

RAJNEESH KANT SACHDEV

PERMANENT ADDRESS : 21, Kalia Colony, Phase-II, Amritsar
Bye Pass, Jalandhar
TEL 0181-2604045, 9478098021

MAILING ADDRESS : 21, Kalia Colony, Phase-II, Amritsar
Bye Pass, Jalandhar

FATHER'S NAME : Sh. Tej Paul

DATE OF BIRTH : September 09, 1964

DETAILS OF TECHNICAL & PROFESSIONAL QUALIFICATIONS:

QUALIFICATION	FACULTY	UNIVERSITY	MARKS OBT. (%)
B. Tech.	Agril Engg.	P.A.U.- Ludhiana	72.00
M. Tech.	Sugar Engg.	P.A.U.- Ludhiana	78.00
M.B.A.	Finance	IGNOU- Delhi	'B' Grade
Ph.D	Processing and Food Engineering	P.A.U- Ludhiana	82.40

DETAILS OF PROFESSIONAL EXPERIENCE:

COMP/CORP/INDUSTRY/UNIVERSITY	CITY	STATUS	YEARS OF SERVICE
Punjab Technical University	Jalandhar	Deputy Dean	10 years
Oswal Agro Furane Limited	Bhasaur, Dhuri	Process Engineer	Two years
The Fazilka Co-Op Sugar Mills Ltd.	Fazilka	Asst. Engineer (Mechanical)	Seven years
The Zira Co-Op Sugar Mills Ltd.	Zira	Asst. Engineer (Mechanical)	Five years
The Tarntaran Co-op Sugar Mills Ltd.	Tarntaran	-----do-----	One year

Strong points :

Integrity, humanity, social objectives and effective communication skills

Weak points :

Individuality, sensitivity, avoids controversies .

PRESENT STATUS AND RESPONSIBILITIES:

Key responsibilities & contributions as Deputy Dean in Punjab Technical University

S.No.	Responsibilities assigned	Contribution made
1.	Preparation of tenders and agreement	Financial benefits were clearly visible as compared to previous orders eg. Answer books, hiring of tentage for CET counseling, photocopiers
2.	Advertising Agencies	Discount system initiated & financial benefits were clearly visible
3.	Reception and announcement in CET counseling	Image building of university by handling of people and queries
4.	Convocation arrangements	Image building of university by quality arrangements
5.	Committee member to recommend share of RLFC, LC and PTU	Ground work and performance related incentives were introduced
6.	Committee member to recommend the status of adhoc staff, handle grievance and suggest measures for regularization of adhoc staff	Ground work, increments to adhoc staff commenced after this report.
7.	Liason officer for S.P. Singh Committee to recommend and suggest measures for regularization of adhoc 'C' & 'D' staff	Maintained optimal balance among committee members, employees and PTU authorities. Maintained secrecy of the proceedings and attained confidence of all stake holders. The report paved the way for further progress on the issue.
8.	NSS in PTU affiliated colleges	Revived NSS in PTU affiliated colleges after long gap. Got the first time grant from Govt. of Pb. For NSS in PTU. University level camp was organized at Hari ke Patan (wet land) only one camp in history of PTU. Allocation of units was streamlined.
9.	Cultural activities in PTU affiliated colleges	Participation increased manifold, judgment level increased to significant level with maximum possible unbiasedness. Image building of university through participation at National and International level.
10.	Sports activities in PTU	Participation increased manifold. The level

	affiliated colleges	and unbiasedness improved a lot but still the desired level to be achieved. Infrastructure in may PTU colleges was developed. The idea of formation of sports council, NSS council and cultural council was executed successfully.
11.	Unnati Prayas Scheme, ONGC	Level of faculty was increased manifold, syllabus was updated by holding Board of studies. Study material distribution got streamlined. Discipline and regular classes improved. Unfair means reduced to significant level. Optimum rapport among students (executive of ONGC, mangament of ONGC and PTU authorities remain intact. Diploma course was introduced.
12.	Maintenance functions	Day to day maintenance is looked after by J.E. however, habit of rational decision making at J.E. level and honing of staff accordingly have been ascertained. At present independent maintenance function can be looked after by J.E.
13.	Establishment	Recruitment of Deans and subsequent advertisements have been executed successfully. At present cadre revision is on the way. Ground work and support along with documentation as per the vision of the authorities is being executed.
14.	Other administrative work related to Registrar's office	Preparation of agenda and minutes of various meetings eg. Sports council, NSS council and Cultural council have been prepared. Agenda and minutes of academic council and BOG of PTU was prepared as and when desired.

Manpower, security, housekeeping and other staff is being looked after. Streamlining is yet to be done, although efforts continued but due to constraints of hierarchy, infrastructure and extra workload the desired results could not be achieved.

Previous Status & Responsibilities

Previously I was posted as Assistant Engineer (Mechanical) with SUGARFED (Pb.). Being our head office at Chandigarh I was liable to be transferred to any of the 14 sugar units in the state of Punjab. My working units were Dhuri, Fazlika, Zira & Tarn Taran.

Indenting of materials with detailed specification, preparation of budgets for engineering department, invitation and preparation of tender forms with detailed terms and conditions, holding negotiations with different suppliers and others, finalizing the orders, preparation of orders and inspection of material exactly as per terms of order are the sub functions with which an engineer is involved to a great extent. I as M. Tech. and MBA

with ten years heterogeneous type of experience in different units have the capability to excel in all above mentioned sub functions. Being the confident of our Chief Engineer I was actively engaged in all these functions as there was no Deputy Chief Engineer in most of the units.

The main responsibility of an Engineer is complete control of maintenance function of the entire machinery of plant during season and off season. Preventive maintenance schedules to reduce the break down time were adhered by me as I had complete knowledge of maintenance management in theory & practice both. I am well conversant with the latest operation's research & technological upgradation tools & methods.

The better inter & intra departmental liaison is one of my duties as an successful Engineer rather as a technocrat. As an Engineer I had to make good liaison with Cane, Manufacturing, Accounts and Purchase Department within the unit.

Outside agencies like various sugar industry serving agencies, suppliers, mechanical and electrical contractors and trainees from technical institutions are to be handled by an engineer. As I had been considered as having excellent communication skills, I had always been asked by my superiors to deal with above mentioned outside agencies. In every deal the mills had been benefited to maximum possible extent.

In today's competitive and democratic environment labour problem is an obstruction for achieving efficiency. An engineer is the person at mid management level and he is the person who has to interact with technical man power to take maximum output from them. As a MBA I always use innovative human behaviour changing techniques to motivate the technical manpower to use their inherent talent to take maximum output from them. Many instances of compromises among different hierarchical levels are credited to my account. In record I always considered as having cordial relation with my seniors, colleagues and subordinates.

Additional qualifications/Experiences/Trainings/Seminars

1. Passed Advance Diploma in Management form IGNOU, Delhi
2. Passed Diploma in Financial Management from IGNOU, Delhi

Trainings and Seminars

1. I underwent a practical training in the field of tractor overhauling and servicing during my B.Tech. Programme for duration of 20 days organized by engineering college at Punjab Agricultural University, Ludhiana.
2. I have undergone an extensive full time training course on tractor and agricultural machinery of one month duration organized by Ministry of Agriculture and Rural Development at CENTRAL FARM MACHINERY TRAINING AND TESTING INSTITUTE, Tractor Nagar, Budni (M.P)
3. I have attended a specialized training course in Agro Based Industries of 15 days duration organized by directorate of extension education at P.A.U, Ludhiana.
4. I have undergone two days training in "quality based repair and maintenance in sugar industry" organized by Punjab Institute of Co-op. Training at their Chandigarh camp office.

5. I have undergone two days training in “Inventory control management and preventive maintenance” organized by PICT at their Chandigarh camp office.
6. I have attended two years training under the National Sports Organization Programme in Badminton during my B-Tech Programme.
7. I have attended twice the ten days training course of Yogasana and Pranayama conducted by Yogacharya of Yogavedanta forest academy at P.A.U, Ludhiana.
8. I have attended a seminar of one day organized by ESAB India Ltd. At Aroma Hotel CHANDIGARH on the topic of welding technology and latest trends in welding electrode industry.
9. I have attended a seminar of one day organized by Elecon Engineering Co. Ltd. At Shivalik View Hotel at Chandigarh on the topic of Gear boxes, Sugar weighing machines and magnetic separators.
10. I have attended twice seminar of one day organized by Triveni Business Group at Hotel Aroma, Chandigarh on the topic of Power Turbines & Alternators.

EXPERIENCES

- A. Oswal Agro Furane Limited Bhasaur, Dhuri (2880 tonne milling/day) was the largest paddy processing plant in Asia in which I started my career as process Engineer. At the time of my joining this plant was having its second season milling operations. The plant was got erected by American and German companies. After the close of season 1988-89 in 1989 the plant was to be modified by the American company “BERICO”, I was associated with American Engineers of “BERICO” Company for modifications in the plant. This experiences is vital for me which I got at the start of my carrier as an Engineer. Being the above mentioned plant a 100% export oriented plant, I went through the experience of advantages taken by the organization’s policies.
- B. The Fazilka Co-op Sugar Mill Ltd. (1250 TCD) plant was the only unit in Punjab Co-operative which started the crushing operations in time and continued the crushing operations in spite of total strike by the workers through out Punjab. In year 1996-97 the plant could start crushing operations with the managerial skill and hard work done by the engineering and manufacturing department as there was absolutely nil skilled technical man power available with the mills. During these twenty five days I worked Independently as Boiler Engineer and boilers did its operations with out any trouble. This was a unique experience which I had undergone and we had to work for continuously 48 hours as a team and our achievement was recognized through out Punjab.
- C. The zira Co-op. Sugar Mill Ltd. Zira was again a controversial and Unique natured Plant. The plant was expanded in year 1989-90 from 1250 TCD To 2500 TCD. Since its expansion the plant could not achieve 100% capacity utilization due to various factors. During all these years many steps have been taken by different inside and outside expert teams. Consultants and N.S.I Kanpur team have also done their visit to study the problems. I was

actively engaged with all expert team and got the different and unique experiences. The main contribution done by my personal efforts and innovative ideas is as follows.

- (i) the evaporators bye-pass system to avoid general cleaning was implemented through my innovative ideas. In various discussions with the higher authorities I was the key player to convince them for its benefits and successful operations.
- (ii) Automatic lubrication system in centrifugal machines was implemented by me due to this little effort by me I saved lakhs of Rupees of the mills.
- (iii) I acted as a coordinator to train the accounts department personnel in computer operations and programming. This was possible only because I was the only computer literate man in the organization at that time.

D. The Tarn Taran Corp. Sugar Mills Ltd. was the smooth running unit where cost effectiveness & improvement in efficiency was the need of the hour due to overall financial crisis on the Sugar Industry itself through out India. During my one year tenure at this unit I contributed a lot towards these objectives as under:

- i) Short circuiting of juice in juice heaters (working as heat exchangers) was totally stopped due to my innovative idea & I saved approx. Rs. 1,00,000 by my personal efforts only in this work.
- ii) Modification in Automatic juice weighing scale and implementation of the Evaporator bye-pass system was implemented & adopted by my contribution which helped in improving the operating conditions thus saving money & labour both.
- iii) Quality checking procedures were improved & clear specifications & accuracy was maintained during inspection.

E. Punjab Technical University, Jalandhar is the sole university in India which is moving towards paperless virtual campus through E-governance. I had opportunity to take independent decisions in the functions of my responsibility area & in short span my contributions have been recognized & I am moving upwards the ladder of success.

F. I did my M.Tech and MBA at the age of 31, which was a challenging work and record at that time. Moreover I simultaneously passed the courses of both post graduations as one was regular and other was through correspondence. I secured more than 75% marks in each post graduate degree.

- G. My M.Tech. thesis was of unique and extraordinary nature. Though my qualification and experience both was of mechanical line, yet I chose the subject of my thesis of purely Electrical Engineering and Computer Applications. The title of my M.Tech thesis was “STUDY ON MICRO-PROCESSOR BASED CONTROL IN A MODEL OF WATER CIRCULATION SYSTEM IN BAGGASSE FIRED BOILER”. I developed micro-processor based pH controller and it ran successfully at ambient conditions. Moreover the subject chosen was based on my practical experience in sugar industry. I took this topic to solve the major problem in any chemical industry. I also thought the commercial implications to implement my topic in industry as a future businessman. Commercial aspects of the pH controller developed by me have been discussed at various levels. The emphasis of my research was on automation to reduce a large percentage of man power.
- H. At last but not the least I am living in perfectly healthy environment. I am having my height to weight ratio as ideal which is a symptom to sound health. I am an active young man with positive attitude and enthusiastic and innovative nature with pleasing personality.
- I. During my education I actively participated in all types of extra curricular activities like games, yoga and stage activities. Presently also I am a regular player of badminton.

- References:-**
- 1) Dr. S.K. Salwan,
Vice- Chancellor,
Punjab Technical University,
Jalandhar.
 - 2) Dr. M.S. Grewal,
Registrar,
Punjab Technical University,
Jalandhar.
 - 3) Dr. Dinesh Grover
Professor,
Department of Computer Science & Electrical Engg.
Punjab Agricultural University,
Ludhiana –141004 (Punjab), India.
 - 4) Dr. B.B. Tandon,
Director,
Gian Jyoti Institute of Management & Technology
Mohali.