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IIP

न्यू जलैटर NEWSLETTER

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Workshop on 'FTIR Spectroscopy – Analytical Challenges in Petroleum Industry'



*Prof D V S Jain inaugurating the workshop on 'FTIR Spectroscopy – Analytical Challenges in Petroleum Industry'.
Dr T S R Prasada Rao, Director, IIP and Dr S D Bhagat, Area Leader, are also seen in the picture.*

A two-day workshop on "FTIR Spectroscopy – Analytical Challenges in Petroleum Industry" was held on 8 and 9 November, 1995 at Indian Institute of Petroleum, Dehradun. It was co-sponsored by Bharat Petroleum Corporation Ltd., Indian Oil Corporation Ltd., and Indian Petrochemicals Ltd. Thirty eight delegates forming a distinguished cross-section of researchers, practicing FTIR spectroscopists and technocrats from R&D organisations and quality control laboratories of major petroleum and petrochemical industries, academic institutions and instrument suppliers attended this workshop. The workshop aimed at discussing the analytical challenges in hydrocarbon industry, the role of fourier transform infrared (FTIR) spectroscopy in meeting those challenges and advances made in its instrumentation, technique and applications in this direction.

The workshop was inaugurated by renowned academician **Prof D V S Jain**, FNA, FIASC and Professor of Chemistry and former Director, Regional Sophisticated Instrumentation Centre, Punjab University, Chandigarh. In his inaugural address and keynote address on "Perspective in Infrared Spectroscopy", Prof Jain traced the history of infrared (IR) spectroscopy and explained the development and uses of the recent fast fourier transform (FFT) technology in diverse fields from astronomy to biological system to fossil fuels to remote sensing of pollutants.

Speaking on this occasion, **Dr T S R Prasada Rao**, Director, IIP and Chairman of the Steering Committee of the symposium dwelt over the need of fast and accurate analysis of petroleum products and explained how the FTIR technique now-a-days is being specially used to monitor and control quality of various chemical products, besides being a versatile

analytical tool. Dr Prasada Rao emphasised the need for organising such workshops and microsymbosia on specialised analytical techniques and their applications in petroleum industry where experts from both industry and academia identify problems and exchange their views to solve industrial problems.

He appealed to analytical scientists to own R&D and direct their efforts to solve industrial problems in changed scenario. He thanked IBP, IOC, BPCL and IPCL, for co-sponsorship and financial support. The Director thanked Prof D V S Jain, Chief Guest, for being a good supporter for CSIR and in particular IIP and a conscience keeper to continue CSIR scientists not to forget science.

Shri Sudhir Singhal, Scientist G and Area Co-ordinator, (Petroleum Products Application and Analysis & Analytical Spectroscopy Divisions, IIP) introduced the Chief Guest, Prof D V S Jain, the man behind development of Regional Sophisticated Instrumentation Centre at Chandigarh. He recounted the involvement of Prof D V S Jain in CSIR's activities in different capacities – as member of RCs of several laboratories, CSIR society, TAB etc. He called Prof Jain as a great academician, teacher and well-wisher of IIP. He explained the design of the workshop and rationale in confining it to a highly specialised area.

Dr O S Tyagi, Convener of the Workshop, explained the genesis of the workshop and selection of the theme 'Analytical Challenges in Petroleum Industry' particularly in the present context of privatization and globalization.

There were 5 invited lectures and 20 short presentations on advances in FTIR and its applications in the petroleum industry.

Prof D V S Jain conducting the panel discussion.



**HONOURABLE MINISTER OF STATE FOR
INFORMATION & BROADCASTING
MR K P SINGH DEO VISITS IIP**

Honourable Minister of State for Information and Broadcasting **Mr K P Singh Deo** visited IIP on 18 July 1995. He was accompanied by his wife and daughter. He was briefed about the facilities, capabilities, activities and achievements of IIP by **Dr T S R Prasada Rao**, Director, IIP. Mr Singh Deo showed keen interest in the activities of IIP. He was taken around to various laboratories of the Institute by the Director.

The following comments made by the honourable Minister in the visitors book of the Institute shows clearly that he was highly impressed with the progress made by IIP - "It was fascinating and interesting to visit IIP and be briefed on the latest achievements as well as the applications of the processes and results of R&D that have been taking place here. It is gratifying and one feels proud to know about these developments which, apart from making the country achieve a status commensurate with the efforts in the international field, has also brought in much needed improvements in the quality of life of the common people and the nation. I congratulate and wish the very best to Dr Prasada Rao and his dedicated scientists. Jai Hind."

Mr K P Singh Deo was in Dehradun to inaugurate a Conference of Regional Heads of Directorate of Field Publicity which was organised by the Regional office of Directorate of Field Publicity, Dehradun. Dr T S R Prasada Rao was also Guest of Honour during the inaugural function of the conference.



Dr T S R Prasada Rao escorting the Hon'ble Minister Mr K P Singh Deo to a visit to the laboratories.



Mr K P Singh Deo taking keen interest in the functioning of the crude evaluation laboratory.

IIP CELEBRATES CSIR FOUNDATION DAY

IIP celebrated CSIR Foundation Day on 25th September 1995. **Dr S R Valluri**, former Director of NAL Bangalore and presently Chairman of Technical Advisory Board (TAB) for Engineering Science Group of Labs of CSIR was the Chief Guest. **Prof V K Gaur**, former Director, NGRI Hyderabad and Secretary, Department of Ocean Development, presently a distinguished scientist at C.MMACS, NAL Bangalore, presided over the function.

Dr T S R Prasada Rao, Director IIP, welcomed Dr Valluri and Prof Gaur and described in brief the scientific achievements in their respective fields. Dr Valluri, in his CSIR Foundation Day Lecture, dealt with the changes in science, technology and industry in the present economic liberalisation scenario. He mentioned that the Indian industry had not supported the efforts of the scientific



Dr S R Valluri delivering the CSIR Foundation Day lecture.

community and the national R&D in their endeavour to make the country self reliant in its technological needs. He also mentioned that the national laboratories should reduce their dependence on government funds. A close interaction and joint effort is needed between R&D and the industry, if useful R&D ideas are to

ultimately find their way into the markets. He also emphasised that instead of giving money to R&D agencies as grant-in-aids, the government should provide minimum base line funding to keep the R&D organisations running. The additional support for them should be through specific projects with matching grant when they are also jointly supported by industry.



Prof V K Gaur, Chief Guest inaugurating the CSIR Foundation Day function. Dr S R Valluri and Dr T S R Prasada Rao are looking on.

He also mentioned that while in the developed world, the industry spends roughly 3-4 times the money spent by the government on R&D, the situation in India is however very different. The Indian expenditure in R&D is less than 1% as compared to around 7% average figure spent by Japan. Hence the industry has to support the indigenous R&D so that the goal of technological self reliance may be soon achieved.

Prof Gaur praised Dr Valluri for his thoughts during his address and suggested that IIP should take clues from his address to forge ahead in its endeavour of

technology development in the area of petroleum.

Dr T S R Prasada Rao, Director IIP, also thanked Dr Valluri for his thought provoking address. He mentioned that Indian Institute of Petroleum has successfully commercialised technologies in the field of petroleum and plants utilising these technologies are spread throughout the country. He informed the audience that IIP has been selected as one of the laboratories of CSIR to develop corporate strategy and corporate culture. He allayed the fears of the IIP staff reiterating that corporatisation does not mean privatisation and will not lead to any retrenchment of staff but will gear up the staff to improve upon their working so that IIP can be put on the global map. He said that this would mean greater opportunities for them also.

Dr Valluri distributed prizes to the winners of the essay competition organised for the children of the IIP staff on this occasion and also the quartz clocks as memento to the 15 employees superannuated between September '94 and August '95. He also distributed wrist watches as memento to the IIP staff who completed 30 years of continuous service of CSIR. The total of 61 staff members received these mementos.

At the conclusion of the function, Dr Prasada Rao presented shawls as memento to Dr Valluri and Prof Gaur. Dr K S Jauhri, Area Leader, Industrial Liaison proposed the vote of thanks on this occasion.

IIP PROCESS GOES COMMERCIAL

• IIP Sulfolane Process goes on stream

As a consequence of constant research and development efforts by the scientists of Chemical Sciences Division, IIP developed a process to manufacture sulfolane, a widely used solvent for extraction of aromatics from catalytic reformat, hydro-treated pyrolysis naphtha and kerosene. It is also used for removal of acidic components such as H₂S, CO₂ and mercaptanes from a variety of gas streams including natural gas. Sulfolane is also used as a solvent and intermediate in synthesis of various chemicals. This technology to manufacture was licensed to Cadilla Hospital Products Ltd., Ahmedabad.

The first sulfolane plant of 300 TPA capacity based on IIP technology has been commissioned recently by Cadilla Hospital Products (CHPL) at Kadi, Distt. Mehsana, Gujarat. Sulfolane produced at CHPL's plant is at par with the international products. CHPL has started supplying sulfolane to refineries and chemical producers. CHPL has become the third company in the world to produce sulfolane after Phillips and Shell.

MEETINGS

• XVth meeting of the Activity Committee on Visbreaker

XVth meeting of the Activity Committee on Visbreaker was held at IIP on 11 and 12 September 1995. CHT co-ordinator **Shri B V Papa Rao** in his opening remarks thanked **Dr T S R Prasada Rao**, Director IIP for his magnanimous offer to host the Activity Committee meeting. **Shri T M Subramanian**, Chief Manager CRL had taken over as the Convenor of the committee. Fifteen members from Gujarat, Mathura, Panipat, Cochin, Madras, HPCL refineries and EIL and six engineers and scientists from IIP attended the meeting.

In his inaugural address, **Shri Sudhir Singhal**, Scientist G, welcomed all the participants of the Activity Committee meeting. He mentioned that the 'Soaker Visbreaker Technology' developed by IIP and EIL is being successfully used in two Indian refineries. He said that the Activity Committee meetings, wherein representatives from consultancy and designing, research and development and refinery companies participate, is a good forum for exchanging information/ideas for benefit of all concerned.

SAVE OIL -

It's a precious resource

Shri T M Subramanian, Convenor of the Activity Committee in his introductory remarks stressed on the importance of regular Activity Committee meetings for sharing experience among member organisations and resolving related outstanding problems.

A presentation titled "An Introduction to IIP" was made by **Dr K S Jauhri** (IIP). **Shri M M Kumar** (IIP) gave a brief presentation on "Research & Development in Visbreaking Area at IIP". Then the members from different organisations presented their views, problems and performance of visbreaker in the respective refineries from March '95 to August '95.

- **Activity Committee Meeting on Lubes**

Meeting of Activity Committee on Lubes under the auspices of CHT was held at IIP, Dehradun in August 1995 to take stock of the progress on measures for argumentation of lube production/quality enhancement and implementation of expansion projects as recommended earlier. This provided useful exposure to IIP scientists in the area to learn about the current refinery activities besides an opportunity to apprise the committee members on research efforts being pursued at IIP in this field.

- **BIS Meeting** in the area of Industrial and Domestic Combustion was held at IIP in September 1995.

**PARTICIPATION OF IIP IN
'TECHNOLOGY
SHOWCASE - 95'
AT SINGAPORE**

CSIR participated in the Technology Showcase-95, organised by the National Science and Technology Board of Singapore during September 13-15, 1995 with the aim of presenting select technological developments that have potential for materialising into business opportunities. CSIR exhibits were displayed on 6 booths at the Singapore International Convention and Exhibition Centre in Suntec City, the venue of the exhibition. The team of CSIR was led by its Director General, **Dr R A Mashelkar**. The team consisted of about 20 members including as many as 5 Directors of different CSIR laboratories. IIP was represented by its Director, **Dr T S R Prasada Rao** and **Dr S N Sharma**, Group Leader, (International Scientific Cooperation). The following four technologies (which have already been commercialised in India) of IIP were exhibited in the Technology Showcase:

- i) Sulpholane extraction technology for production of pure aromatic like benzene, toluene and/or Xylenes from aromatic rich feed stocks such as catalytic reformates and hydrogenated pyrolysis gasolines.
- ii) NMP extraction technology for dearomatization of Straight Run Naphtha for the production of food grade hexane of international quality and low aromatic naphtha.
- iii) Production of sulpholane by a two step process using sulphur dioxide and butadiene as raw materials.

iv) Bimetallic catalyst for Reforming Process.

A seminar on "Indian Tech Opportunities" was also organised there in association with National Science & Technology Board of Singapore (NSTB) on September 15, 1995 where leading Indian technologists projected the potential partnership avenues in biotechnology, chemical, environmental, food and agro and information technological areas. At the outset, **Dr R A Mashelkar**, Director General, CSIR said that a "reverse transfer" of technology was already taking place and CSIR had fashioned an aggressive marketing strategy to provide an international outlet for the research and development projects of its 40 laboratories. **Dr T S R Prasada Rao**, Director, Indian Institute of Petroleum focused on the challenges and opportunities present in the Indian chemical industry. He said that both the chemical and petrochemical sectors in India were growing at a rate faster than the industry as a whole. The demand for petrochemicals was expected to grow to 7 million tonnes by the year 2000. In these industries, the gap between supply and demand is substantial, providing vast opportunities for global players to reap benefits, said **Dr Prasada Rao**.

Technologies displayed at CSIR booths drew several inquiries from Singaporean investors. Some of them signed MoUs for commercialising CSIR technologies like the one for producing biplate developed by CFTRI and another one with Hawke Petroleum Pte Ltd., Singapore for marketing chemical technologies developed by IIP, IICT and NCL in the Asia Pacific region and China.

DEPUTATION ABROAD

- **Dr Mahendra Pal** went on deputation to Japan for 6 months w.e.f. 15 July, 1995 for studies on Elasto-hydrodynamic lubrication using emulsions.
- **Dr B S Rawat** visited Dubai (UAE) during 18-21 July, 1995 to evaluate specific technology which is in operation in a refinery at Dubai and then to give recommendations to the Petroleum Ministry.
- **Dr I D Singh** visited USA w.e.f. 22-25 August, 1995 to attend an International Symposium on Asphaltene and Macro Molecular Transportation.
- **Mr U C Agrawal** visited Germany w.e.f. 6 September - 5 November, 1995 under a Bilateral Exchange Programme.
- **Dr T S R Prasada Rao** visited Singapore during 12-15 September, 1995 to attend Tech-Expo '95 as a part of a delegation led by **Dr R A Mashelkar**, Director General, CSIR.
- **Dr S N Sharma** visited Singapore during 12-15 September, 1995 to attend Tech-Expo '95 as a part of a delegation led by **Dr R A Mashelkar**, Director General, CSIR.
- **Dr Mathew Abraham** is on a foreign visit to England for 4 months to study at the School of Engineering, University of Exeter, U.K. w.e.f. 27.9.95.
- **Dr V K Bhatia** visited The Netherlands and France w.e.f. 1-10 October, 1995 for attending International Conference, 21st World Congress and Exhibition of the International Society for Fat Research (ISF), The Hague, The Netherlands.
- **Dr T S R Prasada Rao** visited USA and Denmark during 3-27 October, 1995 to attend the NPRA,

Q&A session and to have meeting with various companies in USA and Denmark for Business Development.

- **Dr M P Saxena** visited USA during 8-10 October, 1995 for Business/Technology Development-ABB Global.
- **Mr Sudhir Singhal** visited Nepal during 8-11 December, 1995 in connection with a Business Development trip and discussion with **Dr Eric Lewis** of M/s Paramins Ltd., U.K.
- **Mr H K Madan** visited Hong Kong during 11-15 December 1995 to attend ASIA PACIFIC INTL. SYMP. on Combustion and Energy Utilisation. □

DISTINGUISHED FOREIGN VISITORS

- A team of Swiss Development Corporation visited IIP on 7 and 8 August 1995 and held discussions for joint collaborative projects.
- His Excellency **Dr Odonel Smakel**, the ambassador of Czech Republic to India visited IIP on 6 October 1996. He had a brief meeting with Director, IIP, senior scientists and all the scientists who had visited The Czech Republic earlier.



Dr Odonel Smakel, the Ambassador of Czech Republic to India being presented a memento by Mr Sudhir Singhal, Scientist G, IIP.



Dr Odonel Smakel along with some of the scientists and staff of IIP.

- Prof Stuchlik and Dr G Worqbier of Institute of Botany of PAS visited IIP/FRI under CSIR/PAS exchange programme from 29.11.95 to 30.11.95.

- Dr M Derewinski of Poland visited IIP w.e.f. December 13-16, 1995, under the bilateral exchange programme between India and Poland.

HONOURS AND AWARDS

- President of India in his capacity as visitor to the Indian Institute of Technology, Kanpur, has nominated **Dr T S R Prasada Rao** as his nominee to serve on selection committees for the post of Professor in the Department of Chemical Engineering in the Institute for a period of two years. Dr Prasada Rao was also appointed by Ministry of P&NG as Chairman of 3-member committee to investigate Gujarat Refinery fire accident.

- **Dr H U Khan** has been awarded MAAS Best Paper Award – 1994 in Physical Sciences by the Muslim Association for the Advancement of Science (MAAS).



Dr G Muralidhar, born 31-7-1948, Scientist in Catalysis Division, Indian Institute of Petroleum, Dehradun was selected for Hariom Ashram Prerit S.S. Bhatnagar Research Endowment Award for the year 1993. This award was instituted by Hariom Ashram Trust, Nanded Maharashtra, and is administered by Central Salt and Marine Chemicals Research Institute (CSMCRI), Bhavnagar, Gujarat. He was selected for the award based on his research carried out in the area of heterogenous catalysis and especially for his work on hydrotreating catalysts. He received the award in a special function organized at Bhavnagar in April 1996.

TRAINING PROGRAMMES ORGANISED

- A training programme for 19 engineers from Numaligarh Refineries Ltd., Numaligarh in "Basics of Petroleum Refining Technology" was organised from 1 to 9 Aug. 1995.

- A training programme for 27 chemical engineers from IOC Ltd. (R&P Division) on "Petroleum Refining Technology" was organised from 21 Aug. to 1 Sept. 1995.

- A training programme for 26 chemical engineers from different refineries on "Petroleum Refining Technology" was organised from 9 to 20 Oct. 1995.

- A training programme for 21 engineers from Numaligarh Refineries Ltd., Numaligarh on "Basic of Petroleum Refining Technology" was organised from 26 Oct. to 3 Nov. 1995.

- A training programme for 10 participants from Reliance Industries Ltd., Surat on "Analytical and Physico Chemical Testing Techniques for Petroleum and Petrochemicals" was organised from 20 Nov. to 8 Dec. 1995.

- A training programme for 27 chemical engineers from Reliance Industries Ltd., Bombay on "Petroleum Refining Technology" was organised from 11 to 22 Dec., 1995.

MAJOR AGREEMENTS/ MoUs SIGNED

Values
(Rs in Lakhs)

- | | |
|---|--------|
| 1. Diesel fuel quality: requirements for meeting future emission standard, CHT, New Delhi (July 1995) | 130.50 |
| 2. Development of know-how on cold rolling oils for steel, HPCL, Bombay (November 1995) | 20.00 |

TECHNOLOGIES TRANSFERRED

License Fee
(Rs in Lakhs)

- | | |
|---|-------|
| 1. Improved technology on impregnating pitches – Graphite India Ltd., Bangalore | 4.50 |
| 2. IIP-IFP process for pyrolysis gasoline hydrogenation – Haldia Petrochemicals, Haldia | 44.50 |
| 3. Improved LPG stove – 5 firms | 0.025 |

COLLOQUIA

- **Dr Raj Venkatesan** (USA), *Heavy resource characterisation and processing considerations - Some thoughts*, July 11, 1995
Overview of technology in heavy oil processing - Selective discussion, July 17, 1995
Catalytic dechlorination of waste chlorinated solvents, July 19, 1995.
- **Mr R P Badoni** (IIP), *Feed stock composition vs Product state in catalytic cracking reactions*, August 4, 1995.
- **Mr U K Dixit** (IOC), *Meeting future HRD challenges in petroleum sector*, October 19, 1995.
- **Dr M Derewenski** (Poland), *Modification of ZSM-5 zeolites with ortho-phosphoric acid*.

□

CONGRATULATIONS ON PROMOTION

- *Congratulations to the following officers on promotion:*

1. Shri V S Saini promoted to Scientist E II w.e.f. 1.4.91
2. Dr J M Nagpal promoted to Scientist E II w.e.f. 5.5.91
3. Shri M M Kumar promoted to Scientist E II w.e.f. 1.7.91
4. Dr Y K Kumar promoted to Scientist E II w.e.f. 7.9.91
5. Shri R P Dabral promoted to Scientist E I w.e.f. 1.2.92
6. Shri V B Kapoor promoted to Scientist E I w.e.f. 6.8.91
7. Shri N N Kulsrestha promoted to Scientist E I w.e.f. 20.4.91
8. Shri Krishna Kumar promoted to Scientist E I w.e.f. 3.10.91
9. Dr H U Khan promoted to Scientist E I w.e.f. 1.4.91
10. Shri V P Sharma promoted to Scientist E I w.e.f. 1.2.92
11. Shri O P Gupta promoted to Scientist E I w.e.f. 27.1.92
12. Shri V K Verma promoted to Scientist E I w.e.f. 4.12.91
13. Shri Basant Kumar promoted to Scientist E I w.e.f. 4.5.91
14. Dr D-S Shukla promoted to Scientist E I w.e.f. 3.4.91
15. Shri P K Jain promoted to Scientist E I w.e.f. 27.1.92
16. Shri S K Gupta promoted to Scientist E I w.e.f. 1.2.92
17. Shri R C Purohit promoted to Scientist E I w.e.f. 1.4.91
18. Shri A K Jain promoted to Scientist E I w.e.f. 12.10.91
19. Shri K M Agarwal promoted to Scientist E I w.e.f. 1.2.92
20. Shri Nishan Singh promoted to Scientist E I w.e.f. 19.7.91
21. Shri S M Nanoti promoted to Scientist E I w.e.f. 1.4.91
22. Dr D K Adhikari promoted to Scientist E I w.e.f. 30.12.91
23. Dr B M L Bhatia promoted to Scientist C w.e.f. 1.2.92
24. Shri Yadram promoted to Scientist C w.e.f. 1.2.92
25. Shri R K Chawla promoted to Scientist C w.e.f. 30.1.92
26. Shri R P Yadav promoted to S.T.A. w.e.f. 18.3.94
27. Shri Prem Singh promoted to S.T.A. w.e.f. 24.5.93
28. Shri Ram Swaroop promoted to Tech. Grade VIII w.e.f. 7.6.93
29. Shri S S Pawar promoted to Tech. Grade VIII w.e.f. 7.6.93
30. Shri Mohinder Singh promoted to Tech. Grade VIII w.e.f. 29.12.93
31. Shri Ram Lal promoted to Tech. Grade VIII w.e.f. 7.6.93
32. Shri Abdul Samad promoted to Tech. Grade VIII w.e.f. 7.6.93
33. Shri Ishwar Singh promoted to Tech. Grade VIII w.e.f. 7.6.93
34. Shri Ram Pal promoted to Tech. Grade VIII w.e.f. 7.6.93
35. Shri Mukandi Ram promoted to Tech. Grade VIII w.e.f. 17.2.93
36. Shri Dhyam Singh promoted to Tech. Grade II w.e.f. 13.1.94
37. Shri Hori Lal promoted to Tech. Grade I w.e.f. 7.6.93
38. Shri Jagdish Singh promoted to Tech Grade I w.e.f. 7.6.93
39. Shri Jai Kirat Singh promoted to Tech Grade I w.e.f. 7.6.93
40. Shri Ram Dayal promoted to Tech Grade I w.e.f. 7.6.93
41. Shri Puran Singh promoted to Tech Grade I w.e.f. 7.6.93
42. Shri Rattan Lal promoted to Tech Grade I w.e.f. 7.6.93
43. Shri Ranjeet Singh promoted to Tech Grade I w.e.f. 7.6.93
44. Shri Raja Ram II promoted to Tech Grade I w.e.f. 7.6.93
45. Shri Mukandi Ram promoted to Tech Grade I w.e.f. 7.6.93

Pollution is the concern of every citizen.

46. Shri Gulab Singh promoted to Tech Grade I w.e.f. 7.6.93
47. Mrs Sulochana Bahuguna promoted to Helper B w.e.f. 24.12.92
48. Shri Balbir Singh promoted to Helper B w.e.f. 19.5.93
49. Mohd. Parvez promoted to Helper B w.e.f. 15.12.93



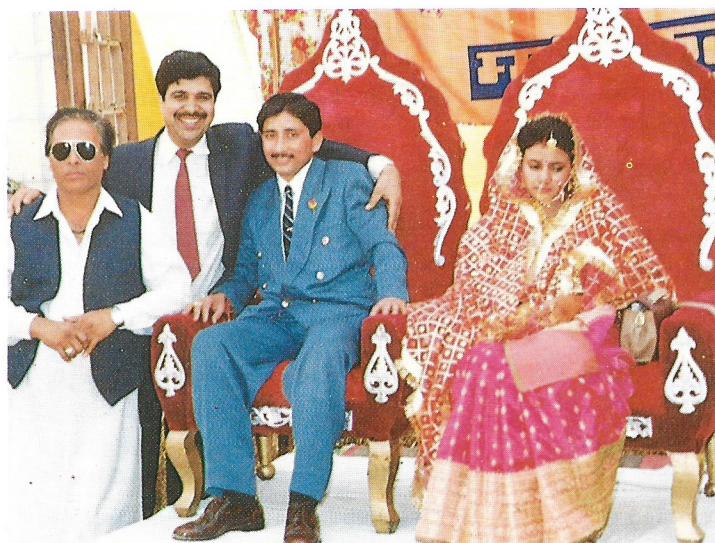
NEW APPOINTMENTS

• *We welcome the following new appointees:*

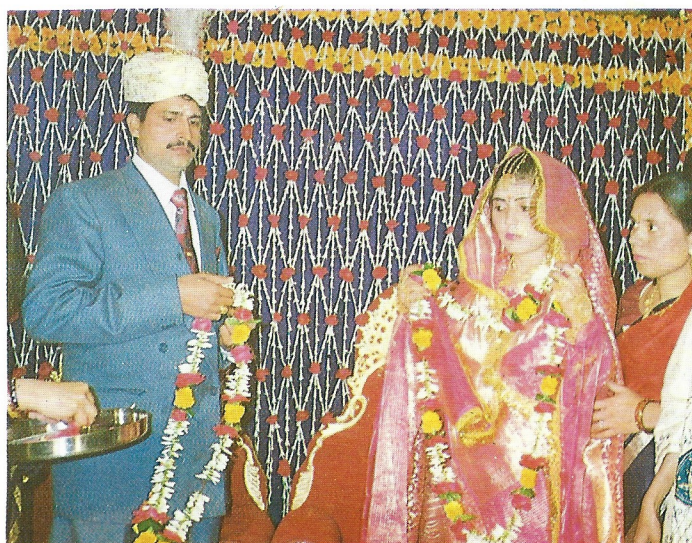
1. Dr V V D.N Prasad as Scientist B on 27.7.95
2. Dr Puran Singh Verma as Scientist B on 27.7.95
3. Dr Manoj Srivastava as Scientist B on 27.7.95
4. Dr S Sen Gupta as Scientist B on 6.11.95
5. Shri P Vijay Anand as Scientist B on 4.12.95
6. Shri B B Dimri as L.D.C. on 17.7.95
7. Shri Suresh Kumar Verma as Peon on 19.7.95

Wedding Bells

Congratulations ...



– to Shri Ram Singh Rawat on the occasion of the marriage of his son Dhirender with Meenakshi on 25.11.95.



– to Dr. Uma Shankar on the occasion of the marriage of his daughter Suman with Manoj on 6.12.95.



– to Morris Issachar on the occasion of marriage of his son Sanjeev with Iris on 27.10.95 and marriage of his daughter Monica with Samson on 28.12.95.



FAREWELL

• Farewell to following colleagues:

1. Shri Gyan Chand, Technician on retirement on 31.7.95
2. Shri Dhan Bahadur, Jr. Security Guard, on retirement on 31.7.95
3. Shri H B Kothari, Tech Officer on retirement on 31.8.95
4. Shri S P Kothari, Adm. Officer on retirement on 31.8.95
5. Dr B B Agarwal, Scientist 'EII on retirement on 31.10.95
6. Shri Kishan Singh, Jr. Sec. Guard on retirement on 31.12.95
7. Shri C M Khanna, Tech. Officer 'EII on retirement on 31.12.95
8. Shri Naresh Kumar, Jr. Steno on resignation on 27.10.95
9. Shri Dinesh Kumar, Engineer 'C' on resignation on 27.10.95
10. Km Mini Arora, Assistant on resignation on 15.9.95

CONDOLENCES

Heartfelt condolences on the sudden and untimely demise of:

1. Shri Beni Prasad, Peon, on 11 Oct 1995
2. Shri Bhagwat Prasad, Helper on 22 Oct 1995
3. Shri Niranjan Singh, Technician on 7 Dec 1995

हिन्दी दिवस समारोह - 95

भारतीय पेट्रोलियम संस्थान, देहरादून के सभागार में हिन्दी दिवस समारोह का उद्घाटन प्रख्यात हास्य कवि पद्मश्री डॉ बरसाने लाल चतुर्वेदी ने दीप प्रज्वलित कर किया। जिसमें संस्थान के निदेशक डॉ टी एस आर प्रसाद राव, प्रशासन नियंत्रक श्री के ए कुशैशी आदि गणमान्य अधिकारी उपस्थित थे। डॉ बरसाने लाल चतुर्वेदी ने कहा कि हिन्दी को यथोचित सम्मान दिलाने के लिए लोगों में स्वाभिमान जगाने की जरूरत है। इसके लिए हिन्दी को पर्याप्त प्रोत्साहन व प्यार दिया जाए।

हिन्दी पखवाड़े के अन्तर्गत आयोजित समारोह में डॉ चतुर्वेदी ने कहा कि हमारे द्वारा की गई उपेक्षा के कारण हिन्दी अपना सम्मानजनक

स्थान नहीं बना पाई है। इसके लिए हमें अपने भीतर स्वाभिमान जागृत करना होगा, तभी राजभाषा के रूप में हिन्दी शताब्दी एक्सप्रेस की गति से विकास करेगी। वर्तमान में उसके विकास की गति की तुलना पैसेंजर गाड़ी से की जा सकती है।

उन्होंने अंग्रेजी भाषा की चमक में डूबे लोगों पर व्यंग्य करते हुए कहा कि अंग्रेजी की चमक व इससे जुड़े ग्लैमर को दूर करने की जरूरत है। अंग्रेजी की तुलना में हिन्दी को पर्याप्त प्यार व प्रोत्साहन नहीं मिल पा रहा है। यह किसी विडंबना से कम नहीं है। विदेशों में लोग अपनी राष्ट्रभाषा के प्रति न केवल बेहद जागरूक होते हैं, बल्कि संवेदनशील भी



डॉ बरसाने लाल चतुर्वेदी, मुख्य अतिथि एवं डॉ टी एस आर प्रसाद राव, निदेशक, भा.पे.सं., हिन्दी दिवस समारोह का विधिपूर्वक उद्घाटन करते हुए।

होते हैं। डॉ चतुर्वेदी ने कहा कि हिन्दी को प्रोत्साहित करने के लिए हिन्दी में मौलिक लेखन की भी जरूरत है।

उन्होंने भारतीय पेट्रोलियम संस्थान की सराहना करते हुए कहा कि यहां के वैज्ञानिक चाहें तो विज्ञान में भी हिन्दी का प्रयोग बखूबी कर सकते हैं। उन्हें चाहिए कि विदेशों में शोध पत्र भेजते समय हिन्दी की प्रति भी साथ भेजें, जिससे विदेशों में हिन्दी की पहचान कायम हो। यह नहीं भूलना चाहिए कि भाषा और संस्कृति से अलग होने से न व्यक्ति का और न देश का विकास संभव है। उन्होंने यह भी कहा कि सभी लोग शिक्षा का हक तभी पा सकेंगे, जब उच्च शिक्षा में भी हिन्दी माध्यम को अपनाया जाएगा। संस्थान के निदेशक डॉ टी एस आर प्रसाद राव ने बताया कि संस्थान हिन्दी के विकास के लिए अपने स्तर पर विभिन्न प्रयास कर रहा है। विगत पाँच वर्षों से "विकल्प" नामक पत्रिका का नियमित प्रकाशन भी कर रहे हैं जिसमें संस्थान के सभी कर्मचारीगणों व वैज्ञानिकों का विशेष योगदान है। उन्होंने डॉ चतुर्वेदी के बारे में कहा कि उन्होंने हास्य व्यंग्य के शिखर को स्पर्श किया है। मुस्कान व हंसी तनावों को दूर करती है। डॉ चतुर्वेदी अपनी रचनाओं के माध्यम से इस कार्य को अंजाम दे रहे हैं।

समारोह के संयोजक डॉ दिनेश चमोला ने कहा कि डॉ चतुर्वेदी एक प्रसिद्ध साहित्यकार एवं व्यंग्यकार हैं जिन्होंने 40 से अधिक ग्रन्थ हिन्दी साहित्य को भेंट किये हैं। उन्होंने कहा कि हिन्दी ने अनेक ऐतिहासिक पड़ाव तय किए हैं। वह भारतीय भाषाओं की प्राण है। वह समूचे देश को एकता के सूत्र में जोड़ने का कार्य कर रही हैं। विश्व के लगभग 136 से भी अधिक विश्वविद्यालयों में हिन्दी पढ़ाई जा रही है।

इसके अलावा त्रिनिदाद, मारीशस व सरीनाम जैसे देशों में हिन्दी गर्व के साथ बोली व समझी जाती है।

निदेशक डॉ प्रसाद राव ने मुख्य अतिथि डॉ चतुर्वेदी को स्मृति चिन्ह से भी सम्मानित किया। समारोह के अंत में संस्थान के प्रशासन नियंत्रक खर्शीद अहमद कुरैशी ने उपस्थित लोगों का आभार व्यक्त किया। समारोह में सरकारी कार्यों में राजभाषा हिन्दी के प्रयोग के लिए तथा हिन्दी प्रतियोगिता में विजयी रहने वाले कर्मचारियों को पुरस्कार भी प्रदान किए गए।

वैदिक समिति, भा.पे.स. द्वारा आयोजित विभिन्न कार्यक्रम

- श्री कृष्ण जन्माष्टमी महोत्सव 18 अगस्त 1995 को श्रद्धा एवम् हर्षोल्लास के साथ मनाया गया। इस अवसर पर श्री कृष्ण की बाल लीलाओं से सम्बन्धित बच्चों के कार्यक्रम का आयोजन तथा पुरस्कार वितरण किया गया।
- 29 अगस्त 1995 को श्री गणेश जी की मूर्ति की स्थापना एवम् भजन, पूजन तथा मूर्ति विसर्जन का आयोजन किया गया।
- 28 सितम्बर 1995 को नवरात्रि महोत्सव पर माँ दुर्गा की पूजा अर्चना एवम् हवन का आयोजन किया गया।

