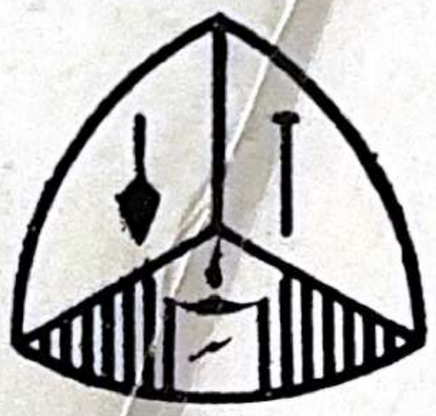
# SOUVENIR

VOL 1

JUNE 1962



CHIEF EDITOR : JITAINDRA MOHAN MEHRA

## PUNJAB ENGINEERING COLLEGE

CHANDIGARH.

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V. P. Bhasin
he PEC MAG

*. M. Mehra*
*Chief Editor*

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# ACKNOWLEDGEMENTS

The idea of publishing the Souvenir has been gaining ground for the last two or three years. It is a matter of immense pleasure and satisfaction that the idea has taken shape for the first time and the eighth batch of graduates, the first lot of 240 students admitted into the institution who will be shortly passing out, can justifiably pride themselves on the fact that they are leaving the institution older but richer in tradition. The Souvenir will help in keeping alive the memories of their association with the Alma Mater. The period of four years which they spent here forms an important part of their lives. It was here during this brief span of four years that they moulded their minds and attuned their intellects to occopy their destined places in the country. But the years they spent here were full of joy and colour ; mirth and gaiety ; warm companionship and unceasing struggle to go forward ; and throughout their efforts were characterised by an adventurist's determination and unbending resolve aimed at securing the means to fulfilment of their cherished dreams and ambition in life. The Souvenir number of the PEC MAG is something which will provide a vivid recollection of their charming experiences during their stay in the college campus and serve as a warm send off to the young engineers.

The publication of the first volume of the Souvenir is largely due to the encouragement given by **Principal R. L. Khanna, Patron of the PEC MAG** to whom we always looked for help and advice. The necessary funds for this project were arranged mainly due to his initiative and unflagging determination to see it through.

We deeply appreciate the help received from the following students in the compilation of the Souvenir :—

Shri I. P. Narang (Final Year Mechanical)

Shri C. M. Bhalla (Final Year Mechanical)

Shri A. S. Dhillon (Final Year Electrical)

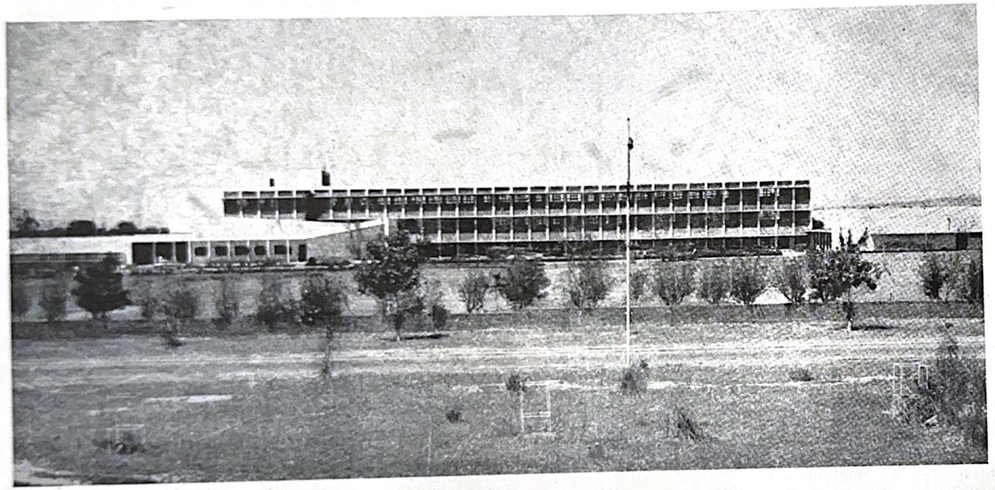
Shri V. D. Miglani (Final Year Civil)

The Souvenir perhaps would not have shown up but for the willing and enthusiastic cooperation of every final year student. We are also thankful to Shri V. P. Bhasin for arranging the distribution of the copies of the PEC MAG and the Souvenir.

*— J. M. Mehra*
*Chief Editor*

Chief E

Editors



OUR ALMA MATER — AN ASSOCIATION OF A LIFE TIME.

*( Photo - V. K. Vikrant )*



# Message

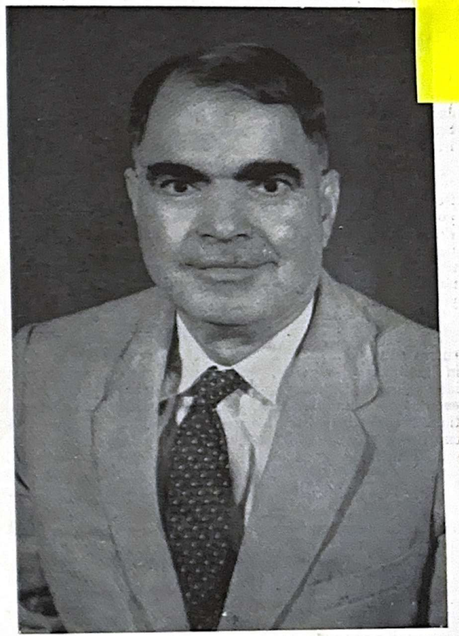
## Principal R. L. Khanna

I congratulate the Editorial Board PEC MAG on bringing out a Souvenir in commemoration of the graduates who shall pass out this year.

Young Graduates, you have had the privilege to spend four years in this old college of Engineering which has many traditions to its credit. We have aimed, that by the the time you complete your course here, each one of you should not only be fully confident of your technical knowledge, but also confident of your healthy body and character. All the three achievements will be needed by you in the service of the mother-land in coming years, whether you join Government Service or Factories.

The future will have a test for you as well as for this respected institution. Your performance will show how far this Institution has succeeded in building those qualities in any field of service and which bring high reputation to you, to the big family of engineers of which you will be proud members and to this college which brought you up. I am confident each one of you with your careful performance, will guarantee high reputation to all the above.

This is not the end of technical knowledge but a beginning for you. Lot of researches in technical knowledge are going on fast all round. We have shown you the way how to make use of it and how to gain more. Do maintain the habit of keeping your technical knowledge up to date by consulting libraries and latest journals on the subjects. Such a study will be best utilty of your spare time and bring you pleasure and confidence and help you to get forward. Even think of new ideas and put them to test. Keep your mind progressive.



PRINCIPAL R. L. KHANNA I. S. E., M. I. E.

Do maintain your fool-proof health, which may not fail you in your hard duties even at odd hours and in unfavourable climates. Maintain your habit of daily physical exercise and control of diet Temperance is essential for healthy life Do have the courage to keep off so called friends politely who advise you otherwise.

You are builders and leaders of tomorrow. People working under you will expect much from you. You will have to set a personal example of sense of duty and responsibility, zeal, alertness, confidence and punctuality. I am sure, you will come up to their expectations. Any slip on your part, any unbecoming action will not be overlooked by people under you. So, be always on your guard.

Proper planning is necessary for success of every scheme entrusted to you. So make a habit of drawing out a plan in detail and in advance, using your own knowledge and intelligence and consulting liberally others who know, may even be your juniors. Much useful contribution has sometimes been made by humbler people in the line who gained experience through years of loyal and honest service and should be freely consulted and given their due.

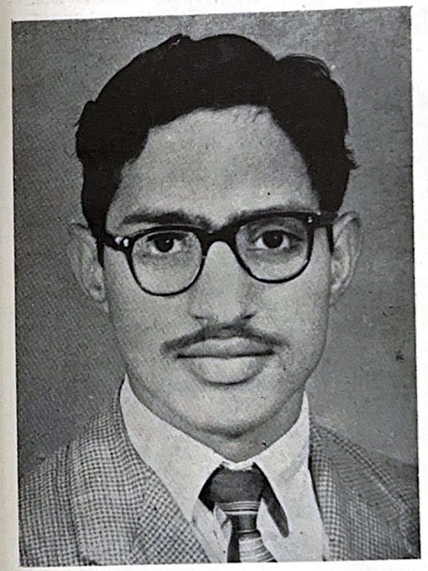
Big jobs will be entrusted to you. The secret of success is not only your own hard, honest and sincere work, but sincere co-operation from the Department also. You have to learn the art of winning co-operation of others to ensure success of your asignment. That co-operation is given by others only when they find you are sincere yourself (and not selfish) and you request them in a proper spirit. Stiff necks and snobbery do not pay in such situations. To earn others co-operation, you have also to be ready to give co-operation to others.

Lastly, none of your objectives will succed unless you have an honest approach right through. You have thus to develop a comlete faith in honest thinking and honest dealings. Those who have lost faith in honesty under certain wrong guidance or unworthy temptations, are unfortunate. I expect you all to be fully on guard on this account. Let no temptation or wrong advice throw you off your feet Rather you have to take care that none of your fellow-engineers tread the wrong track and thereby be a cause of bringing bad name to the whole community of engineers. Thus you have not only to guarantee your own conduct but also are duty-bound to take care of others who may think of going wrong. Then only this big community of engineers can maintain their reputation and play their part in the development of the country the responsibility for which falls on their shoulders.

In the end, I wish you a happy and healthy life full of prosperity and I trust that each one of you will play his part honourably to bring good name to this alma mater, Do not forget us, but keep us informed of your progress and address.

(R. L. KHANNA)





J. M. Mehra Chief Editor

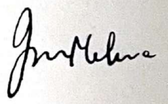
# EDITORIAL

The moment of parting has arrived. The natural tendency is to look far into the future irrespective of the circumstances which conditioned our past actions. But it is difficult to fashion the future without taking into account the important factors in the recent past. It is therefore, deemed proper and useful to do a bit of stock-taking on this occasion. Our batch of 240 students is a symbol of planned and expanding technological progress in the country. The expansion planned five years ago is about to take effect now. We are in the midst of a technological revolution. The intake to engineering colleges has, of late, been on the increase. Along with it, there has been much talk of falling educational standards because of large increase in numbers. Well, it must be appreciated that the increase in numbers has become essential because of the rapid industrial expansion upon which our country embarked after the attainment of independence. "Qnantity to ensure quality," therefore, becomes a meaningless phrase and is suggestive of gross national wastage. Honestly speaking, there is no getting away from this increase in numbers. The problem of requisite standards therefore acquires much importance in this context. But it cannot be solved by mere talk. Effective steps should be taken to arrest any fall in standards and the problem should be attacked on all fronts. But the parrot--like talk of falling standards will lead us nowhere. It has a rather demoralizing effect on the young engineers who have not yet even got the opportunity to disprove the loud claims

about ' their inferior standards." Though the maintenance and improvement of standards is at best the job of educationists, yet we engineers, cannot conveniently escape responsibility in the situation as it obtains to-day. To inspire a sense of confidence in those around us is also a part of our duties. Wherever we may go, whether it is a factory or a design office, we must strive to silence the doubters who talk of fall in standards, effectively and for ever. We must bring home to them that we are not, as they make us out to be, "third rate products" of this inevitable industrial expansion. This is possible only if we give the best of our performance. It is a redoubtable challenge which faces our generation and the way we react to it will determine the shape of things to come in our sphere of activity.

On account of the changed set of circumstances, the young engineer of to-day is bubbling with greater enthusiasm than his predecessors a generation or two ago. He is more resourceful and has more opportunities. He is more mindful of his duties, rights and responsibilities in a socialistic society which is the ultimate goal of our nation. The spirit of nationalism in him also places heavy, though pleasant, responsibility on his shoulders. There is no doubt that he will rise to the occasion. But he is entering his profession at a time when he is shorn of all the halo that surrounded him a few years ago. It is upto him to restore it. A searching inquiry should be made into the causes that led to this situation, But it will be utterly futile to look to outsiders for help. The necessary strength lies dormant within and it is for them to develop it sufficiently to bring about the desired restoration.

Now, we prepare to leave the institution. We shall take alongwith us the memories of our stay here. On the whole, our experience has been quite enchanting. The aim of all education, especially that of technical education, is to equip the subjects with a restive, rational and enquiring mind and the Alma Mater has played its role admirably well. We leave the Institution with a sense of responsibility, of moral obligation to play our part in the onward march of our country. The increasing awareness on the part of the authorities of the engineers' important role in society combined with the education and training that we have received augurs well for the future and will work wonders.





# PLEDGE

*[Below is given the pledge taken by every final year student before leaving the College — Editors]*

**As an engineer, I shall participate in none but honest enterprise and I shall give the utmost of my performance in response to the call of duty. I shall strive to preserve the good name of any engineer whom I know to be conscientious but I shall not hesitate to expose anyone, who indulges in practices contrary to the national interest.**

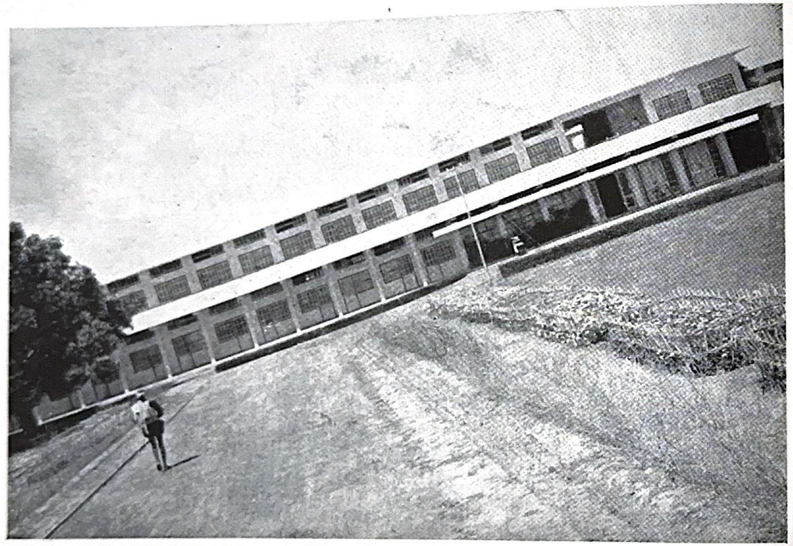
**To my fellows, I pledge in the same full measure I ask of them, integrity and fair dealing ; respect and tolerance ; and spirited devotion to the dignity and standards of our profession.**

**To my countrymen, I pledge dedicated service, irrespective of race, caste, colour or community and I shall endeavour to uphold the secular traditions of India.**

**To my country, I pledge I shall serve her with the best in me and I shall try to enhance her reputation, dignity and pride.**

**To my Alma-mater, I pledge that I shall uphold its name and dedicate my life to the service of humanity.**

**(Final Year Student.)**



HOSTEL — MEMORIES OF A HAPPY BROTHERHOOD.

*( Photo - V. K. Vikrant )*



## Message

**Dr. A. N. Khosla**

*Member, Planning Commission*

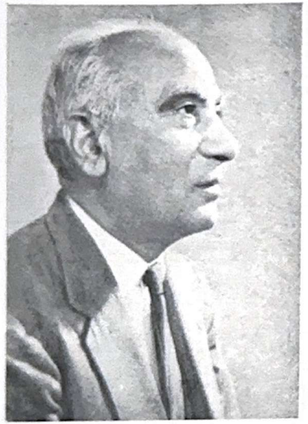
The Souvenir Number of the Punjab Engineering College Magazine, which is to commemorate the passing out of the eighth batch of graduates from the College at Chandigarh, will be a landmark in the history of development of this College. After partition, this College adopted Roorkee as its temporary home and there had the unique opportunity of integrating the work habits and dynamism of the Punjab student-body with discipline, application and high achievements characteristic of the alumni of the premier University of Roorkee. Since coming to Chandigarh, this College has made impressive progress during the Second Five-Year Plan, when the enrolment increased nearly fourfold. With the introduction of post-graduate courses and research, this College can look forward to a future of great challenge and promise.

To the eighth batch of students who will be shortly passing out, my sincere congratulations and best wishes. By their conduct and achievement these students will, I am sure, prove worthy of the traditions of this College and materially advance its reputation and usefulness to the nation.

( A. N. KHOSLA )

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## Message

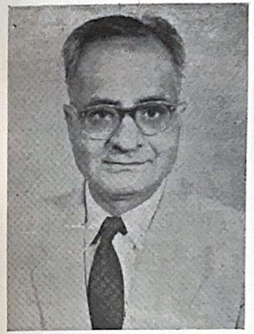
### Shri H. R. Bhatia

*Chairman, Punjab State Electricity Board*

I am glad to know that the Editorial Poard of the PEC MAG, an organ of the Punjab Engineering College, is bringing out a Souvenir number of the Magazine in commemoration of the passing out of the 8th batch of Graduates from the college. I wish the new Graduates success in their practical career, for which there is a wide field in the country to-day New developments in Hydro-electric Engineering, Irrigation, Road Building, Engineering Structures, Power Transmission, Distribution and Industry are taking place on a gigantic scale unparalleled in the previous history of this country and offer ever increasing new opportunities to young engineers to apply their knowledge and skill to new problems which arise constantly in the execution of large projects. My advice to the young Graduates is to aim at the motto of earning their prospects in life through hard work and labour, which is bound to bring in satisfaction at the end.

( H. R. BHATIA )





## Message

### Shri G. C. Khanna

*Chief Engineer, Punjab, P.W.D. (B & R)*

I feel honoured at having been asked to send a message to the students of the College through your Magazine.

Engineers in India have a vital and important role to play in the economic uplift of the country. During the III Five Year Plan out of a total outlay of Rs 10,000 crores, engineers in various branches of engineering will be asked to handle engineering projects, setting up of industries, both in private sector and public sector worth about Rs. 5,000 to Rs 6,000 crores.

After leaving the portals of their Alma Mater, engineer students will have ample opportunities to show their talent, and exhibit their mettle and worth. The future of all engineers having intelligence, initiative and drive is bright, as they have a rich heritage of engineering projects which have to be completed by their technical skill, ability and hard work.

The State of the Punjab has produced eminent engineers like Sir Ganga Ram, A.N. Khosla, Kanwar Sain and others. Let us strive to emulate their examples, and follow their traditions. All engineers must cultivate the habit of having an objective and correct approach to the engineering schemes, show skill and ingenuity in their design, exercise economy in specifications, and muster organizing ability by working in cooperation with others for their speedy execution. This requires hard work; good and efficient engineers have never been shy of diligent hard work.

Will Durant in his address "Young Man Your World" has given the following advice which is worth repetition :—

*"Be healthy and you will be happy ; be happy and you will be good. Let the vigour and cleanliness of your body be as precious to you as the integrity of your character and the clarity and strength of your mind. The greatest task of our schools is to transform egoes into gentlemen. A gentleman is a person who is continually considerate. Kind words cost so little and are worth so much— — To speak ill of others is a dishonest way of praising ourselves.*

*Good health to you, good work, good furture, good character. Drink the brimming cup of life to the full and to the end Thank God and nature for life's bracing trials and challenges, its educative punishments and rewards, its priceless gifts of beauty, wisdom, labour and love."*

(G. C. KHANNA)



## Message

**Shri G. S. Sidhu**

*Chief Engineer (Administration), Irrigation Works, Pb.*

It gives me great pleasure to note that the Editorial Board, PEC MAG are bringing out a Souvenir number in commemoration of the passing out of the 8th batch of Graduates from the Punjab Engineering College, Chandigarh.

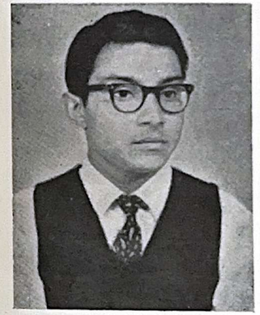
For a nation like India which is struggling to make rapid progress in all fields of human activities, scientific and technological development has high priority. Whether it be in Irrigation or Hydro - electric development, the progress of the country over the last 10 years is comparable in both quality and volume with those of the most advanced countries. Indian Engineers have tackled very difficult problems in the course of implementation of the two Five Year Plans by their own initiative and resources. The III Five Year Plan of the country has already been launched and the effort is geared in making even more impressive performance in Irrigation and Power Development of the country. Thus, in our country where major portion of Plan Investments relates to the realm of Engineering output, there is unlimited scope for young engineers to serve the motherland and contribute towards its progress and prosperity with skill, intelligence and far sightedness

I wish the passing out graduates from the Punjab Engineering College all the success, and also hope that with the opportunities now available they will bring laurels to the profession.

(G. S. SIDHU)



# They send us their greetings



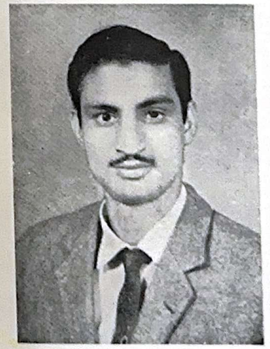
*S. M. Sood Chief Editor (1960-61)*

Kangra
March 16, 1962.

Dear Mehra,

I deem it a great previlege to send my greetings to you on this occasion. Congratulations are due to you and the team for making a sucess of a dream. It really is a thing very pertinent and proper. I expect you will make an admirable publication out of this Souvenir and it shall become a standard the coming generations of graduates will look upto for quality.

—S. M. Sood



Sh. M. M. Sehgal
*Chief Editor (1958-59)*

Sh. K. K. Pujara
*Chief Editor (1959-60)*





Dr. P. G. Deo

## Message

### Dr. P. G. Deo

*Prof. and Head of Applied Sciences*

The outgoing students will be leaving this college when our country is at the door of rapid industrial and technological development. Compared to the other advanced countries in the world, we are very much lagging behind and it is essential that we should catch up with them and be at par at least in the areas in which we already have the technical know-how. This is perhaps the best time for the engineers to take up the challenge and face it courageously. It is only with sound knowledge, sincerity, honesty and integrity, that they will be able to accomplish this task and bring credit to themselves and to their Alma Mater.

I wish them every success in life.

( P. G. DEO )



# MECHANICAL ENGINEERING SECTION

# Message

## Dr. Jagdish Lal

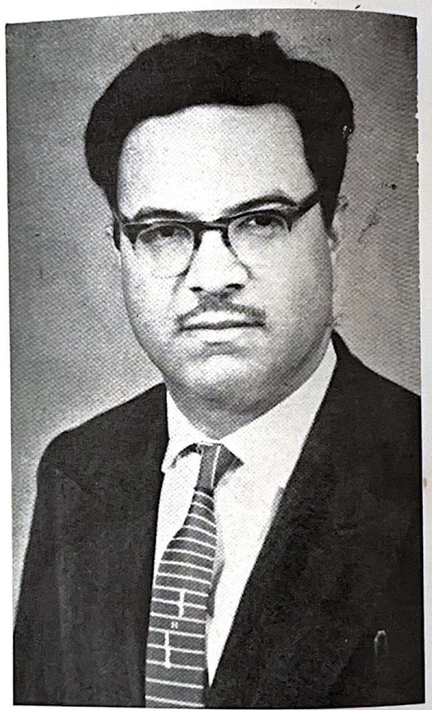
*Prof and Head of Mechanical Engineering.*

I am delighted to learn that you are bringing out a Souvenir this year. Though the idea has existed for a long time, it is for the first time that it has been taken up seriously. Its necessity was never greater. Yours is the biggest batch who has so far graduated from this institution. You will be scattered in all the nooks and corners of the country unlike the past when most of the graduates of this college were absorbed in our own State. I am sure that the souvenir would enable you to have a glimpse of the happy days you have spent here. The student life is the happiest period of one's life and anything that enables one to re-live it even if only mentally is always soothing and welcome. The value of Sovernir will increase year after year.

I, on my part, shall always cherish the memories of my associations with you because I have been associated with you in more than one way. I feel like emphasising to you for the last time the importance of one trait of personality i.e. initiative. The greatest need of our country is for creative engineers and not mere responsive engineers. I hope the social life as it has been organised in the college has equipped you for a note required of you.

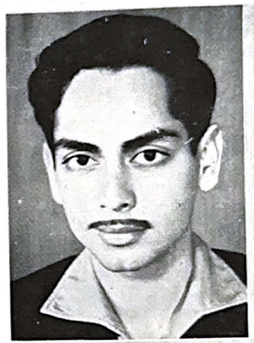
I wish you all good luck and a successful career.

( JAGDISH LAL )



Dr. JAGDISH LAL







### ANIL KUMAR AHUJA

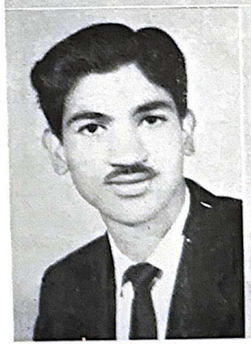
6 J 22, Sector 16, Chandigarh.

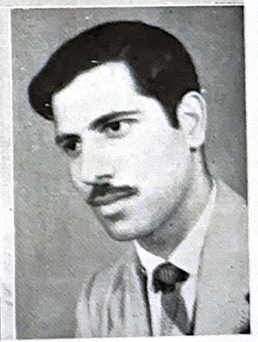
Cheerful and charming personality. Has a wide range of interests especially painting Ball-room dancing and instrumental music. Plays chess. T.T and badminton. Hobies—hiking and swimming. Selected in the Army.

### ANIL VASUDEVA

445, Model Town, Jullundur City.

Has no flair for publicity Possesses a pleasing accent. Intrested in painting and movies. Plays bridge and squash.





### BAKHSHISH CHOWDHARY

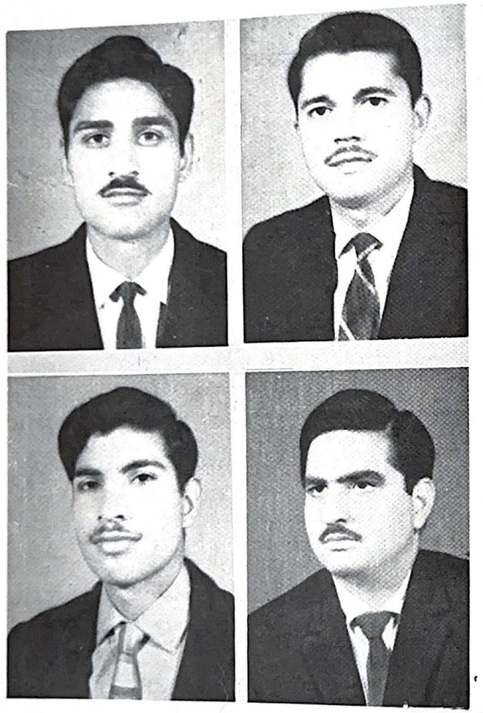
V.P.O. Ghanari, Via Ambota, District Hoshiarpur.

Sensitive and intelligent. Almost inexhaustible stamina. Winner of cross-country race for three years consecutively. Plays Hockey and Basket-ball. Intrested in boating, hiking and cycling.

### BALDEV KRISHAN MEHTA

15-Z Sector 22-B, Chandigarh.

A thrilling speaker and convincing debater. Secretary Speaker's Union Won the coveted silver medal for the best outgoing speaker. Regular contributor to PEC MAG. Student of Vedic literature. Plays Tennis, T. T. and chess.



**BIR SINGH CHAUHAN**

c/o Shri Matu Ram Chauhan, Village Hardi, P.O. Bihta District Ambala.

Likeable youngman and possesses forceful manners. Member Students Executive. Plays bridge and volley-ball.

**BRIJ LAL KANSAL**

63, Suberban Park Road, Howrah.

Reserved and studious. Has admirable social sense. Interested in literature and magazine reading. Regular contributor to PEC MAG. Plays badminton and volly-ball Hobbies — music and photography.

**BHISHAM KUMAR BERI**

c/o Shri P.L. Beri, Beri Niwas, Charanjit Pura, Jullundur City.

Very lucky in the matter of examinations. Never entered play fields. Interested in indoor games like TT, bridge and billiards. Hobbies —penfriendship, movies and novels.

**BRIJ MOHAN ARORA**

c/o M/S Diwan Chand Gian Chand, Mandi Road, Jullundur City. Phone: 3561

Has a keen sense of appreciation. Social and friendly Has balanced judgement. Deeply interested in cricket. Plays tennis, squash and billiards. Hobbies— novel reading, boating and hiking.



**BHUPINDER SINGH**

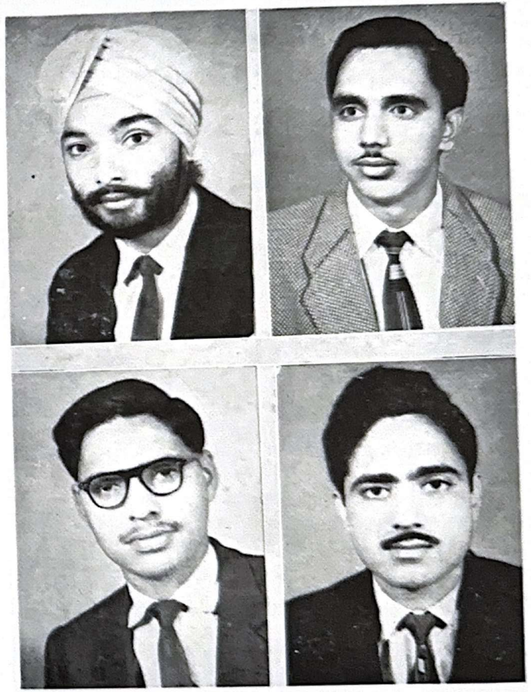
Machine Haldi. Chowk Chint Purni, Amritsar.

Very brilliant student. Has commendable guts. Rather reserved. Interested in boating, hiking and swimming. Plays hockey and tennis. Member Football XI. Secretary, Driving Club.

**CHUNI LAL CHHABRA**

3238/8 Gali Jandi Wali, Namak Mandi Amritsar.

Sincere and hardworking, quiet and unassuming. "Information Bureau" for vacant posts, bus and rail time tables. Plays volleyball and badminton N. C. C. cadet. College Councillor Hobbies-hiking and novel reading.



**BHISHAM JI LALL**

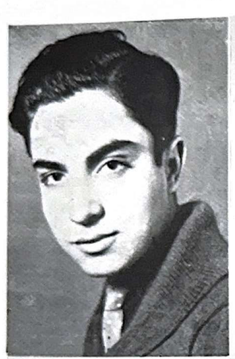
B-1, Sector 16-615, Kundan Puri, Civil Lines Ludhiana.

Extremely gentle and cooperative. Interested in music, driving, and hiking. Does pleasure trips on bike. Plays squash, badminton and billiards.

**CHANDER MOHAN DATTA**

463 Adarsh Nagar, Nawan Shahr Doaba (Jullundur)

Tall and handsome. Romantically disposed, he is interested in Music, Drama and Urdu poetry. Prefers sleep to sports. Secretary Dramatic Club.





## CHANDER MOHAN BHALLA

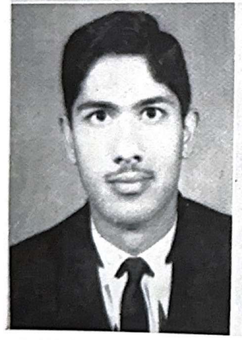
c/o Shri Krishan Bhalla, 1, Circular Road, Amritsar.

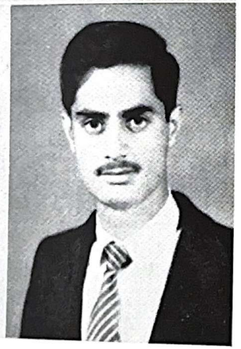
Popular actor in college dramas. Witty and jovial. Interested in abstract painting. Plays tennis and squash.

## CHARANJIT DIWAN

3 D, B.C. Bazar, Ambala Cantt.

Easy going and cheerful ; and rather too humble. Plays badminton and tennis.





## DHARAM VIR BAHL

House No. 915/3, Bhandara Mohalla, Phillaur, District Jullundur.

Has a peculiar accent. Gay and friendly. Prize winner in volley-ball and shot-put Plays football Secretary Shivalik Mess. Hobbies — Boating and novel reading.

## DHARAM VIR GUPTA

House No. 2258, Krishan Nagar Pathankot.

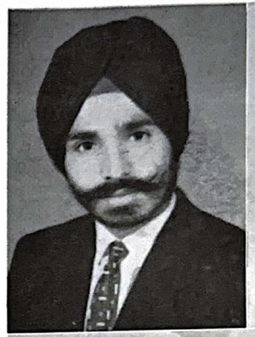
Extremely good at heart, sincere and hardworking. Plays volley-ball and badminton. College Councillor Member Radio and Boating Clubs Hobbies — Fiction reading and hiking

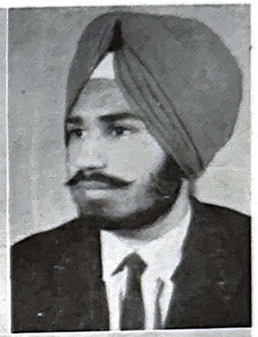


## GURNAM SINGH KULAR

vill. & P. O. Ghungrali, via Khanna. Distt. Ludhiana.

Popularly known as "Thuk" ( a person with commanding looks and behaviour ) Ambitious and intelligent. Well-known long distance runner. Plays football Interestd in palmistry and folk songs.





## HARBHAJAN SINGH BAINS

c/o S. Sadhu Singh, Village Fateh Garh Tumbi, P. O. Aziz Pur (Via Sadhaura), District Ambala.

Intelligent, studious and unassuming Endowed with pleasing manners and helping nature. Hefty and strong. Plays football, volleybal and T. T. Interested in boating, hiking and psychology. Secretary Students Executive and Photographic Club.





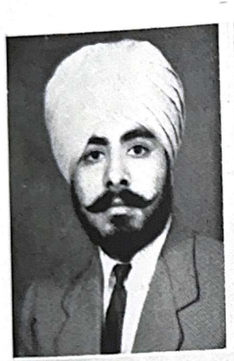
## HARBANS LAL JHAMB

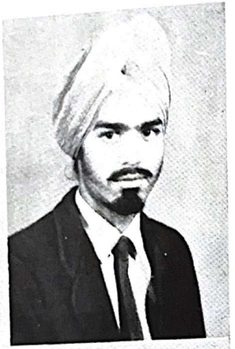
E. Q. 350, Saidan Gate, Jullundur City.

Very intelligent, sober and courteous Interested in hiking, philately and photography. Plays tennis, badminton T. T. and billiards.

## HARI GOPAL AGGARWAL

c/o Sh. K L. Aggarwal, State Bank of India, Kairana, Distt. Muzzafar Nagar ( U. P)





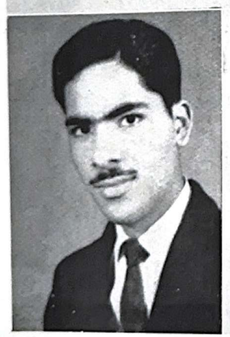
## HARMOHINDER SINGH

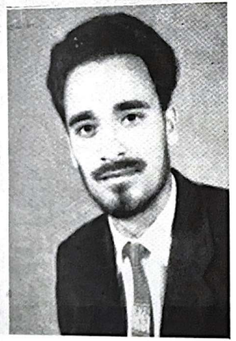
44, Ahluwalia Buildings, Ambala Cantt.

Loquacious, but witty. Pleasantly fat and rounded, but bodily active. Member of volleyball XI. Famous for his "Bolian". Interested in short stories, Bhangra and dramas.

## HARJIT SINGH WALIA

c/o S. Kirpal Singh Ahluwalia, Outsic Sultan Wind Gate, Uttam Nagar, Hou No. 2511, Amritsar.





## INDER PARKASH NARANG

c/o M/s Jhangi Ram Behari Lal Narang Abohar, Distt. Ferozepur.

Quiet, gentle and studious. He has an enquiring mind given to detail. Has nasal accent. Popularly known as "Narangi". Very good at chess and draughts. Takes part in all indoor games. Plays badminton, volleyball and tennikoit. Hobbies—swimming, playing cards. College Councillor. Participates in technical seminars.

## JAGDISH CHANDER

Village Awankot, P. O. Gharauli, Distt Ambala.

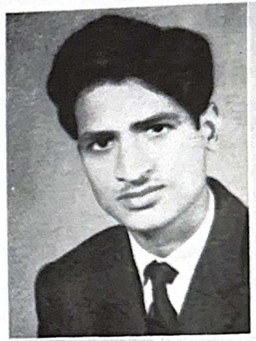
Tall and bearded. Intelligent an hardworking. Punctillious in expre sion. Loves country life. Organise the first hiking tour. Plays volleyba and T. T. N. C. C. cadet. Hobbies driving, swimming and photography.



## JAGDISH KUMAR TAKKAR

c/o Mr. Krishan Kumar, IV, D/33, Lajpat Nagar, New Delhi.

Has a keen analytic mind. Pleasant to converse with. Reads extensively. Best commentator. Plays lawn-tennis, T. T. and volleyball. Club Secretary (195[illegible]-60) Joint Secretary Speakers Union(1961-62)





## JITAINDRA MOHAN MEHRA

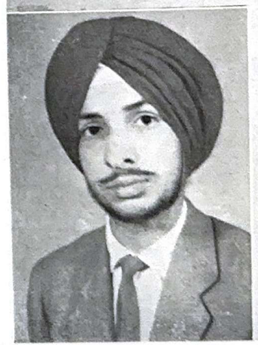
c/o Lala Jagan Nath, House No. W.S. 362, P.O. Basti Sheikh, Jullundur.

Quiet and genial, he takes keen interest in current affairs and politics. With his literary bent of mind, he aptly became Chief Editor, PEC MAG (1961-62). Plays volleyball and T. T.

## JASWANT SINGH MUDHAR

c/o S. Harnam Singh, Prop. Flour Mills, V. & P.O. Jamsher Khas, Distt. Jullundur

Popularly known as "Designer". Very hardworkng and well-behaved. Plays tennis and badminton. College Councillor hobbies—hiking and photography.

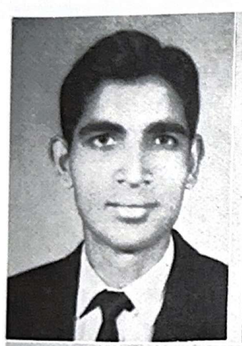




## JIN DASS JAIN

c/o M/s Muni Lal Gauri Shanker Jain, Rupar (Distt. Ambala).

Serious and probing. Enjoys good humour. Plays T. T. and volleyball.





**JAGDISH RAM**

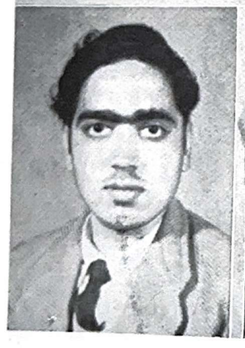
V. & P. O. Bolina Doaba, District Jullundur.

Smiling genius. Very studious. Lean but healthy. Plays football, volleyball and badminton.

**KAMAL SAROOP JOSHI**

Panchvati, Bhararri Simla-1

Interesting and witty talker. Has hig histrionic ability. Welcome additio to any gathering. Interested in musi and literature. Plays squash an badminton. Prominent Member o Dramatic Club. Hobbies—ice skating.





**KANWAR SAIN SATIJA**

c/o Sh. K. N. Satija, A. D. E., Central Design Office, Chandigarh.

Gental and social, studious and resourceful. Interested in novels, scientific fiction and painting. Plays volleyball, badminton and deck-tennis.

**KASHMIR SINGH AZAD**

Kashmir Niwas, H. No. 162, St. No. 4 Central Town, Jullundur City.

Strikingly handsome. Serious and reticent nature. Born athlete. "Flyin Sikh" set up college records in 10 metres and 200-metres races. Membe Students Executive. Secretary Infor mation and Employment Bureau Hobbies— boating, hiking, hunting an novel reading.

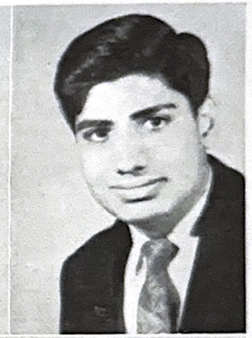


**KRISHAN LAL AGGARWAL**

c/o Sh. Chiman Lal Advocate, Garden Ganpat Rai, Moga, Distt. Ferozepur.

Popularly Known as "Lala Ji". Has smoothly rounded soft face. Sober and and sedate disposition. Relishes "pan' and "ilaichi" very much. Plays badminton and T. T. Interested in psychology and novel reading Hobbies—hiking, gardening and correspondence.

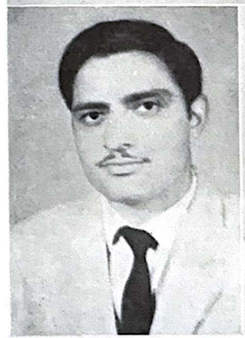




**KULDEEP SINGH SINGAL**

c/o M/s Devi Dayal Brij Lal, Tohana Mandi, Hissar.

Though popularly known as "Khooni Bhai", he is extremely meek, gentle and humble. Always happy and pleasant. Has a knack of making friends. Plays tennis and badminton Boating, noval reading, palmistry and photography are his hobbies Future plan—marriage.





**KULDIP CHANDER MAINI**

c/o Sh. Gopi Chand Maini, Maini Cloth House, Sadar Bazar, Yol Cantt. Kangra

Six footer. Serious and industrious. Plays squash, badminton and basketball Interested in Hindu epics. Hobbies— boating and gardening.

**KANWAL KISHORE RAHEJA**

c/o Sh. Lekh Raj Raheja,. Q. No. 233/R, Model Town, Panipat, (Karnal.)

Gentle, mature and friendly. Deeply interested in music. Loves Art and Nature. Plays badminton. Joint-Secretary Students Store.

PUNJAB ENGINEERING COLLEGE LIBRARY CHANDIGARH

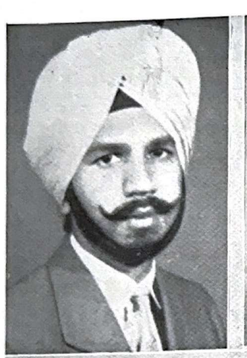
Chi

Edit

## MANJIT SINGH CHOWDHARY

c/o Dr. Amrik Singh, Incharge Veterinary Hospital, Phagwara.

Alluring nature and gay disposition. Sensible and pleasant conversationist Plays tennis and badminton. Member Students Executive. Hobbies— hiking, swimming and news paper reading.





## MADAN GOPAL MENDIRAT

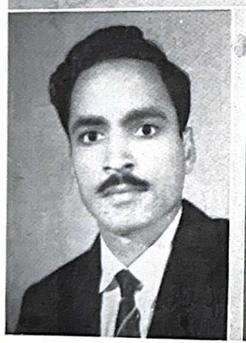
Agra Bus Stand, Bharatpur (Rajasthan

Very interesting and amusing charac with an artistic bent of mind. He good command over Hindi langua Usually engages himself in no reading. His strong points are ch bridge and swimming. Plays tennis volleyball. Plans to go to States shor

## MUNI LAL CHANDAN

c/o Sh. Ram Rakha V. & P. O. Takhat Garh, Distt. Hoshiarpur.

"Major" is smart, serious, studious and shrewd. Interested in Yogic asanas, psychology and philosophy. Strives constantly for self-improvement. Plays volleyball, football. Hobbies— hiking philately and news paper reading.





## MOHINDER SINGH

s/o Late Dr. Iqbal Singh, 9 D-18, Sec 7 A, Chandigarh.

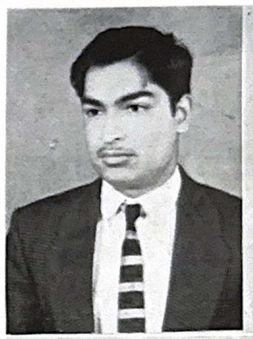
Supports a very endearing beard. a remarkable capacity for taking thi easy Robust and healthy. Interested chess, and literature. A very g commentator. Plays tennis badminton Hobbies— boating and hiki

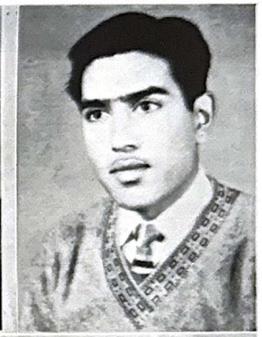


## MANOHAR LAL ARORA

E.N. 19, Rasta Mohala Jullundur City

"MLA" has a winning personality and has good organising ability. A keen cricketer. Plays cards. Interested in sports and political discussions. College Councillor.





## PREM SAGAR MIDHA

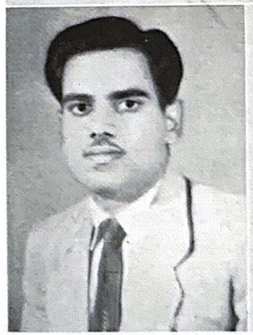
F— 133, Rajouri Garden, New Delhi — 15

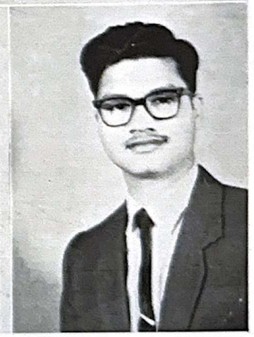
Cheerful and likeable. Very sober and sparing in communication. Member of the dramatic club. Plays Tennis and badminton.

## PUSHAP KUMAR BATTA

c/o Sh. Hukam Chand Batta, Advocate, Malerkotla, (District Sangrur.)

Simple and noble hearted. Gay and cheerful Enjoys natural beauty and long morning walk.

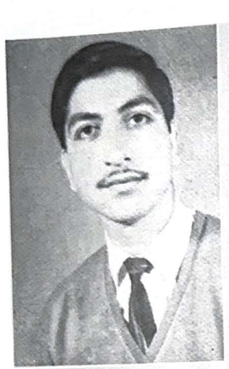




## RAJINDER KUMAR AGGARWAL

c/o M.S Sewa Ram Sita Ram Cloth Merchants Partap Bazar, Amritsar.

Sweet-mannered, and has a melodious voice. Plays squash, tennis and badminton. Hobbies — boating, hiking, photography and novel reading.



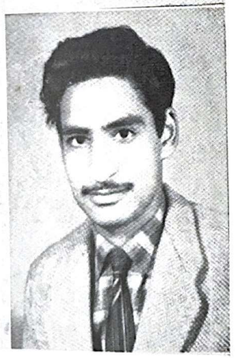


## RAMESH CHANDER BAHL

254, Karari Mohalla, Kalka, (Simla Hills.)

A lovable personality. Optimistic and tireless worker. Able tour secretary.





## ROSHAN LAL KHERRA

1077/6, Kucha Ichha Ram, Swank Mandi, Amritsar.

Known as "Chief Engineer" among his intimate friends. Good player of cricket and tennis. Interested in politics and literature. Hobbies —swimming, and philately. College Councillor.

## RAM SWAROOP KALRA

E. K. 275, Rasta Mohalla, Jullundur City.

Tall, handsome Kalra commands a mixed personality. Besides being a good student he is an appealing conversationist. Desirous of becoming a sales-engineer. Plays cricket, football and badminton.

## RAVI PARKASH JERATH

House No. 180, Street No. 4, Central Town, Jullundur City.

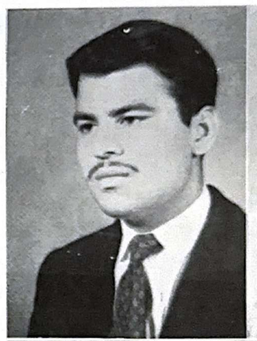
More energetic and resourceful than he appears to be. Much interested in cricket. Plays badminton and volleyball. Hobbies — hiking, boating and now reading.

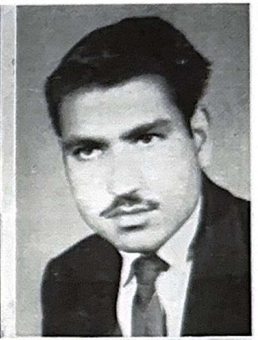


## RAMESH CHANDER SHARMA

N. B. 224, Tanda Road, Jullundur City.

Very frank and sincere. Interested in painting, penfriendship and dramatics. Good actor. Member hockey team. Plays squash, T. T. and badminton. Hobbies — boating and swimming.





## RAJINDER KUMAR KHANNA

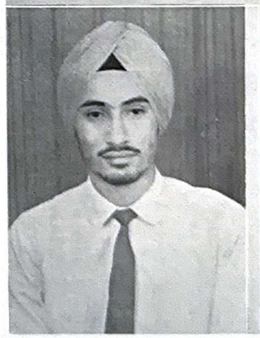
7 F/18 B, Chandigarh

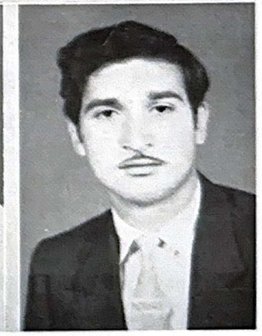
Popularly known as "Bhori". Silent and serious. Jovial and amiable. Plays tennis, badminton and volleyball Hobbies —painting and gardening

## RAJINDER PAL SINGH UPPAL

c/o Narayan Cold Storage, (P.) Ltd., G. T. Road, Amritsar

Due to his princely nature he was known as "Badshah" among his more intimate friends Plays cricket. squash, billiards and T.T.

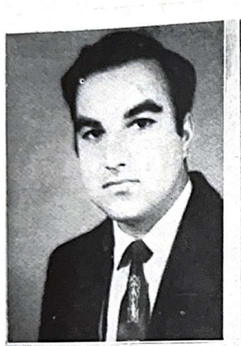




## RAMESH CHANDER SHARMA

10 FA/51, Sector 22 D, Chandigarh.

Gifted with melodious voice and pleasing manners. He was easily the best dressed among his fellows. Plays cricket, T. T. and badminton. College Councillor. Hobbies — boating and hiking.





## SURINDER MOHAN DOGRA

c/o Dogra House, P. O. Ram Nagar, Distt. Udhampur (J. & K).

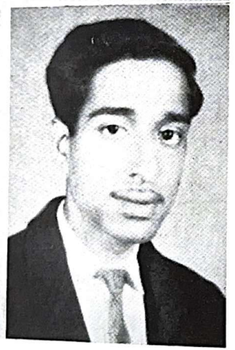
Wears a cosmopolitan outlook. Serious and shrewd. Absorbing reader. Interested in painting, correspondence, and natural scenery. Hobbies—swimming, boating and hiking.

## SHIV KUMAR BAJAJ

36/23, East Patel Nagar, New Delh
(Phone 51268).

Smart, short, and brainy. Bajaj is kno
for his constant good humour. Studi
and hardworking. Top student. S
while at work. N. C. C. cadet. P
tennis. Hobbies—boating and hikin





## SATISH CHANDER

House No. 6-C, Sector 9-D, Chandigarh.

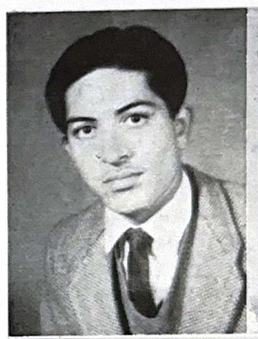
Known as "Chutki" among his friends. Brilliant student. Witty and jolly. Plays tennis, squash and billiards. Hobbies—stories and novel reading.

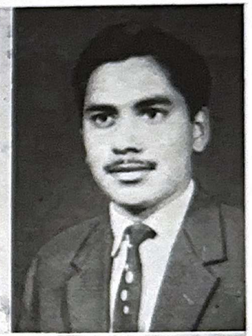
## SHAM LAL AGNIHOTRI

c/o Brahma Nand Mohan Lal, Com
sion Agents, Morinda (Ambala).

Exceptionally unassuming. Simple
sincere. Member of college basket
team. Also plays badminton.







## SHYAM SUNDER ARORA

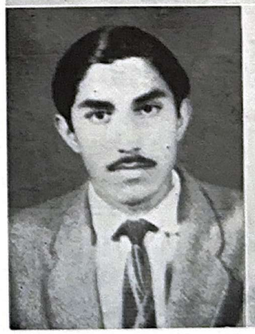
F/5, Sector 8-C, Chandigarh.

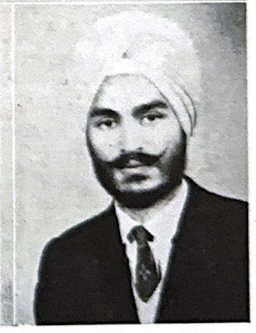
Handsome boy, famous for his smile. Quiet and gentle, Arora is studious and hardworking. Plays volleyball and badminton. Interested in general study and novels. Hobbies—boating.

## SHASHI KANT VAHI

10, Double Phatak Road, Kishan Ganj, Delhi-5.

Genial and lovable. Sincere and respectful. Philosophy-minded. Interested in horticulture. Plays tennis and squash. College Councillor. N. C. C. Cadet. First Secretary of religion and philosophy study circle. Hobbies—stamp collecting and pen friendship.





## SUBHASH CHANDER DUGGAL

Chiundian Mohalla, Moti Bazar, Batala.

Smart and active. Has a predilection for tea at all odd hours. Terror for "Mushkees". Ambitious and resourceful. Plays T. T. draughts and badminton. Interested in music, and photography. Hobbies—novel reading, boating and coin collection.

## SEWA SINGH BAJWA

V. & P. O. Massanian, Tehsil Batala, Gurdaspur

Best athlete. Plays basketball, football, volleyball and badminton.



**SUDERSHAN KUMAR KOHLI**

L-60, Main Vinay Nagar, New Delhi.

Tall and active. Sways andiences with his melodious renderings. Plays hockey and badminton. Won prize in high jump. Hobbies—novel reading and singing.

**SHYAM SUNDER CHUTANI**

54/L, New Colony, Gurgaon

Intelligent and hardworking. Brilliant academic career. Plays volleyball, football and badminton. Interested in painting, and Hindi poetry and music. Hobbies—spinning, novel reading, boating and hiking.



**SURINDER KUMAR SACHDEVA**

Arora Cottage, Moga Ajeet Singh, Moga.

Charming and handsome. Intelligent and jovial. Interested in natural beauty, music and all indoor games. Plays hockey, badminton, tennis and squash. Member hockey team. Hobbies—hiking and novel reading.

**SUBHASH CHANDER KWATR**

c/o Sh. Thau Ram, Shop No. 5635 Bazaza Bazar, Rewari District Gurgaon.

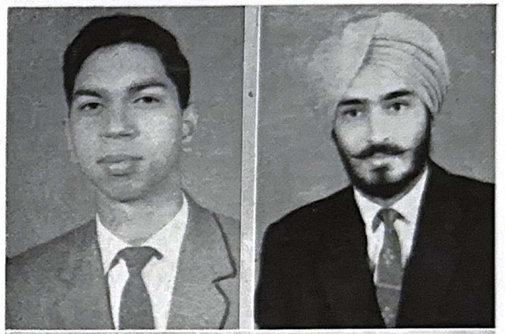
Very studious and hardworking. Live in a world of books. Consolation prize winner in athletics. Plays volleyba and badminton. Interested in gossip correspondence and pictures. Hobbies- sitting idle, and thinking of new plan .



**SURINDER KUMAR PURI**

c/o Sh. Atma Ram Puri, Petition Writer, Civil Courts, Patti, District Amritsar.

Has pleasing manners Greets his fellows with a smile. Plays tennikoit, badminton, T. T. and carrom. College Councillor. Hobbies—boating.



**TARLOCHAN SINGH MINHAS**

V. & P. O. Paldi, District Hoshiarpur.

Voracious reader of books-text and general. Gentle and reasonable.

**TEJ SINGH**

Village Batahai, P. O. Hari Pur, Tehsil Kulu, Distt Kangra Kulu Valley.

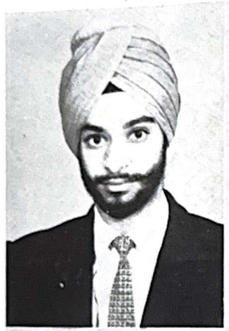
Stockily built man from Kulu-the Valley of gods. Prefers physical exertion to intellectual boredom. Accomodating and co-operative. Loves nature and solitude Plays padder tennis and volleyball, and flute for his friends.

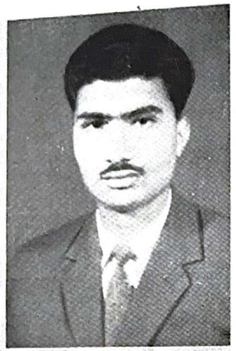


**TEJA SINGH**

V. & P. O. Dhada Kalan, District Hoshiarpur.

He used to have fitful moods of hilarity and 'sulking away'. His pastimes—a walk among moonlit woods, a game of padder, and table tennis, and reading Victor Hugo' big book "Les Miserable '. He does everything with interest.





## VIRENDRA SINGH GOINDI

151/162 Murnford Gunj (East) Allahbad 2

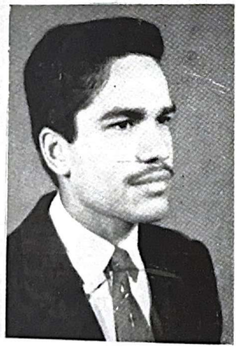
Known for his billiards, and witticisms and talkativeness. A supporting character, he is fond of bridge, horse riding and swimming.

## VIWEK SHEEL MALHOTRA

6 J-6, Sector 16, Chandigarh.

Sober and modest A brilliant scholar Witty, social and friendly. Plays hockey and football. N. C. C cadet. Hobbies: hiking and photography.





## VED PARKASH ANEJA

House No. D-16 Tohana, District Hissar.

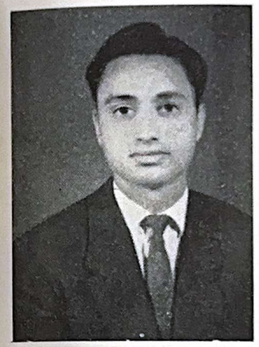
Sober and serious. Plays volleyball and badminton. Enjoys long walks. Hobbies—novel reading and general study

## VIJAY SONI

XVI/2287, Chowk Gurdwara Ro Karol Bagh, New Delhi-5 (Phone : 5

Popularily known as "Kiddy". Fond drain pipes and "Good time". Ke interested in skating, and hik Hobbies—boating, swimming and co taking.





## VIJAY KUMAR SHARMA

C/o Pt. Siri Bhan, Tehsildar, Nabha Pb.

Gay and optimistic. Popular singer and likes good music. Good player of cricket. More interested in indoor games. Hobbies—boating, riding and phtography.

## YASH PAL VIJ

c/o Sh. K. C. Vij, Near Gurdwara, Malaut Mandi, District Ferozepur.



# ELECTRICAL ENGINEERING SECTION

## Message

Dr. SWAMI SHARAN

Professor of Electrical Engineering

On the occasion of the passing out of the students this year, I wish them every success in finding suitable employments in the fast growing economy of the country. I hope they will keep up the tradition of high professional standing of the products of this college by their integrity, competence and willingness to work.

(S. SHARAN)



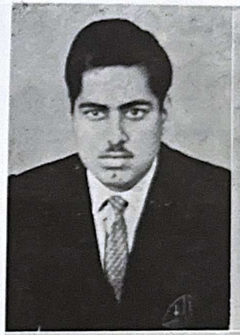
Dr. Swami Sharan

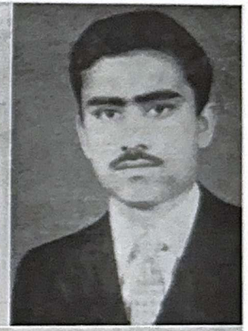


### AGYA PAUL ANEJA

c/o Shri Khem Chand, Radha Karishan Cloth Merchants Gokal Gate, Rewari District Gurgaon.

Healthy and stout. Generally found with a smile. Frank and social., noble hearted and intelligent. Plays volley-ball and badminton. Member Sharam dan Committee.





### ANIL KUMAR BANERJEE

c/o Sh. C.K. Banerjee 888, Brown Road Ludhiana.

Good natured. Quiet and unassuming. Voratious reader of every thing except text books. Judicious philatelist. Keen photographer. Dabbles in painting plays badminton.

### ARUR SINGH DHILLON

Lamba Pind, Jullundur City.

Literary bent of mind. Meek and gentle. Interested in cards, carrom, table-tennis without knowing much of them. Prominent N.C.C. Cadet. Popularly known as "Commander."





### ARUN PRAKASH NAGRATH

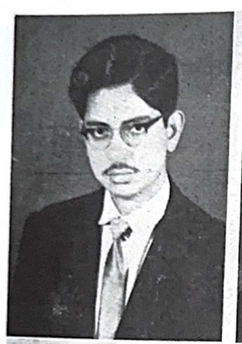
c/o Sh. H.P. Rai Nagrath, Parkash Kuti, Near Railway Station Gurgaon.

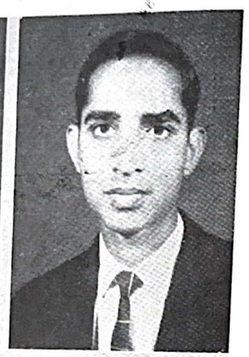
A good critic of pictures. Possesses rare histrionic talent. A game of cards refreshes him more than a walk in the open. Always at home with chess and draughts while text books were his pet aversion. Member of IV year Cricket Eleven and College Councilor.

### ARUN KUMAR AHLUWALIA

House No. B. IV 1077, Rupar.

Really handsome chap. Amicable and sociable. Reads extensively.





### DARBARI LAL GARG

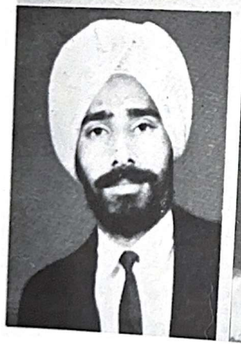
c/o M/s Hazari Lal Sri Krishan, H
House. Barnala.

Widely travelled. Had been
Australia. Wears a broad
A happy go lucky fellow.
possesses a good ear for music
gossip. Engaging conversationist
had the tact of affecting that h
interested in nothing. Hobbies—
ing, hiking, photography and sw
ing. Plays hockey and badminton.

### DIWAN SINGH NIGAH

c/o Sh. Hari Singh Nigah Village Adhera P. O. Kurali, Distt. Ambala.

Broad minded and diligent. Extremely humble and gentle. N. C. C. cadet. Plays volley ball, foot ball and table-tennis. Loves music and novels. Member, Radio and Driving Clubs.





### DHARAM DEV KAUSHAL

c/o Dr. Lok Nath Kalia, Khanna.

Always beaming with humour and e
siasm. Loves his goaty beard which
long for him Self reliant and intel
Known for his English version of P
phraseology. Plans to go to
Hobbies—stamp collecting, swim
boating and avoiding text books.
hockey and badminton.



### DEEP CHAND DAHIYA

c/o Ch. Jage Ram Dahiya. Village Gop Pur, Post Office Kharkhoda, Distt. Rohtak.

Tough guy from Rohtak. Amicable and sporting. Captained College Football Team. Couples foot ball with books so efficiently that maximum efficiency results in both. Member, College Executive.





### GAJINDER PAL SINGH

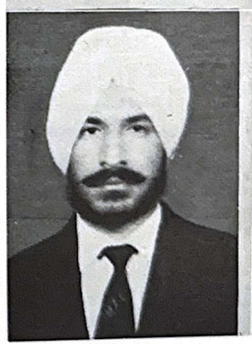
E. O. 146, Pir Bodla Bazar Jullundur City

Smiling face. Friendly and sociable. Hardworking and possesses a keen mind Plays indoor games like carrom, table tennis and billiards. Also tries his hand at hockey and badminton. Reads novels, College Councillor.

### GURLOCHAN SINGH

c/o S. Dharam Singh, Headmaster, Khalsa High School, Kurali. Distt. Ambala.

Possesses a muscular body. "Hercules" of our class. Has a large circle of friends. Patient listener and rationalist Plans to go to States. Plays hockey and football. Interested in riding and gardening. Distinguished in weight lifting and free style swimming

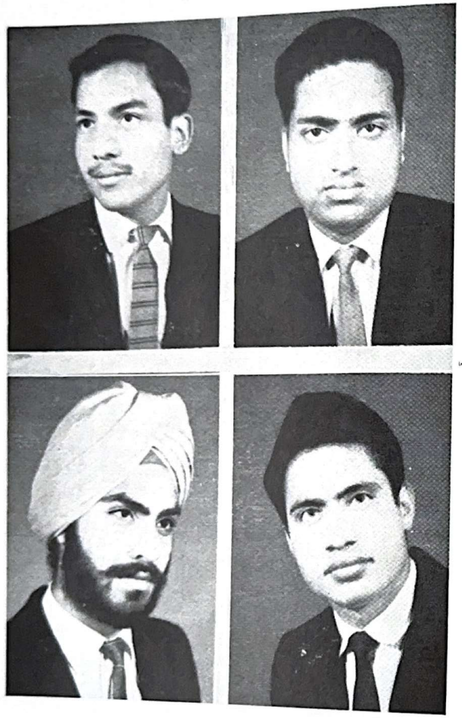




### HAKAM RAI GUPTA

c/o M/s Sham Lal Balwant Rai, Railway Road, Jagroan Mandi.

Very intelligent and prudent. Has a Philosophic bent of mind. More of an introvert than an extrovert. Keen participant in discussions. Play table tennis and volley ball.



## HARI RAM SINGLA

c/o M/s Sat Dev Hari Ram, Commission Agents, Sangrur.

Good advertiser of "drainpipes" and 'talcum powder'. Fond of promenades and late dinners in the hostel. A popular singer at College functions. A good athlete and gymnast. N. C. C. Cadet. Plays table tennis and billiard; basket ball and badminton. Boating, hiking, and photography are his hobbies Enjoys morning walk.

## JASBIR SINGH BHATIA

c/o S. Kirpal Singh, 351/L, Model Town, Ludhiana.

Sincere friend and hardworking. Brilliant student and keen sportsman. Popular gymnast. Member, Radio and Driving clubs. Plays hockey and badminton. Enjoys nature. Limited interest in photography.

## HAR GOPAL GUPTA

c/o Sh Raghu Nath Sahai, Headm
P. H. High School, Rupar. Distt. A

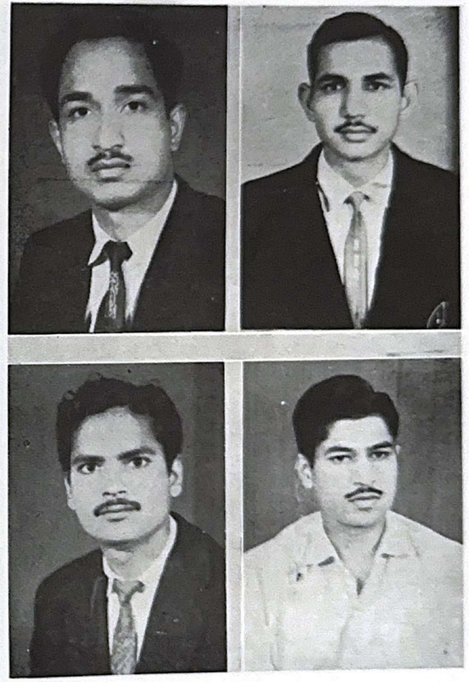
Possesses a well built body. So
and friendly. Interested in voca
instrumental music, boating, hikin
swimming. A good photogr
Member Radio Club.

## JAGAN NATH

c/o Sh Ram Narain, Soap Store,
Delhi Gate, Hissar.

Reserved and cautious. Loves pu
Plays volleyball and badminton.





## JAI BHAGWAN KAUSHIK

c/o Shri Benarsi Dass, V. & P. O. Babyal, District Ambala.

Interested in religion, philosophy and psychology. Has a brilliant career to his credit. Believes in simple living and high thinking. Loves nature and has keen aesthetic sense.

## KRISHAN LAL CHOPRA

c/o Sh. Sardari Lal Chopra EL 211, Panj Pir, Rasta Mohalla, Jullundur City.

Mild and unassuming. Has a developed sense for humour. Likes film songs. Plays cricket and volleyball, carrom and table tennis.

## KASTURI LAL GUPTA

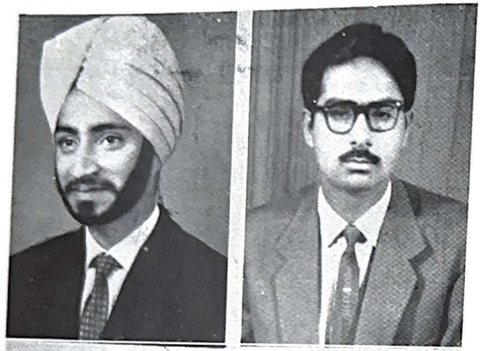
House No. 400, Mohalla Dharampura, Qadian, Distt. Gurdaspur.

Very intelligent and industrious. Always willing to help. Captained college volleyball team. Plays badminton and basketball as well. Secretary Welfare Committee. Member Students Executive.

## KRISHAN KUMAR GUPTA

3, Mount View Road, Nangal Towhship.

Smart and active. A friend in need. Reads extensively. Naturalist and keen photographer. Plays squash and billiards. Dominates conversation.



### LAKHBIR SINGH VIRDHI

c/o S. Rai Singh Virdi, House No. 621 3, S. Mahna Singh Road, Amritsar.

Social and gentle. Able organizer of tours. Possesses an analytic mind. Brilliant student. Interested in music. Plays badminton and tennicoit. College Councillor. Hobbies—painting, sketching and engraving.

### MOHINDER PARTAP RA

129, Model Town Ludhiana.

He forced things his own way on cricket field and no where else. Es by nature. His escaping media matinee shows and aimless visits "Haunted Square". Dabbler in poetry. A keen sportsman. He captain of college cricket eleven he had the distinction of winnin the college, the first ever Technical College, Trophy.

### MADAN LAL BAVEJA

c/o Shri Bhag Mal, Cloth Merchant, V. & P. O. Raipur Rani Via Naraingarh, Distt. Ambala.

Sober and sincere. Loves studies and social work. Interested in pen friendship and Magazine reading. Plays volleyball and badminton.

### MOHINDER S. RANDHA

S/o S. Shiv Singh, V. & P. O. Jiwan Wal Distt. Gurdaspur.

Intelligent and regular. A rare co nation of poet and athlete. believer in dogmatism. Interest litrature and music. Plays badmi volleyball and tennicoit. Distingu athlete and College Councillor.



### MAHAVIR MAHESHWARI

Mulakh Raj & Co, Whole-sale Cloth Merchants, Mansa

Jack of all trades, but master of none. Has the gift of the gab. Interested in political discussions. Plays badminton and tennicoit. Member Students Executive and Employment Bureau.



### MADAN LAL SACHDEVA

c/o M/s Krishan Kumar Raj Kumar, Raghunath Bazar, Jammu (Tawi.)

Good physique. Interested in novel reading and songs. Very hardworking. Enjoys doing submission work. Sensitive and sentimental. Member, radio and driving clubs.

### NAVIN KRISHAN

c/o Sh. Kanwar Krishan S. E. Pb. State Electricity Board Jullundur.

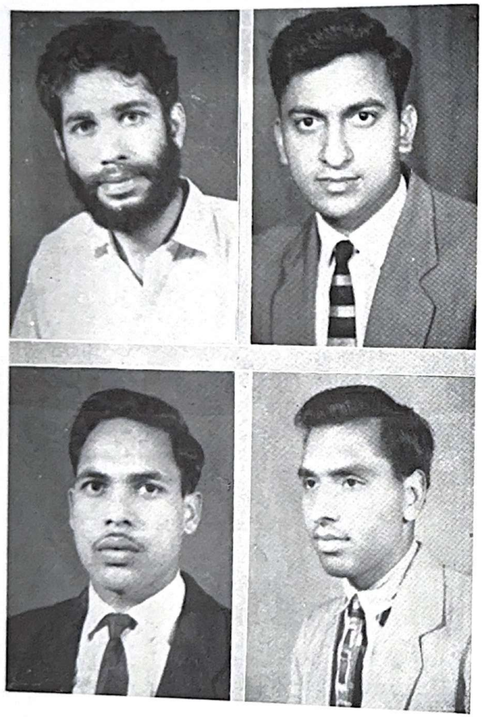
Very smart and handsome. Brilliant student but prominent back bencher. Possesses a quick and energetic mind. Secretary students club. Editor Pec Mag. Member radio club. Plays squash, table tennis and badminton. Hobbies—boating, hiking, philately and pen friendship.



### NARINDER MALHOTRA

10 J. Sector 11-B, Chandigarh.

Possesses an athletic built. A very smart N. C. C. cadet. A brilliant student having a penetrating mind. Plays football, cricket and badminton. Active member of Radio club. Appreciative reader of Pec Mag. Hobbies—boating and hiking.



**OM PARKASH SARIN**

c/o Shri Dhirat Ram, 144-B, Nashvilla Road, Dehra Dun.

A poet turned engineer. Loves music humour and Hindi novels. Converses with the "previleged few". Man of strict principles. Plays table tennis and tennicoit. Hobbies—long walks and hill trekking.

**OM PARKASH AGGARWA**

18-A, Railway Colony Amritsar.

Gentle and cool headed, Po known as "NATHI" Enjoys affect his fellows. Silent and subm Plays table tennis, volleyball badminton.

**OM PARKASH SINGHAL**

c/o Shri Gujjar Mal Singhal, Bhangar Bazar, Jagraon. Distt. Ludhiana.

Easily adaptable to changed circumstances. Likes paper head lines. Loves movies, Plays badminton and volley ball. Member, Radio Club.

**PAWAN KUMAR AGGARW**

c/o Sh. Chet Ram Aggarwal, V. & P. Sham Chaurasi, Distt. Hoshiarpur.

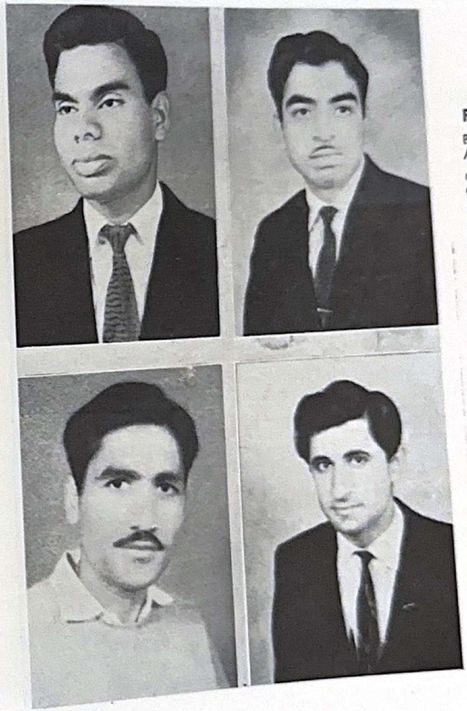
Good natured. Has a real and devel ed taste for humour. Pleasant con sationist. College Councillor. P badminton.



**PURAN LAL**

c/o Shri Khusal Chand, Village Bharhera P. O. Dehlawas Gulabpur, District Gurgaon. Tehsil Rewari.

Extremely regular and punctual. Early bird. Enjoys long morning walk. Cheerful and bears malice towards none. Brilliant and hardworking. Plays badminton, volleyball and table tennis. Hobbies—boating, hiking swimming and gardening.



**RAM SARAN ARORA**

Bazar Kesera, Opp. Hira Market, Amritsar.

Gentle and adventurous. Swimming Champion. Distinguished marksman. Secretary radio and swimming clubs. Plays tennis and squash. Hobbies—boating and hiking

**RAMESH KUMAR VIJ**

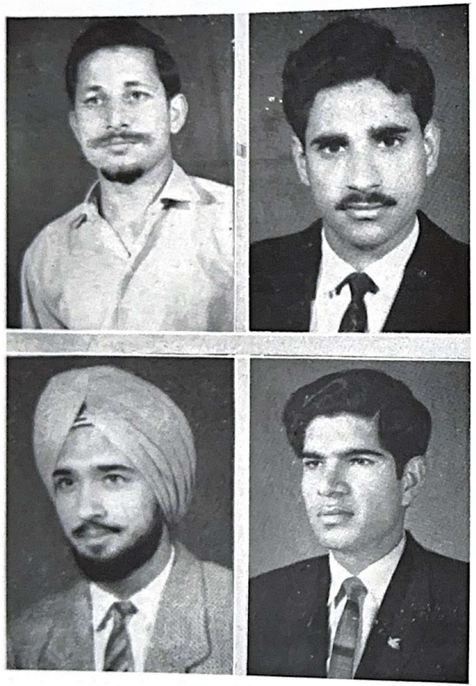
c/o Sh. Narsingh Dass Kapur (Land Lord), Shahbad Markanda, Distt. Karnal.

He has the haunch of doing all things with purpose. Very studious and Intelligent. Frequent visitor to college library. Cannot do without tea and coffee.

**RAJINDER PAUL SHARMA**

c/o Sh. Megh Raj, Civil Hospital Nabha.

Care free and open handed. Loves cycling and aimless wandering. Film fan. Plays table tennis and badminton. Hobbies—boating and hiking.



## RANDHIR SINGH JAMWAL

c/o Sh. J. S. Jamwal, Village Jandi, Tehsil Haranagar, Distt. Kathua, Jammu and Kashmir State.

An amateur in Engineering. Ardent lover of nature. His undaunted manner of living away and chivalarous approach to every thing made him the real 'chum' of all among whom he lived. Diligent and intelligent. Distinguished swimmer. He has numerous hobbies, the prominent ones being rowing swimming and hiking.

## RAJINDER SINGH BAINS

Village Akbarpur, P. O. Marauli Kalan, (Mcrinda) Distt. Ambala.

Simple and innocent soul. Unofficial cartoonist. Acclaimed athlete and sportsman. Captained College basket ball team. Possesses imaginative mind and queer sense of gossip. Plays all major games. Hobbies—boating and loitering around pleasure resorts.

## RAMESH CHANDER SHUKLA

c/o Sh. J, C. Shukla, Hind Iron Foundry, Railway Road, Batala.

An inquisitive mind and fancy lover. Film fan. Interested in boating and swimming. Bath room singer. Plays badminton and volleyball.

## RAJINDER PARSHAD VERMA

c/o Dr. Beshambhar Saroop, V. & P. O. Berhampur Distt. Hoshiarpur.

Keenly infatuated with University Syllabus and College prospectus. Distinguished student. Plays table. tennis, badminton and volleyball. Member Boating and Radio Clubs College Councillor.



## SURAJ KRISHAN MEHTA

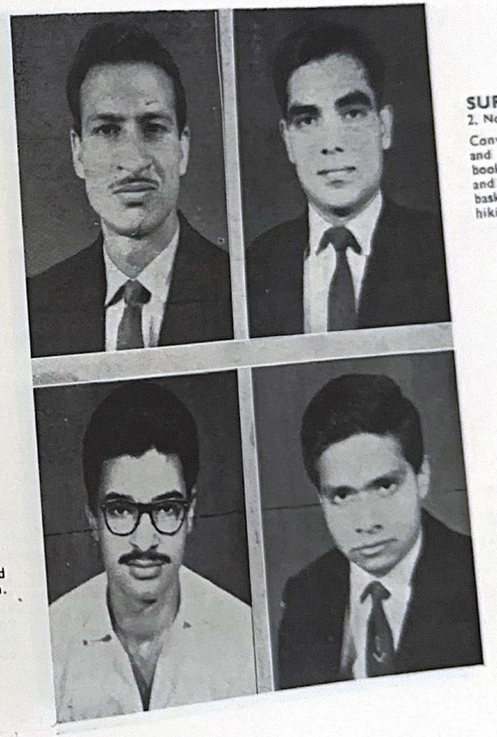
W. B. 92. Pir Bodela Bazar, Jullundur City.

Wears a characteristic smile. Exhaustive reader of the Tribune and Engineering Economics by Tara Chand. Favourite pastime—midday siesta. Plans to settle down to a quiet life.

## SATISH MALHOTRA

19:B F, Sector 16, C handigarh.

"Kingly" nature. A keen sportsman and member of the College crickets eleven. Interested in art and literature.



## SURESH KUMAR KHANNA

2, North End Road, Delhi—6

Convincing conversationist. Intelligent and does not pore too much over books. Interested in general reading and pictures. Plays tennis, squash and basket-ball. Hobbies—boating and hiking.

## SHIV KUMAR SHARMA

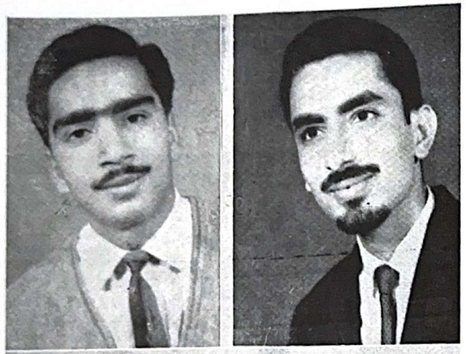
c/o Pt. Mahesh Bal, Office of A. I. G. G. R. P. Pb., Ambala Cantt.

Gentle and innocent. Well behaved. Frank and Friendly. Interested in literature. Plays table-tennis and tennikoit.

**SURINDER KUMAR BHATIA**

2754, Mohan Nagar, Sultan Wind Road, Amritsar.

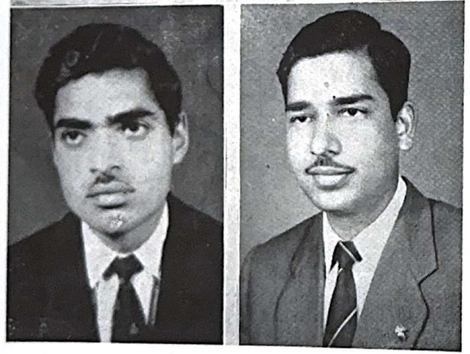
His stocky built justifies his "stocky" approach to the dishes and dainties. A true disciple of 'Epicure". Imbued with social sense. His conversation ranges from mending a boot to making a space suit. Plays squash and tennis Secretary, Boating and Hiking Club.



**SURJIT SINGH MAHIL**

V. P. O. Mahil Gaila, Distt. Jullundur.

Cheerful and optimistic. Possesses a keen mind. A noted draughts player. Interested in short - stories and novels Plays volley ball and cricket.



**SURINDER KUMAR ARYA**

F-417, Karampura, New Delhi-15.

Popularly known as 'USTAD' Has a high value of I. Q. Interested in current events and novel reading Plays tennis and badminton. Hobbies—boating, hiking, swimming and photography.

**SURESH KUMAR MITTAL**

c/o Dr. O. P. Mittal 55, Sampatroo Colony, Race Course Road, Baroda.

Emphatic conversationist. Jovial and social. Interested in Indian Art and Literature. Suited for a managerial post Plays T. T. billiard and hockey. Hobbies—hiking, novel-reading and boating.

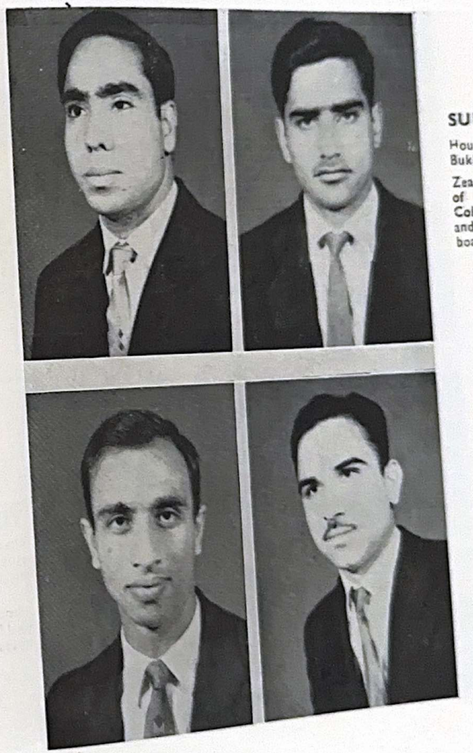


**SATYA PAUL KAPUR**

c/o M/s Bhisan Dass Narinjan Dass, Commission Agents and Cloth Merchants, Karmon Deorhi, Amritsar.

Popularly known as 'Pehalwan' Embodiment of patience, humility and tenderness, interested in Magazine reading and short stories. Plays volleyball, football and table-tennis. Hobbies—painting and hiking.

**SURINDER BHATIA**



**SUNDER SHYAM DUA**

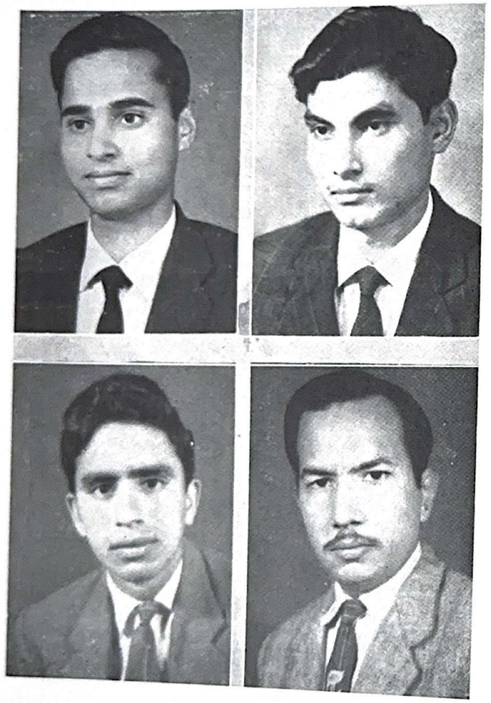
House No C.86, Near Haveli Bukhshian, Kaithal Distt. Karnal.

Zealous and devoted student. Winner of college hockey colour. Captain College Hockey Eleven. Plays football and volleyball. Hobbies—novel reading boating and hiking.

**TILAK RAJ BHALLA**

9/13, South Patel Nagar, New Delhi.

Whistling genius. Lovable companion. Interested in singing, dancing and Magazine reading. Plays chess, draughts, carrom, volleyball and football. Hobbies—cartoons, swimming and excursions.



**VIJAY KUMAR GUPTA**

c/o M/s Raj Lakshmi Mills (Regd.) Ludhiana.

Sincere and conscientious student. Very hardworking. Interested in Hindi novels and long walks. Plays volleyball, badminton, T. T. and carrom. Member, Radio and Boating Clubs.

**V. SHARMA**

c/o Shri Sahib Dial, N. E. W. Mills, Dhariwal.

Frugal and care-free. Sensible and friendly. Distinguished swimmer. Member Students' Club. Plays hockey, volleyball and basketball. Hobbies—novel reading and photography.

**VIRINDER KUMAR SOOD**

c/o Sh. Amar Nath Sood, Flex Agency Rupar, (Distt. Ambala.)

Sensible and understanding. Respectful and commanding. Interested in political discussions. Plays hockey, badminton, table tennis and carrom. Hobbies—boating and swimming. College Councillor.

**VIJAYA KUMAR VIKRANT**

c/o Shri Jagan Nath Aggarwal, Id Gah Road Ambala Cantt.

Popularly known as 'CHACHA'. Famous for his chatter and Bolian. Expert photographer. Interested in philately and driving. Plays badminton. Mess member. Immediate Plan—marriage.



## CIVIL ENGINEERING SECTION

## Message

### Sh. P. C. Bhasin

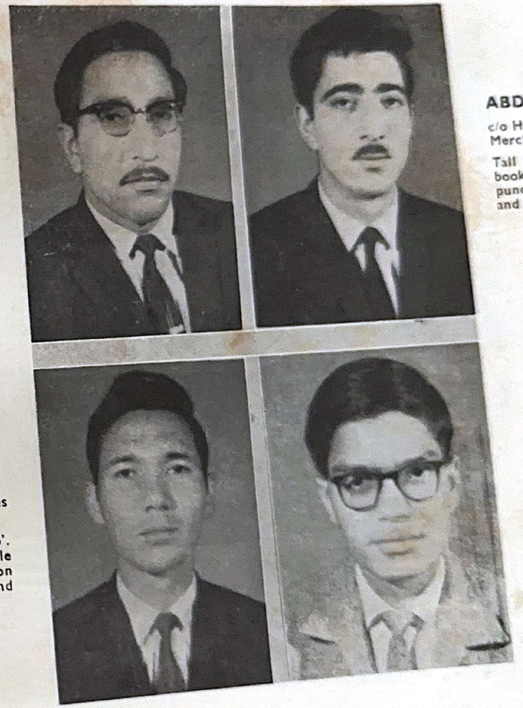
*Associate Prof. of Civil Engineering*

Engineers' is the pivotal position in the country's struggle to win the war against poverty and want. Our profession, gentlemen has a very vital role to play in the overall life and economy of the country. It is our privelege to serve the nation. I can only say that wherever you are employed, whether in a Govt. Department, a contracting firm, a production or a fabrication workshop, or in an engineering college please remember that you owe your employer, at least, a fair day's work, a harmonious relationship with your associates, a willingness to accept constructive criticism, a sense of loyalty to the organisation, a respect for the organisational structure and therefore always staying within channels.

I wish you all, every success and will always deem it a privelege to be of any assistance to you.

(P. C. BHASIN)





**ABDUL AZIZ AHANGER**

c/o A. Munawar Joo & Sons, Hazari Bazar Rainwari, Srinagar, Kashmir.

Handsome and sober. Gentle and genial, smiling and cheerful face.

**ABDUL RASHID KANTRU**

c/o H. Ali Joo Abdul Rashid, General Merchants, Baramula, Kashmir.

Tall and impressive. Has passion for books and photography. Regular and punctual. Chain smoker. Loves cards and horse riding. Plays volley ball.

**AMAR NATH**

c/o Chandra Bhaga, General Stores Manali, District Kangra.

Ardent believer in 'work is worship'. Captain Padder tennis. Plays table tennis and volley ball. Hobbies—fiction reading, photography painting and music.

**ANAND SWARUP**

c/o Shri Ram Bilas, 20, Patel Park, Ambala Cantt.

Gentleness and tolerance personified. Anand Ji was the most liked student. Brilliant and hardworking. Carrom Champion.

PUNJAB ENGINEERING COLL. LIBRARY CHANDIGARH





## ARUN KUMAR

c/o Mr. Mathura Dass, Civil Lines, Dharamsala.

Passionate for philosophical studies, he has admirable sense of humour and logic. Plays carrom, table tennis, badminton and tennicoit. Was Tenicoit Champion. Hobbies—novel reading and study of occult sciences.

## ASHOK KUMAR PUNIA

Village & Post Office Jhal, Via Kosli, District Rohtak.

His poetic talent made him very popular amongst us. Distinguished N. C. C. cadet and marksman. Plays tennis and badminton. Hobbies—music and shooting





## ATMA RAM KUMAR

c/o M/s Baluram Mohan Lal, Abohar (East Punjab)

Kumar is a friend in need. Cheerful companion. Gentle and social. Plays squash and badminton. Hobbies— letter writing, photo album and boating.

## AVTAR SINGH SANDHU

5, Jantar Mantar Road, New Delhi.

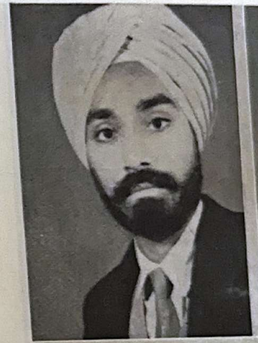
Tactful chap. A gile and vibrant with youthful enthusiam. Young shikari and horse rider. All rounder. Secretary Projection club. Plays basket ball squash and badminton. Distinguished swimmer. Loves calm and solitude.

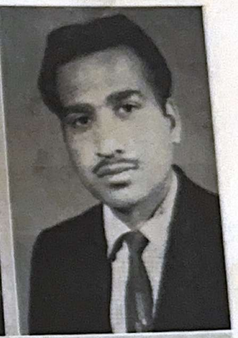


## BALDEV SINGH MANN

c/o S. Gurbachan Singh, Nanak Nagri, Moga, District Ferozepur.

Supple and pliant, Has a good English vocabulary. rlays badminton and tennicoit.





## BALWANT RAI BANSAL

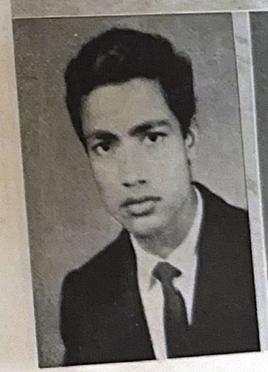
c/o Shri Jagdish Rai Gupta, B. A. B. T., S. D. High School, Moga.

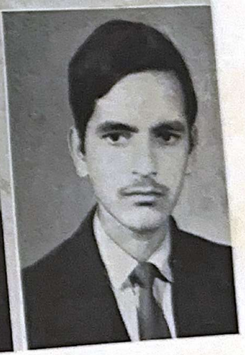
Brilliant academic carrier. Possesses an impressive gait. Interested in research and teaching. Regular contributor to PEC MAG. Plays badminton and volleyball. Photography is his hobby

## BIHARI LAL CHOWDHARY

Village Tharu, Post Office Nagrota Bagwan, Tehsil and District Kangra.

Social and amiable. Interested in hiking and photography. Straight forward and good at heart.

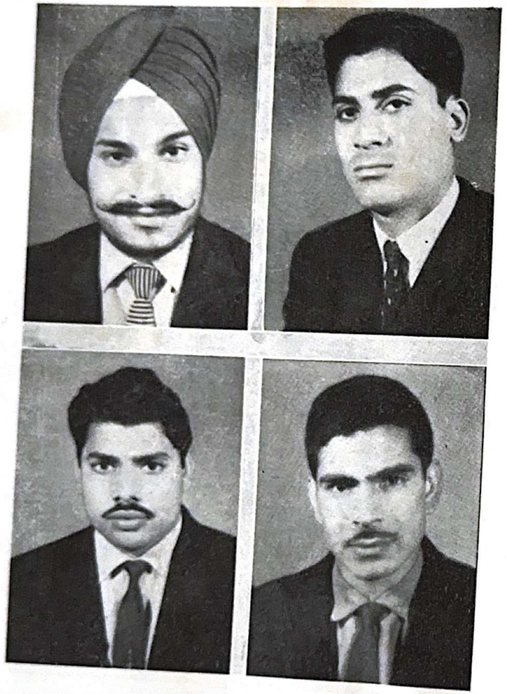




## CHETAN WALIA

c/o Shri Sunder Lall Ahluwalia, Advocate, Bungalow No. 6-A, Sector 9-D, Chandigarh.

Simple and popular. Regular and hard-working. Interested in music, driving and photography.



**DALJIT SINGH**

N. M. 405, Gopal Nagar, Jullundur City.

Simple and gullible. Keen lover of beauty. Good palmist (though inadequately exploited). Interested in Banjo and Psychology. 'Expert' Block Prefect Plays cricket, badminton, carrom and T. T. Hobbies—swimming and photography.

**DHARAM SINGH**

Village, Haibo, Post Office Gharotta, District Gurdaspur.

Popularly known as PAHELWAN. Industrious student with refined manners. Popular anchor in Tug-of-war Mess Secretary.

**DAYA SAGAR PUNNI**

c/o Punni Opticians, Opposite Raikhy Cinema, Ludhiana.

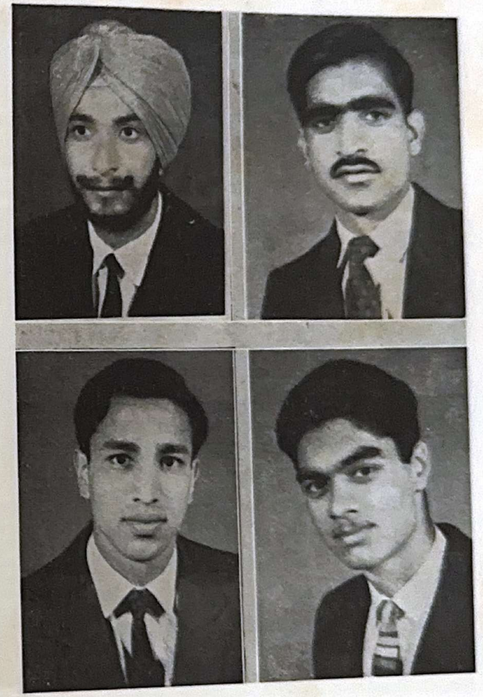
Happy and friendly. Frank and logical enjoys morning walk, picnics and pictures. Plays Football, Hockey, Vollyball and Badminton. Consolation prize winner Hobbies—Photo collection and English poetry.

**G. L. SETHI**

117, Sati Street, Roorkee.

Has varied tastes and vast knowledge. Passion for growing beard. Frank and noble hearted. N. C. C. cadet. Interested in aimless talks, yogic asanas, fancy dress. Able commentator. Plays Hockey, T. T. and Draught.





**GURPAL SINGH GREWAL**

Village & Post Office Guara, Via Amargarh, District Sangrur.

Possesses an impressive personality and matured thinking. Well known for his elderly advice. A potential leader and an expert palmist.

**HARDEY NATH ZAROO**

c/o Shri Janki Nath Tufchi, Drabiyar IInd Bridge, Srinagar. (Kashmir)

Serious and hardworking. Sincere and honest. Talkative. Interested in swimming, photography, horse riding. Plays hockey, football, T. T. and carrom.

**HANS RAJ MEHTA**

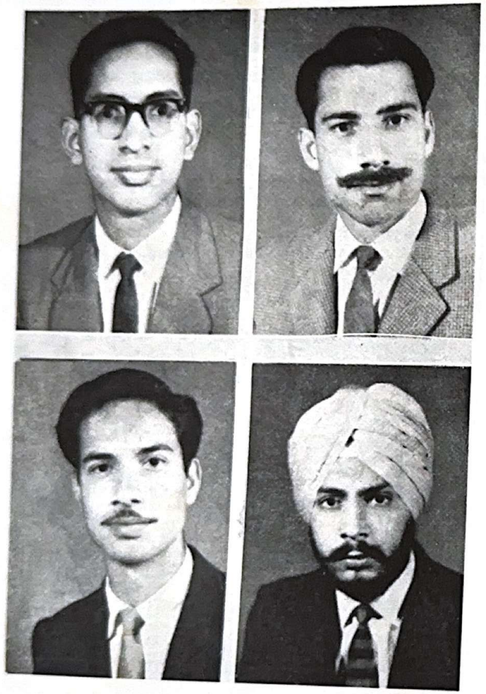
c/o Mehta Bhawani Dass, Gera, V. & P. O. Bhirrana, Tehsil Fatehabad, Distt. Hissar.

Mild mannered and submissive. A friend in adversity. Sympathetic and noble hearted. Interested in cards and carrom. Plays badminton.

**HARISH CHANDER BHATIA**

383-B Burt Road, Ferozepur Cantt.

Gentle crooning voice suggesting inward serenity. Veteran singer and dramatist. Has miraculous adaptability. Plays T. T. and badminton. Hobbies—travelling and letter writing.



**ISHWAR CHANDER GARG**

c/o Dr. Murli Dhar Aggarwal, Garg Bhawan, Sant Nagar, Rohtak.

Serious and disciplinarian. Interested in gossiping, roaming, swimming and photography. Good entertainer. Plays carrom, T. T. tennicoit and badminton.

**JAGDISH CHANDER ANAND**

c/o Prof. B. R. Sethi, 232-Model Town, Panipat.

Lends joy and humour to his companions Bold and outspoken. His broad and brown moustaches add to his personality. Impressive under officer in N. C. C.

**JAGDISH LAL BHOLA**

21 F, Sector 15 B, Chandigarh.

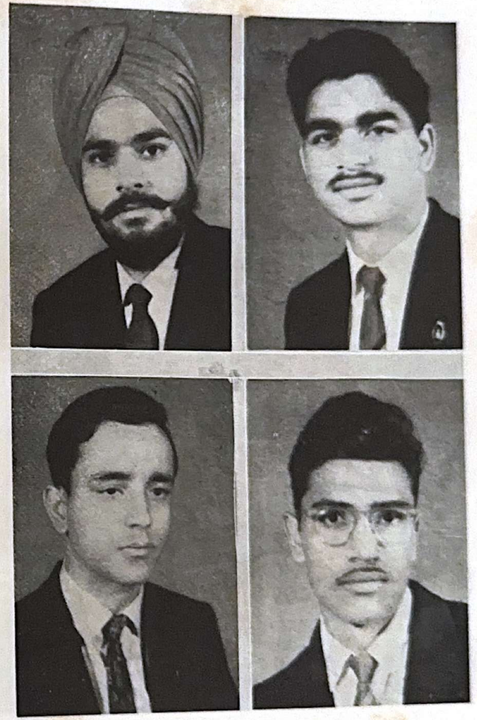
Lanky youth with a sweet tone. Reliable friend with an industrious nature. Interested in Urdu poetry, pen friendship and philosophy.

**JAGJIT SINGH BAGGA**

22, Dayanand Nagar, Lawrence Road, Amritsar.

Meek, humble and straight forward Badminton skipper. Hobbies—novel reading and excursious.





**JAGJIT SINGH SODHI**

House No 18, Street Kharadian, (Distt. Jullundur )

Famous for his 'BOLLIAN' and 'BHAN GRA. Sweet and good natured Vociferous opponent Plays football and volleyball. Interested in novel reading.

**JAGMOHAN SINGH JASWAL**

House No.3, Street D, Sector 7 C, Chandigarh.

Popularly known as 'CHACHA'. Gem among his friends. Tolerant and understanding N. C. C. cadet. Plays volley ball, T. T. and badminton.

**JOG RAJ BAGHLA SOOD**

V. & P. O. Rajpur, District Kangra.

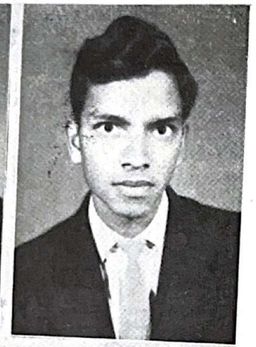
Very amiable and cheerful. To enjoy his sweet voice, one has to wait till he is free from worries (or clothes as in bathroom.) Plays padder tennis, T. T. and carrom.

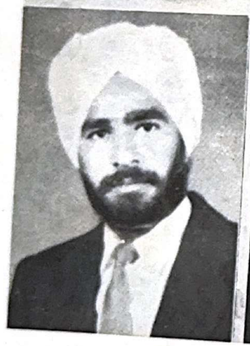
**KRISHAN GOPAL SAINI**

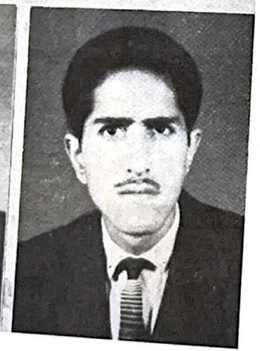
c/o Sh. Ishar Das Saini, Headmaster, Government Higher Secondary School, Pathankot.

Extensive and intensive friend. Shuns artificiality and loves nature. Philanthropist. Ace runner.









## KRISHAN GOPAL AHLUWALIA

Kahnuwan, District Gurdaspur.

Impressive personality and has a characteristic tone. Ahluwalia is a long name and his friends affectionately omit 'walia' out of it. Interested in photography, sex literature and 'hot novels' Plays volley ball and badminton. Sharmdan Prize winner.

## KUL BHUSHAN

25, Shop-Com-Flat, Sector 7-C, Chandigarh.

'Kulu' is intelligent and hardworking. Talks in shrill tone. Plays T T, carrom, cricket and chess. Hobbies—boating, swimming and detective novels.

## LABH SINGH BHAGRATH

c/o S. Nikka Singh Bhagrath, V & P. O. Sandhuan, Via Chamkaur Sahib, District Ambala

Simple and noble soul. Interested in novel reading and Punjabi language. He confined himself usually to his room.

## MANMOHAN BUDHIRAJA

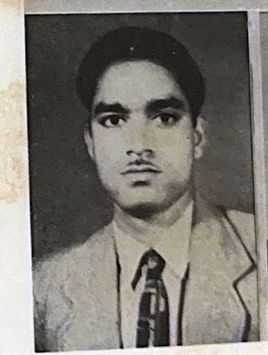
House No. B-IV 819, Wait Ganj, Ludhiana.

Gentle but of exclusive nature. Has unsurpassable interest in films and film stars. Happy-go lucky fellow.











## MOHINDER SINGH BANSAL

c/o Shri Ripudaman Singh Bansal, near Canal Rest House, Ludhiana.

Always smiling and cheerful. Tall and handsome. Plays cricket, badminton and tennicoit. Interested in novel reading and painting.

## NAV RATTAN SINGH YADAV

c/o Shri Raghunath Singh, Railway Contractor Bandikui (W. R.).

Famous for his guffaw. Regular and hardworking. Interested in music and excursions. Plays tennicoit, football and volleyball.

## OM PARKASH GUPTA

c/o Shri Daya Ram Vaid, V. & P. O. Nurpur, Distt Kangra.

Studious and co-operative. Has a large number of friends. Interested in gossip and excursion.

## OM PARKASH SHARMA

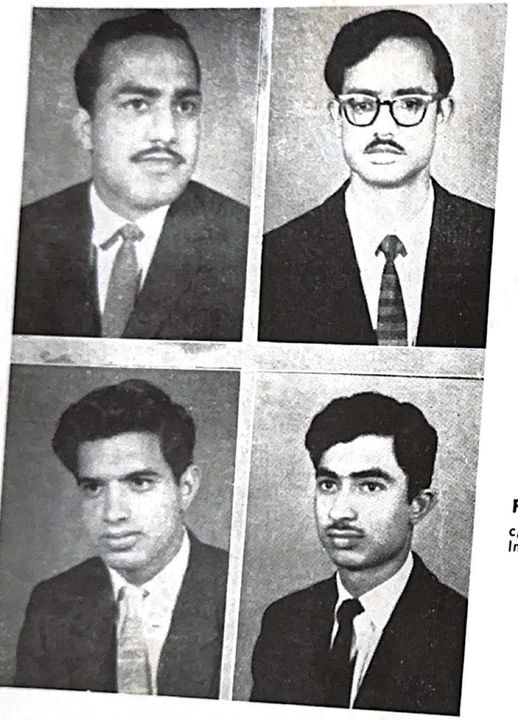
c/o Patwari's House, 3435/9, Quilla Bhangian, Amritsar.

Extensive traveller and intensive reader, Sharma compares with none in orthodoxy. Loves to see great men from all walks of life. Ambitious and energetic. Plays chess and volleyball. Favourite pastimes—hero worship and news paper study (from one of his own angles).

**PARSHOTAM SAROOP VASUDEVA**

c/o Pt. Amin Chand, V. & P. O. Sasoli, Tehsil & Distt. Hoshiarpur.

Popularly known as 'Panditji', he is a thorough gentleman. Has histrionic talent. Famous for his 'SONKIN'—like quarrels with Atma Ram.



**RAJINDER LAL KUKKAR**

c/o M/s Kuljas Rai Bhim Sain, Cloth Merchants, Street No. 12, Abohar (Distt. Ferozepur)

Intelligent, selt-confident and strong willed. Good singer with sweet thrilling voice. Plays T. T.

**RAJINDER KUMAR KAKAR**

c/o W. R. 418, Kakar Niwas, Basti Sheikh, Jullundur.

'Boss' of his friends. Social and sweet mannered. Interested in poetry and story writing. Member football team.

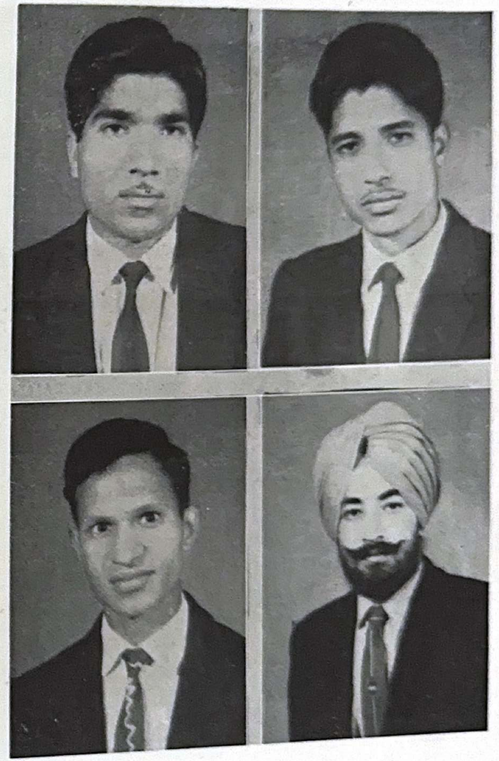
**RAMESH CHANDER VIJ**

c/o Sh. Diwan Chand, Katra Beli Ram, Inside Hathi Gate, Amritsar.



**RAM CHAND**

N. G. 34, Parbhat Nagar, (Gazi Gulla), Jullundur City.



**RAM PAL CHATRATH**

c/o Sh. Panna Lal Chatrath, Jandiala Guru, Distt Amritsar.

**RAM SAROOP GUPTA**

c/o Dr. Amar Nath Gupta, G. T. Road, Karnal.

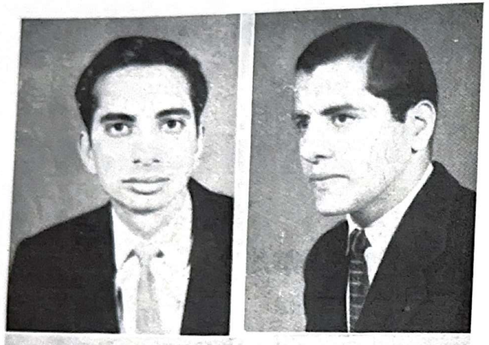
Simple and hardworking, Plays T. T. and carrom. Interested in swimming

**RANDHIR SINGH SOIN**

c/o S. Harbinder Singh, 9-F, B-136, Sector 22-A, Chandigarh.

Intelligent and brilliant. Attractive personality.

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**RAVINDER LAL MALIK**

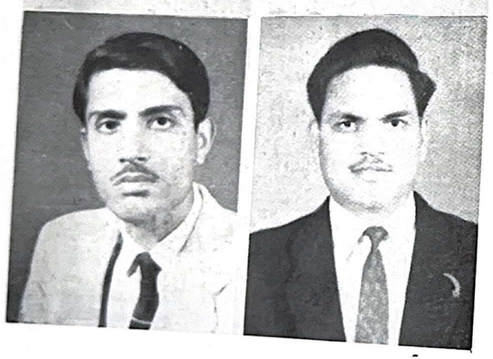
c/o Shri M. R. Malik, Advocate, Civil Lines, Rohtak.

Possesses magnetic charm. Very intelligent. Interested in Tennis.

**SATISH CHANDER KANOTRA**

c/o Sh. Ishar Dass Kohli, Pakka Danga Jammu (Tawi).

Elegantly dressed. Popular contributor to PEC MAG. Interested in photography, stamp collecting and hiking. Plays badminton and tennis



**SATISH KUMAR SOOD**

c/o Shri Ram Parkash Sood, Office Superintendent, Punjab Engineering College, Chandigarh.

**SHIV DARSHAN LAL**

c/o Sh. Kanwal Nain Advocate, Bholath District Kapurthala.

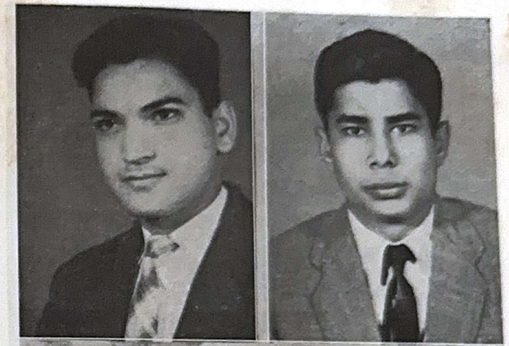
Pleasing gentle nature and wears a winning smile. Interested in water sports. Plays volley ball and basketball.



**SUBHASH PARKASH MEHTA**

c/o Sh. C. P. Mehta, Firgrove, Simla-1

Brilliant academic career. Enjoys bridge at all hours and places. Good at chess. Interested in scoreboard and sex literature.



**SUDARSHAN K. RASWANT**

c/o Malik Jiwan Dass, 666, Satya Niwas Sukhram Nagar, Ludhiana.

Diligent and intelligent. Our 'Poet laureate. Interested in Psychology and Philosophy; current events and pen-friendship. Advocate of sex education. Editor 'PEC MAG.' Plays badminton and padder tennis.



**SUSHIL KUMAR GUPTA**

c/o Professor Raja Ram, Principal, S. D. College, Pathankot

Popularly known as 'Dana'. He has already been selected in army. Sweet companion. Plays squash and tennis.

**SOHAN SINGH GHALI**

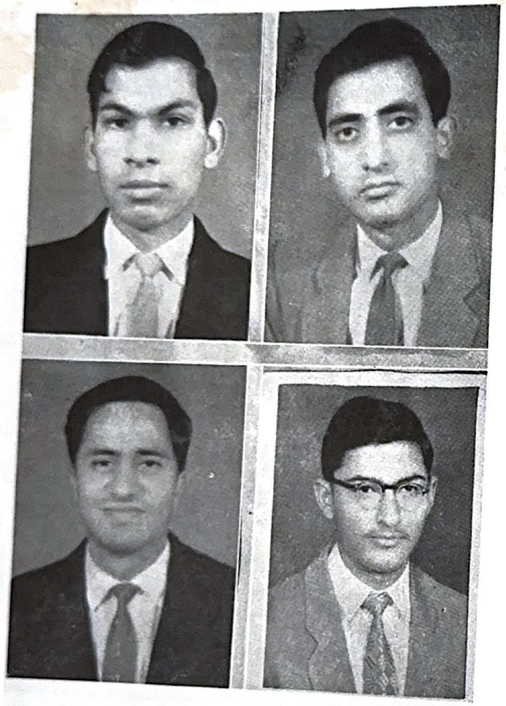
c/o Dr. Sucha Singh V. & P. O. Ghal Kalan Tehsil Moga, Distt. Ferozepur.

Unassuming and sweet nature. Simple and adaptable. Hates flambuoyance.

**VAS DEV GUPTA**

House No. 15/9-J Sector 11-B, Chandigarh.

Excellent career. Amiable disposition. Draught champion 59 60. Plays chess, tennis and badminton. Interested in fiction and boating. Member Student's Executive.



**VED PARKASH DHINGRA**

394 ❶ Model Town, Jullundur City.

Very hardworking and intelligent. Smart and active. Plays padder tennis and cricket.

**VED PARKASH MONGRA**

c/o Master Labhu Ram V. & P. O. Ichi Tehshil and Distt. Kangra.

Minds his own business. Interested in novel reading and palmistry.

**VASUDEV MIGLANI**

Near Partap Talkies, Rohtak.

Sincere and studious. Devoted friend. PEC MAG cartoonist and successful contributor (won first prize). Interested in gymnastics and padder-tennis. N. C. C. cadet. Hobbies—painting and photography.



# POST - GRADUATES

## HIGHWAY ENGINEERING SECTION



Prof. R. C. Sharma

# Message

## Sh. R. C. Sharma

*Prof and Head of Highway Engineering*

Emphasis on post-graduate work in engineering is relatively new in this country. One of the main advantages of the post-graduate course is that, generally for the first time, it provides time to think. Throughout there is the maximum of informal discussion among the students and staff. Each student is required to write a first-class dissertation or thesis and thus there is proper incentive to research.

Civil Engineering essentially is site work. That is the focus to which all the design and research must be directed because that is where the battle against the nature is fought. Therefore I suggest, contact with site conditions should be essential preliminary to research or post-graduate work.

(R. C. SHARMA)





**C. B. MATHUR**

Executive Engineer, P. W. D (B & R)
Bhilwara (Rajanthan.

Interested in hiking, general reading and photography. Plays hockey, and badminton.



**DALIP SINGH SAINI**

Mohalla Sarain Pathankot.

Interested in hiking and Urdu poetry. Plays cricket and tennis.



**GURLAL SINGH TANDON**

Executive Engineer, P. W. D. (B & R), 21/7 F. C, Sector 16-A, Chandigarh.

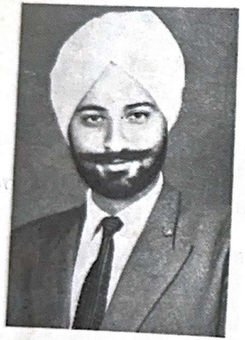
Interested in hiking and photography. Plays tennis and badminton.



**K. K. SHARMA**

S/o Sh. Rikhi Ram. Retired Headmaster, House No. 2123. Gurdwara Road. Rupar (District Ambala).

Member College Hockey XI (1960-61) Sports Secretary (1960-61).



**LAKHBIR SINGH TULI**

2-A, Sector 9-D, Chandigarh.



**PRAN NATH KACHROO**

"Kacherson", R. N. Temlpe, Street 2nd/3rd Bridge, Srinagar.

Plays hockey, football and cricket.

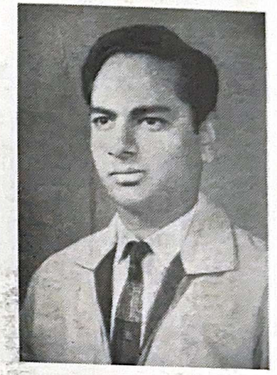




**SURINDER KUMAR**

143, Model Town, Jullundur City.

Our cricket star. Plays table tennis and bridge. Interested in music and novel—reading



**SURINDER MOHAN**

N. C. 212, Kot Kishan Chand, Jullundur City.

Deeply interested in music. hockey, football, billiard and T. T.



**T. S. REKHI**

Asstt. Professor, Guru Nank Engineering College, Ludhiana.

Plays cricket and badminton. Hobbies — photography, novel-reading and playing cards.

# At Home to Outgoing Graduates

Students of the Final Year Class were entertained to an "At Home" by Mrs. and Principal R. L. Khanna on June 10, 1962. The programme was quite interesting. Members of the Staff were also present.

Principal Khanna gave useful advice to the students as to how they should conduct themselves after leaving the Institution so as to bring glory to themselves and the Institution. He laid particular emphasis on good health, good character and honest and efficient work. He was hopeful that the students will live upto the pledge they had given. He spoke at great length of the efforts made by the Institution to equip them with the right mental attitude to problems which they had to face in the discharge of their professional duties. He wanted the students to apply their knowledge in right channels and for the progress and welfare of the country. He wanted them to realize that a glorious future lay ahead for them only if they worked for it with unflinching determination.

Although the idea of parting was sad for him as well as the students, Principal Khanna expressed satisfaction at the fact that all the students, whom he loved like his own sons, would henceforward stand on their own legs and had become self-supporting. This feeling of satisfaction at having done his duty gave him a sense of pleasure which overcame the sadness occasioned by parting.

Principal Khanna further asked the students to maintain their contacts with the Institution and the PEC MAG. In the end, he wished them good luck in their future careers.

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# Parting Words

Now that the students of the Final Year Class are about to leave the college, we wish them a successful career and a robust health. We, however, trust that they will continue to maintain their links with the PEC MAG. Equipped with the experience gained outside, they will be in a better position to write articles for the PEC MAG so as to raise its standard still higher. We thank them for the cooperation they extended us during their stay here.

*—Editors*

## ANNOUNCEMENT

This is to inform all the old students of the college that copies of the PEC MAG will be sent them as and when they are published. To ensure their copy, they are requested to write to the following address in the months of OCTOBER and MARCH every year :—

Chief Editor
The PEC MAG
Punjab Engineering College
Chandigarh

The old students are requested to mention their present mailing address in all their communications in this connection.

*—Editors*

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