lal	Civil/Irrigation	9236166911	rameshwarlalarora@gmail.com	2692901		137
1963	S K Gupta	Civil/Irrigation	8953761780	vivekgupta2000@gmail.com	2350351		138
1963	S R Prasad (Col)	Civil/Army	9839811964	satranjan@hotmail.com		LM	139
1963	Sevaram Tyagi	Mechanical/UP Corp.	9412848218 9452158057	srtyagi1941@gmail.com			140
1963	U C Bhargawa	Electrical/Business	9236091313		2624616 2623407		141
1963	Vidya Sagar Singh	Civil/	6394844512				142
1963	Vijay Kumar Saxena	PWD	9454756178		2342775		143
1964	Adarsh Kumar	Architecture/PWD	8874206262	manju.adarsh@gmail.com	2446130	LM	144
1964	Ashok Kumar Yog	Civil/Railways	9335726723				145
1964	B N Agarwal	Irrigation	9335710249	shivam.pau@gmail.com	2348940		146
1964	Girish	Electrical/UPSEB	9839019080	girish43@gmail.com	4130411	LM	147
1964	H N Bhargava	UPSEB	9415114716 9305607027		4041767		148



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1964	Harsh Vardhan Pande		9936401162	harshpande1@gmail.com			149
1964	J N Bhargava	UPSEB	9415177144	jinb_2009@yahoo.co.in	2236184		150
1964	K S Sharma	Electrical/UPSEB	9935058618	sharma189@rediffmail.com			151
1964	Ram Kumar Goyal	Electrical/UPSEB	9452294570		2353082		152
1964	Ravindra Kr Goel		x				153
1964	Satish Narain Agarwal	UPSEB	9044317322				154
1964	Satyendra Nath Misra	Electrical/UPPCL	9335928616	satyendramisra1943@gmail.com			155
1964	Suresh C Rastogi	Civil/UPSEB	9415069945		2715343	LM	156
1964	Suresh Chandra Giri	Civil/Irrigation	9335814627	scgiri_43@yahoo.com	2353395	LM	157
1964	Vijay Kumar Saluja	Electrical/UPPCL	9621039123	vksaluja@gmail.com	4072836		158
1965	Avinash Chandra	Civil/Jal Nigam	8127721835			LM	159
1965	D N Bhargawa	Civil/Jal Nigam	9415104020	bhargavadn@yahoo.com	2330441		160
1965	M A Siddiqi	PG(WRDTC)/Irrigation	9839080760	ma.siddiqi@jalindia.co.in	4241785		161
1965	M K Chaturvedi	Civil/Jal Nigam	9935833217	mkc1945@gmail.com	4041766		162
1965	Manoj Kumar Shukla	RDSO	9450356670	mksukla42@gmail.com	2330072		163
1965	N N Aggarwal	Civil/Jal Nigam	9935159804	agarwalranjana25@gmail.com			164
1965	Sujeet Kumar Sen	Civil/PWD	9628176321		2789995		165
1965	Vinod Kumar Sahni	Civil/PWD	9415028059	vinodkumarsahni@hotmail.com	2327958		166
1966	B M Agrawal	Irrigation	9415017320	bmagrawal44@gmail.com	2327019		167
1966	Deo Pal	Irrigation	9565149865 9565149865	deopalvarshney@gmail.com			168
1966	Dr. D.S. Bhargav	Civil/Professor	9412074331				169
1966	Gulshan Rai Gulati	Eveready	9415575521	gulati_gulshan@rediffmail.com	2419459		170
1966	K K Dixit	Architecture/Amity	9621777445	kkdixit111@gmail.com			171
1966	Kaptan Singh	Mechanical/Irrigation	9415005885	kaptansushi@yahoo.com			172
1966	Keshav Goel (Lt Col)	Civil/MES	9161080777	colonelkeshavgoel@gmail.com	2480908		173
1966	M M Chandola	UPRNN	x				174
1966	Madhev Bhattachari	Mechanical/	9411501130		2446434		175
1966	Mahabir Prasad	Jal Nigam	9450658122		2353922		176
1966	Munish Chandra Saxena	Architecture/PWD	9415002837	chandramunish@yahoo.com	4004767		177
1966	P C Rastogi (Col)	Army	9415419538	pcrastogi05@hotmail.com	2301353		178
1966	Pradeep Singh	Civil/MES	8127090058	pradeepsingangwar1945@gmail.com			179
1966	Prakash Chandra	UPSEB	x				180
1966	R K Pathak	Irrigation	9451177603				181
1966	R P Katiyar	Irrigation	8009977708				182
1966	S H H Naqui	BBDU	9389066266				183
1966	S N Dubey	Irrigation	x				184
1966	Satish Chandra Gupta	Civil/Railways	9450540781	satish240811@gmail.com	4000681		185
1966	Satish Kumar	UPPCL	9839293167	ratsa.deep@gmail.com	2716275		186
1966	Sharad Chandra Soti	Civil/MES	9415107248	scsoti@yahoo.com	2327556		187
1966	Suresh Narain	PWD	x				188



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1966	T P Verma	Civil/Jal Nigam	9415107238	tpvarma@gmail.com	7523835 809		189
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1966	Vinod Dhawan	Architecture/Architect	9839022884	dhaonassociates007@gmail.com	2208527 2273890		191
1967	Anand Sagar	Civil/PWD	9415005439	anandsagar2106@yahoo.co.in	2351916		192
1967	Bhupendra Kumar	Mechanical/UPPCL	7080384521 9415135155	bhupfamily@rediffmail.com			193
1967	D N Agarwal	Irrigation	9335237900	devaki_1946@yahoo.co.in	4069332		194
1967	Gajraj Singh	Mechanical/UPRVUNL	9415106672	gajraj_singh.usha_lko@yahoo.co.in		LM	195
1967	J N Rastogi	Civil/MES	9450001239 9044405775	jneel99@yahoo.com		LM	196
1967	K K Gupta	Metallurgy/IITR	9415066994	kkpgp@yahoo.com	2394430		197
1967	M C Vaish	Irrigation	9415086012	maheshlucknawi@rediffmail.com	2329957		198
1967	Madan Lal	Electrical/UPPCL	9307806978	aakritiabhishek@gmail.com			199
1967	Mohan Lal Goel	Civil/PWD	9335229559	mmgoel2003@yahoo.com	4009088		200
1967	P S Mishra		9473727049 9412158645	misraprabhu1@gmail.com			201
1967	Pushkal Mishra	UPSEB	9935688688	manjum75@yahoo.com			202
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1967	Raghubir Narayan Chaturvedi	Civil/Irrigation	9415108135	raghubir17@gmail.com	2308101		205
1967	S C Trehan	Civil/Irrigation	9935641967	subhashctrehan@gmail.com			206
1967	Satya Prakash Srivastava	Electrical/	9305890122	sameersrivastava1@gmail.com			207
1967	Shiv Kumar Dube	Civil/Irrigation	9453029105 9335904170	shivkdube@gmail.com			208
1967	Shyam Sundar Taneja		9415101930				209
1967	Surendra Kr Mehrotra	Mechanical/IMRT	9889199879	skm09081945@gmail.com	4066823		210
1967	T P Khare	PWD	9415059184	kharetp@gmail.com			211
1968	A K Jouhari (Dr.)	Mechanical/Amity	9919254034	ak_jouhari@yahoo.com			212
1968	B V Tripathi	Civil/PWD	9415419869	bvtiitr@rediffmail.com			213
1968	Bikkan Lal Agarwal	Irrigation	9415239279		2398804		214
1968	Brajesh Kumar Singh	Civil/Irrigation	9554038166 9455037166	bk00045@gmail.com			215
1968	C S Sharma	Mechanical/	9415750120	sharma.chandrashekhara13@gmail.com	2336131		216
1968	D C Samant	Civil/Irrigation	9415742062	dharm_samant@yahoo.com	2614142		217
1968	D P Pandey	Civil/PWD	9335911747 9415396137	dineshprakashpandey@gmail.com			218
1968	D R Singh	Civil/Jal Nigam	7499118213	drsingh64@gmail.com	2710713		219
1968	Deep Kumar Gupta (Dr.)	Civil/Amity	9415140857	deepkumargpt@gmail.com	2654479	LM	220
1968	Dharmendra Kumar Singh	Civil/Irrigation	9793837141				221
1968	G Nath Srivastava	Mechanical/	9415547502 7018112882				222
1968	Gautam Sanyal (Maj)	Civil/Army	9839198736	gautam.sanyal@gmail.com		LM	223



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1968	K R Krishnani	Electrical/UPSEB	9889098924	rohitkrishnani99@gmail.com	2423159		225
1968	Krishna Murari	Civil/PWD	9415159296				226
1968	M P Verma	Irrigation	9453020779	mpverma@gmail.com	2789366		227
1968	Manjula Garg (Mrs)		9335210754 9696276277				228
1968	N N Sinha		9415064088	nnsinha47@yahoo.com	4010296		229
1968	Neera Garg (Mrs) W/o Lt. Sri R P Garg	Metallurgy/Birla/Eicher	9468921318				230
1968	Nilamber Malviya	E & C/	8756332745				231
1968	Niranjan Singh	Civil/PWD	9415105144	niranjan.bagga@gmail.com	2716306	LM	232
1968	P C Srivastava	Civil/PWD	9415202344				233
1968	Prabhat Kumar Jain	Mechanical/Irrigation	9412547627 9140260924	pkjainj@rediffmail.com	4066264		234
1968	R K Khanna	Civil/Jal Nigam	9009719338	rkkhanna47@yahoo.co.in			235
1968	R P Singh	PWD	9452268362	rp1165@yahoo.co.in	2710872		236
1968	Rajendra Kumar Dwivedi	Mechanical/	9415323514 1915222950	rkdwivedi540@gmail.com			237
1968	Rajendra Kumar Shakya	Civil/Irrigation	9415084307	shakya1944@gmail.com	2439086 2308966		238
1968	Ravi Prakash Gupta (Dr)	Geology/	9412072894	rpgupta.iitr@gmail.com		LM	239
1968	Ravinder Singh Bedi	Civil/Irrigation	9793992784	rsbedi45@gmail.com	4008477		240
1968	S B Srivastava	Civil/	9462952960 9956734033	srivastavashyambihari123@gmail.com			241
1968	S C Misra	E & C/	9452461029	scmishra_2000@yahoo.co.in			242
1968	S K Agrawal		9450657983		2345403		243
1968	S M Taneja	Civil/Irrigation	9628613858	smtaneja1@rediffmail.com	2354635		244
1968	Sewa Ram Agarwal (Prof.)	Architecture/RRIMT	9415158502 8318336870	vastusewa@yahoo.com	2745361	LM	245
1968	Shiva Kant Verma	E & C/	9412022494	vermadrsk@gmail.com			246
1968	Shyam Lal	Irrigation	7235017354	shyamlalchauhan80@gmail.com	2720410		247
1968	Sudhir Chandra Khanna	Metallurgy/	9936239605 9936238604	sudhirshobhak@hotmail.com			248
1968	Sulochana Jain W/o A K Jain	Irrigation	9415003599				249
1968	Umanath (Mrs)		9628556181				250
1968	V.K.Gupta (Col.)	Electrical/Army	9450051649	vinod21kamal@gmail.com	4106852	LM	251
1969	A K Tandan	Electrical/UPSEB	9415014592 7510014592	tandonanil1946@yahoo.com			252
1969	Ajit Kumar Rastogi	Electrical/UPPCL	9415029133 9919501306	ajitrastogi02@gmail.com			253
1969	Ataullah Quraishi	Irrigation	9415101678	ataullah.1948@gmail.com	2351309		254
1969	Bhuwaneshar Singh		9935044672		2424414		255
1969	Hari Prasad	Civil/Irrigation	9452271744	hpmaheshwari@gmail.com	2421120		256
1969	Jai Prakash Gupta	Jal Nigam	9415185771				257
1969	K K Agarwal	Civil/Jal Nigam	9335916986 7007827007	teamleaderpmu@gmail.com		LM	258



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1969	Kamesh Srivastava	Jal Nigam	9335910273	kameshsri02@gmail.com	2629919		259
1969	Krishna kumar	Electrical/	9453023432				260
1969	Phanish Kumar Sinha	Civil/Irrigation	9415007002	phanishsinha@gmail.com	2300356		261
1969	R N Srivastava	Metallurgy/SAIL	9454720935	rns-48@hotmail.com			262
1969	Radha Krishna	Civil/PWD	9839416276	radha.krishan@hotmail.com	4071982	LM	263
1969	Radhey Mohan	Civil/	9450906641	radhey Mohan14@gmail.com	3253828		264
1969	Rajul Bhatnagar	Electrical/SBI	9839840134	bhatnagar.anjana@yahoo.com	2394632		265
1969	Ram Niwas Chaudhary	Civil/Jal Nigam	9721444292	chaudhary1946@gmail.com			266
1969	Sharwan Kumar	CDRI	8934841927	skmlucknow@yahoo.com			267
1969	Sumer Agarwal	Mechanical/Builder	9415025151	sumeraragwal@gmail.com	4102123 4000093	LM	268
1969	Triloki Nath Mehrotra	Mechanical/Sugar Mill & Distillery	9453935840	tnmehrotra@rediffmail.com	4017645		269
1969	Virendra Kumar	Civil/UPAVP	9369160530	virendrakumar_60@yahoo.in	2347305		270
1969	Vishnu Kumar Verma	Civil/Irrigation	9415410669	vkverma60@gmail.com	2422181		271
1969	Vishwa Nath Mishra	Civil/PWD	9415020686	vnml@rediffmail.com	4047117	LM	272
1970	A B Misra	Civil/Jal Nigam	9415197943	abmisra@gmail.com	4305919	LM	273
1970	Arun Kumar s/o Pratap Singh	Architecture/Architect	9415013645	ar_arunkumar@rediffmail.com			274
1970	Atul Kumar Awasthi	Metallurgy/	7376620602				275
1970	B M Mittal	Mechanical/UPPCL	8756104338 9415761621		2756453		276
1970	Binay Kumar Srivastava	Irrigation	9838070705	binai21@rediffmail.com			277
1970	Brijendra Nath	UPPCL	8299415261 7071297024		3269536	LM	278
1970	Chandra Pal Sen	Civil/Irrigation	9415063768	cpsenj79@rediffmail.com	3926317		279
1970	D C Saxena	/	9451087189	vedprakashrocks@gmail.com	2336637		280
1970	D K Singhal	Jal Nigam	9839317874 9140361091	dksinghal01@yahoo.co.in	4021697		281
1970	Dileep Kumar Mitra	Electrical/UPPCL	9415110147	dk23mitra@gmail.com	2768255		282
1970	Dushyant Kumar	Architecture/Architect	9415083458	dushyant_arch@yahoo.com	2450892		283
1970	G K Kapoor	UPPCL	9415918927	gkkap@rediffmail.com	2422315		284
1970	Jitendra Kumar Jain	Electrical/UPPCL	8385665792		2756205		285
1970	Kripa Shanker Mani Tripathi	Civil/Irrigation	9415101686	ksmtripathi@gmail.com	2393579		286
1970	Lal Chand	Mechanical/UPPCL	9453227088 9453227086	lclekhwani@yahoo.co.in	4074893		287
1970	Mahesh Kumar Gupta	Jal Nigam	9305485660				288
1970	N K Kanodia	Civil/PWD	9415111306	kanodiank@gmail.com	2301392	LM	289
1970	R P Gupta	/					290
1970	Raj Kishore Vaish	Electrical/UPPCL	9450577334	vrajkishore46@gmail.com			291
1970	Rakesh Mohan	/	9415663446	rakesh_mohan09@rediffmail.com			292
1970	Ravindra Srivastava	Mechanical/Merchant Navy	9415403320	ravindra.srivastava7@gmail.com		LM	293
1970	Rekha Pant	Architecture/Architect	x				294
1970	S K Raizada	Architecture/Architect	9839609582	shailsudha73@gmail.com	2452252		295



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1970	Satya Prakash Sharma	Mechanical/Irrigation	9415789242	spsharma01948@gmail.com			296
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1970	Suneet Kr Pathak	/	9935146575	suneetpathak@yahoo.co.in	2350696		298
1970	Surendra Pratap Singh	Mechanical/IAS Allied	8004930081	spsingh72@hotmail.com	2780081		299
1970	Suresh Chandra Sangal	Jal Nigam	9450644324	scsangal@rediffmail.com	9839182 085		300
1970	Vidya Bhasker Dubey	Civil/PWD	9415020785	v.dubey16@yahoo.com		LM	301
1970	Viresh Kumar	Architecture/UPAVP	9335204484	vireshkumar06@rediffmail.com			302
1971	A C Trivedi	Mechanical/Irrigation	9415171293	actrivedi1950@gmail.com	2745649		303
1971	Ajay Kumar Srivastava	Civil/PWD	9415157772	ajar.2318@gmail.com			304
1971	Anil Kumar	Electrical/UPPCL	9415422814	anuanil48@yahoo.com	4065440		305
1971	Anil Sharma	Electrical/PICUP	9335632710	harishanti323@gmail.com	4011119	LM	306
1971	Ashok Kumar Khare	Civil/Irrigation	8604611226 9839304188	khare_ashok123@yahoo.com			307
1971	Ashutosh Mittal	Architecture/Education	9935278552		2544282		308
1971	D S Sarawat	Civil/PWD	9415020687	dsarawat@yahoo.com			309
1971	Deepak Raj	Electrical/	9335241641	deepakrajgarg@gmail.com			310
1971	G D Singhal	Irrigation	9935520503 9415140856	gd_singhal@hotmail.com	2789452		311
1971	Govind Bahadur	Electrical/UPPCL	9452176834	govind.bahadur@gmail.com	2349234	LM	312
1971	Gyan Prakash	Civil/Irrigation	9936342429				313
1971	Harish Chandra Srivastava	Civil/PWD	9415089273	harishchandrasrivastava@gmail.com			314
1971	Narayan Kishore Srivastava	Mechanical/PWD	9648250303	n.kishore1947@gmail.com	4244925		315
1971	Om Dutt Sharma	Irrigation	9935858534		2320231		316
1971	Prabhash Chander Saxena	ME Mech/Irrigation	9651802070	prabhashcs@yahoo.com	2440487		317
1971	Praveen Kumar Jain	Electrical/UPPCL	9450110464 7905581356	erpraveenkumarjain@gmail.com	4064183		318
1971	Pravin Singh	E & C/UPPCL	7800898404	pravinsingh.7@gmail.com			319
1971	R P Gupta	Electrical/UPPCL	9415934777 9305226679	nimish.g26@gmail.com		LM	320
1971	Rajeev Hajela (Lt Col)	Army	9621121127	col.hajela@gmail.com	3298081		321
1971	Rajiva Rastogi	Electrical/UPPCL	9919774440	rajiva_rastogi@rediffmail.com		LM	322
1971	S B Singh	Irrigation	9415006280	harshsingh477@gmail.com			323
1971	S C Ahuja	UPSEB	8052044440	sca52@rediffmail.com			324
1971	S K Jalan	Civil/PWD	9839016206	sanat_jalan@rediffmail.com	2346590		325
1971	S Sharma	Irrigation	9918550415	sibhnarayan@gmail.com			326
1971	Satendra Kumar	Civil/Irrigation	9450322625	sksaxena.lko@rediffmail.com			327
1971	Shailendra Kumar Upadhyaya	Civil/PWD	9415409150	rnsdmavis@gmail.com	4027201		328
1971	Shiv Narayan Agarwal	Electrical/Business	9415025339	snashobha@gmail.com		LM	329
1971	V K Kathuria	Civil/Jal Nigam	7607370647 9559322666	vinodkathuria@gmail.com		LM	330
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1972	A. K. Singhal	Electrical/UPPCL	9005352795	aksinghal49@gmail.com		LM	334
1972	Anima Guha Roy	Electrical/UPSEB	9335996322	agroy50@gmail.com			335
1972	Ashok Kumar Gupta	Civil/PWD	7607171387	ashokkumarg72@gmail.com	4307469	LM	336
1972	D C Agarwal	Civil/PWD	9415024993	dcagarwal1951@gmail.com	2236443	LM	337
1972	D P Srivastava	Mechanical/PWD	9450286993	dpsrivastava@gmail.com			338
1972	D V Singh	Civil/RES	9415104909	dvsinghres@gmail.com		LM	339
1972	Devendra Mohan	Irrigation	7318251934	dmohan1951@gmail.com			340
1972	J S Rawat	Architecture/PWD	9335231216	jsrawat1947@gmail.com	2715432	LM	341
1972	K.K.Agarwal	Electrical/UPPCL	9415006857	kkagarwal2312@gmail.com	2394959	LM	342
1972	Kshamta Sinha	Electrical/UPSEB	9451316924	po_tassium2000@yahoo.co.in	2725807		343
1972	Lav Sapru (Lt Col Retd)	Civil/Army	9936404331	lavchita4751@gmail.com	4001521	LM	344
1972	Madhu Chandra Jain	Mechanical/Irrigation	9452784808	lilyjain55@gmail.com			345
1972	Mohan Lal Gupta	Architecture/BBDNITM	9839396925	mlgupta2006@yahoo.com			346
1972	Madhav Saxena	B.E. (Elect.)	7755085402				
1972	Narendra Kumar	Architecture/	8400118866				347
1972	Om Prakash	Civil/PWD	9415196468 6394820137	opsriv1948@yahoo.in	4002827	LM	348
1972	Subhash Chandra Misra	Civil/BSNL	9415000230	scmishra2@gmail.com		LM	349
1972	Sudhir Chandra Khare	Civil/Irrigation	9936569101	khare1174@hotmail.com	2357561		350
1972	Surendra Kumar Sharma	Civil/PWD	9415104636	surendra.sharma@gmail.com	6546507	LM	351
1972	Sushil Kumar	Civil/PWD	9792289111	sushil.1951@yahoo.com			352
1972	Usha Birjee	E & C/Tech Education	9415324252	ushabirjee@gmail.com	2376531		353
1972	Vinod Prakash Gupta	Civil/PWD	9453586670	vpg413@gmail.com	2693002		354
1973	A K Chaturvedi	Electrical/UPPCL	9415021794	ambrish.k.chaturvedi@gmail.com	2375807	LM	355
1973	A K Gangwar	Civil/UPPCL	8090772688				356
1973	Ashok Kumar	Electrical/Shipping	9415584263 9452293721	jyotsanaraibsip@gmail.com			357
1973	Braj Kishore Agrawal	Electrical/UPPCL	9415354419	bkagrawal.puvvnl@gmail.com		LM	358
1973	D N Srivastava	Mechanical/GIDA	9810199857	dnsri@gmail.com			359
1973	DharamVir Gambhir	Civil/Irrigation	9415022577	dvgambhir@gmail.com	2614094		360
1973	Dinesh Kumar Agrawal	Mechanical/UPRVUNL	9415900607	dineshkumaragr@gmail.com		LM	361
1973	Dinesh Narain Bajpai	Mechanical/	9415900415	dineshnarainbajpai@gmail.com			362
1973	Gopal Sinha	Electrical/UPJVNL	9415196206	sinha_gopal@rediffmail.com	2330836	LM	363
1973	Harish Gurnani	Electrical/Business	9415013298	info@premierautocables.in			364
1973	M M Garg	Civil/UPRVUNL	9415900464	gargmadan@gmail.com			365
1973	Narendra Kumar Rastogi	Civil/UPPCL	9452156978	nkrastogi1@gmail.com	3917334	LM	366
1973	Niaz Ahmed Siddiqui	Mechanical/	9696680082	niazsiddiqui@yahoo.com	4069964		367
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1997	Avinash Ghai	Architecture/Architect	9415024149		2418297		720
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