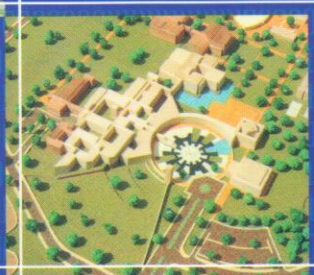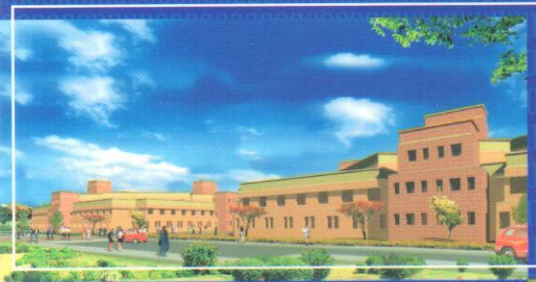INFORMATION BROCHURE

2003

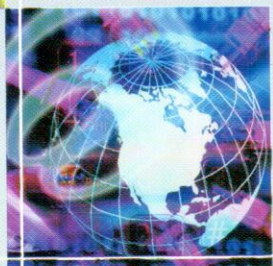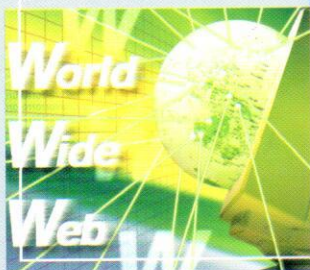THE LNM INSTITUTE OF INFORMATION TECHNOLOGY

JAIPUR

THE INSTITUTE

Information Technology has pervaded all walks of life - it is changing the very face of the society and its functioning world-over - the way we interact for living, commerce, communication, entertainment, technological pursuits, or even governance. Realising the importance of Information Technology, the Government of Rajasthan and The LNM Foundation have jointly set-up The LNM Institute of Information Technology, an autonomous non-profit organization, with the objective of producing world-class professionals in the field of Information Technology with a proper blend of communication, computers, management, and social awareness. Two disciplines of engineering that are primarily responsible for IT are Communications and Computers. As such the Institute's maiden four year undergraduate programme on **"Communication and Computer Engineering"** has been designed as a unique combination and will significantly contribute not only to the Communications, Computers, and IT industries but also to academia. Graduates of this new programme will have ample opportunities in variety of industries.
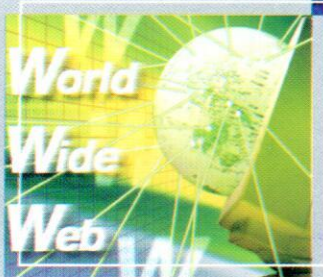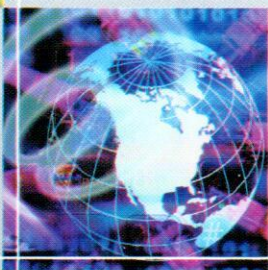
The Institute is being developed in Jaipur, the Pink City of India well known for its Rajasthani heritage and scientific explorations from the time of Maharaja Sawai Jai Singh. The Institute has started functioning from a one-year-temporary-location at the Engineering Staff Training Institute in the Jhalana Institutional Area. Its own modern residential campus is being built at Rupa ki Nangal, about 16 km from Jaipur City and will be ready in a year's time. The 100-Acre campus, designed by a renowned architect, will have all the features of a contemporary technological university, for example air-conditioned laboratories and library, hostels, sports complex, amenities etc.

The present location starts with a well-equipped Computer Lab as well as Physics and Electronics Labs. These are state-of-art laboratories. All students will have access to a campus computer network as well as Internet. The library has an adequate collection of the latest books and journals. The institute follows a semester system of education. The first batch of students to the four-year (8-Semester) undergraduate programme will be admitted in the academic session beginning July 2003.

The Institute will soon start Masters and PhD programmes. It will solicit the mandatory Government recognition as a Deemed University in due course.

THE EXCELLENCE IS OUR MOTTO AND DISCIPLINE OUR WAY.

VISION

To establish a World class platform for the creation, dissemination, and application of knowledge in the field of Information Technology through research, pedagogy, and consultation, as well as to become an effective catalyst for technological and societal development of the country through interaction between industry and academia.

OBJECTIVES

- To become a globally recognized Institute of Excellence in the field.
- To produce engineers of the highest calibre who will become trend-setters in the profession.
- To develop synergy with other institutions.
- To exploit IT for societal development through application programmes.
- To become a resource centre for multimedia content generation and distribution.
- To offer top quality graduate programmes.
- To engage in application-oriented research and development activities.

THE LNM FOUNDATION

The LNM Foundation is a charitable trust founded by the entrepreneur Mr. Lakshmi Niwas Mittal with the objective of supporting public activities in the fields of education and health care.

The LNM Foundation is setting up the 'LNM Institute of Information Technology' in Jaipur for Rs. 36 crores. The Foundation has also contributed Rs. 10 crores to the prestigious Indian School of Business at Hyderabad and has committed Rs. 4.50 crores to Mumbai's SNDT Women's University for construction of a new wing as 'Usha Mittal Institute of Technology'. This new institute has since start working.

After the devastating earthquake in Gujarat, the Foundation along with the Lions' club has started building a new hospital. Apart from donating Rs. 1.00 crores to the drought relief fund, the foundation runs eye camps and free medical mobile vans etc. in the villages of Rajasthan.

FOUNDING MEMBERS OF THE GOVERNING COUNCIL

Chairman :

Shri Lakshmi Niwas Mittal
Chairman, the LNM Group

Members :

Shri N. Vaghul
Chairman, ICICI Bank Ltd.

Shri Basant Kumar Jhawar
Chairman, Usha Martin Ltd.

Shri Murli Deora
Prominent Businessman

Padmashri Prof. Ashok Jhunjhunwala
Prof., Deptt. of Elect. Engg., IIT, Chennai

Prof. Rajeev Sangal
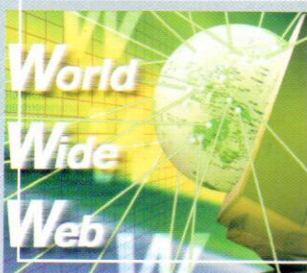Director IIIT, Hyderabad

Shri Inderjit Khanna
Chief Secretary, Government of Rajasthan

Shri M. D. Kaurani
Principal Secretary Finance,
Government of Rajasthan

Shri Ravi Mathur
Secretary, Technical Education,
Government of Rajasthan

ABOUT THE CHAIRMAN AND THE LNM GROUP

Lakshmi N. Mittal

Shri Lakshmi Niwas Mittal - Chairman, Governing Council

Lakshmi N. Mittal, 52, is the Chairman of The LNM Group, the world's second largest steel producer with the annual net sales of over US$ 10 billion. Mr. Mittal is also the Chairman and CEO of many of the Group's member companies, including Ispat International N.V., which is quoted on the New York and Amsterdam Stock Exchanges, and LNM Holdings N. V. and is Chairman of LNM Holdings' subsidiaries including Ispat Karmet, Ispat Sidex, Ispat Nova Hut and Ispat Annaba. He is a non-executive director of Iscor Limited, in which LNM Holdings has a major strategic equity stake. The Group has over 120,000 employees at its steelmaking operations in the U.S., Canada, Mexico, Trinidad, Germany, France, Kazakhstan, Algeria, Romania, Czech Republic, South Africa and Indonesia.

Mr. Mittal began his career working in the family's steelmaking business in India, and has over 28 years of experience working in the steel and related industries. His ability to guide the Group in its identification, acquisition and turnaround of steel assets has led to its emergence as one of the world's fastest growing and most global steel producers. Over the years, Mr. Mittal has also championed the development of integrated mini-mills and the use of Direct Reduced Iron or "DRI" as a scrap substitute for steelmaking. Other related activities of The LNM Group include shipping, power generation and distribution and mining. The Group has a fleet of five modern Panamex vessels and three U.S. Flag Lakers. In addition to iron ore mines in the U.S. and Mexico, Ispat Karmet Coal's captive mines have metallurgical grade coal reserves of 1.7 billion tons.

Mr. Mittal is an active philanthropist and has established the LNM Foundation in India. He also serves on several trusts as a member. The LNM Group is a significant contributor to local community and welfare activities for employees in countries where the Group operates. Mr. Mittal is a member of the Foreign Investment Council in Kazakhstan. He is a Director of ICICI Limited and is on the Advisory Boards of the Wharton and Kellogg Schools of Management in the U.S.

Mr. Mittal was awarded **"Steelmaker of the Year"** in 1996 by New Steel in the USA, and the **"Willy Korf Steel Vision Award"** in June 1998, for outstanding vision, entrepreneurship, leadership and success in global steel development from American Metal Market and Paine Weber's World Steel Dynamics. Mr. Mittal lives in London. He was born in Sadulpur in Rajasthan, India on June 15, 1950, and graduated from St. Xavier's College in Calcutta where he received a Bachelor of Commerce degree.

In his pursuit for excellence and philanthropy, Mr. Mittal has joined hands with the Government of Rajasthan in establishing the LNM IIT Jaipur. He is committed to the vision of the Institute.

REGULAR FACULTY

VISHWANATH SINHA: (Founding Director of the Institute) D.Sc. (Electrical Engineering, University of Ljubljana, Slovenia); Professor (IIT Kanpur); Former Deputy Director, Dean, Head Electrical Engineering and Advanced Center for Electronic Systems, at IIT Kanpur; Visiting Professor at Aachen University of Technology (RWTH), Aachen, Germany; Swiss Federal Institute of Technology (EPFL), Lausanne, Switzerland; University of Puerto Rico, Mayaguez Campus USA, Space Research Institute, Brasil; more than 32 years of teaching and research experience; Areas of Interest: Mobile Communication, Error Control Coding, Telematics, Satellite Communication, Technical Education.
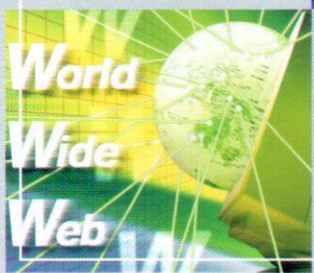
P K CHATTERJEE: PhD (Electronics and Electrical Communication Engineering, IIT Kharagpur), Post-doc at University of Strathclyde, Glasgow; over 35 years of experience in Teaching and Research; Former Professor and Head of Department of Electrical Engineering and Advanced Center for Electronic System, IIT Kanpur; Areas of Interest: Digital Communication, Fibre Optics Communication, Telematics.

O P KATYAL: PhD (Physics, Purdue University, USA), Post-doc at Purdue University and Michigan State University; Former Professor of Physics at IIT Kanpur; Over 30 years Teaching and Research experience; Area of Interest: Condensed matter experimental Physics.

AMITABH ROY: B. Tech. (Electrical Engineering, IIT Kharagpur), M. Tech., Computer Science and Engineering, (IIT Kanpur); Principal Research Engineer, IIT Kanpur; more than 15 years R&D experience at IIT Kanpur. Areas of Interest: Computer Networking, Asymmetric Networking, Network Security, Multi-service Networking.

J B SHUKLA: PhD (Mathematics, IIT Kanpur), Former Professor and Head of Department of Mathematics, and Dean of Students Affairs (IIT Kanpur); General Secretary, Indian Society for Mathematical Modelling and Computer Simulation; Emeritus Director/Scientist (Center for Modelling Environment and Development); Shanti Swarup Bhatnagar (SSB) Awardee in Mathematical Sciences; Federation of Indian Chambers of Commerce and Industry (FICCI) Awardee; Distinguished Service Awardee in Mathematical Sciences, Vijnana Parishad of India; more than 35 years experience of teaching and research; Areas of Interest: Mathematical modelling of Ecological, Environmental, Biological, and Engineering Systems, Linear and Non-linear analysis.

A visiting faculty drawn from Institutes of excellence in the country and abroad as well as from industry will enrich the academic programme.
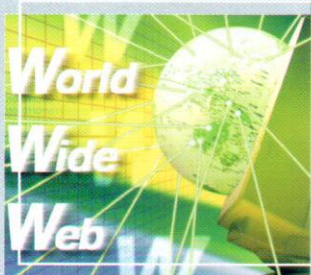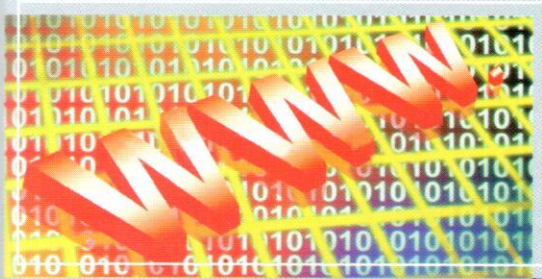
ADMISSION

LNM IIT JAIPUR announces admission to the first batch of its four-year undergraduate programme commencing July 2003 for the academic year 2003 - 2004.

SELECTION PROCEDURE

Admission of the first batch of students to the above programme will be based on their rank in the All India Engineering Entrance Examination (AIEEE) conducted by the CBSE (http://shikshanic.nic.in). A total number of thirty students will be selected through this process. A merit list of candidates who apply to the institute will be prepared in accordance to their AIEEE ranks and short-listed candidates will be asked to report to the institute for counselling. Admission closes as soon as all the seats are filled.

ELIGIBILITY

A. Minimum Academic Qualification: The minimum academic qualification for admission to the Institute is a pass in the final examination of 10+2 system or its equivalent, to be called the Qualifying Examination, with Physics, Mathematics, and Chemistry as their subjects. Candidates appearing in 10+2 final or equivalent examination are also eligible for consideration of provisional admission. However such admission will be cancelled if the proof of having passed 10+2 or equivalent examination is not submitted to the Institute by September 15, 2003.

B. Date of Birth: Only those candidates whose Date of Birth falls on or after October 1, 1978 are eligible. Only Date of Birth as recorded in the Secondary School Board or pre-University certificate will be taken as authentic. Candidates must produce, in original, Birth Certificate at the time of counselling, failing which their eligibility will be withdrawn.

C. Physical Fitness: All candidates will have to produce a Physical Fitness certificate from a registered medical practitioner to the effect that they are physically fit for pursuing studies at the Institute.

All admissions are also subject to verification of facts from the original certificates/documents of the candidates. The decision of the competent body of the Institute regarding eligibility of any applicant shall be final. For the purposes of guidance to the candidate a list of qualifying examinations is as follows:

i) The +2 level examination in the 10+2 pattern of examination of any recognized Central/State Board of Secondary Examination, such as Central Board of Secondary Education, New Delhi, and Council for Indian School Certificate Examination, New Delhi.

ii) Intermediate Science or Two-year Pre-University Examination conducted by a recognized Board / University.

iii) Final Examination of the two-year course of the Joint Services Wing of the National Defence Academy.

iv) General Certificate Education (GCE) Examination (London/ Cambridge/Sri Lanka) at the Advanced (A) level.

v) High School Certificate Examination of the Cambridge University.

vi) Any Public School/Board/University Examination in India or in foreign countries recognized by the Association of Indian Universities as equivalent to 10+2 system.

vii) H.S.C. Vocational Examination.

viii) A pass grade in the Senior Secondary School Examination conducted by the National Open School with a minimum of five subjects.

ix) 3- or 4-years diploma recognized by AICTE or a State Board of Technical Education.

HOSTEL FACILITY

All students must reside in the hostel. The Institute's present location has a fully-fledged hostel facility for boys. Provision has also been made for hostel accommodation for the girls in the nearby OTS (Officers Training school). The institute's own campus has a hostel for boys and girls.

FEE STRUCTURE

PARTICULARS	AMOUNT
Tuition Fee	Rs. 27,500 per Semester
Registration Fee	Rs. 2,000 per Semester
Internet Fee	Rs. 500 per Semester
Caution Money (Refundable at the end of Programme)	Rs. 5,000
Hostel Charges	Rs. 6,000 per Semester
Mess Charges	As per actual as charged by the Mess

Fees are chargeable semester wise at the time of the Registration in each Semester. However at the time of counselling for admission an amount of Rs. 32,500 (Rs. 27,500 towards the tuition fee for the first Semester, and Rs. 5,000 towards Caution Money) has to be paid through a Demand Draft in favour of "LNM IIT" (payable at Jaipur). The Institute reserves the right to revise the Fee and Payment Structure as decided by its Council from time to time.

Opportunities exist for financial assistance from the Banks at reasonable interest rates.

REFUND

In case a student fails to join the Institute on prescribed date or withdraws from the Institute within a fortnight of the commencement of the Semester, 50% of the tuition fee as well as the Caution Money (minus the dues), will be refunded.

SUBMISSION OF APPLICATION

There are two ways of obtaining an application form.

1. A candidate may download the application form from the Institute's website. Information about the Institute is available on the website. Completed (in all respects) application form must be submitted to the Institute by due date, along with a crossed demand draft for Rs. 500/- in favour of "LNM IIT" (payable at Jaipur).

2. A candidate may obtain an application form and information about the Institute by sending a written request to the Institute along with a crossed demand draft for Rs. 500/- in favour of "LNM IIT" (payable at Jaipur). Completed (in all respects) application form must be submitted to the Institute by due date.

The completed application form must reach the Institute by June 27, 2003

COUNSELLING

Candidates short-listed for counselling will be informed by post. Candidates may also obtain this information on the Website or over telephone. Even if a candidate does not receive a call-letter, the candidate must still appear for counselling on the prescribed date. There may be two rounds of counselling. In the first round 200 short-listed candidates will be asked to report for counselling. Counselling will close as soon as all the thirty seats are filled.
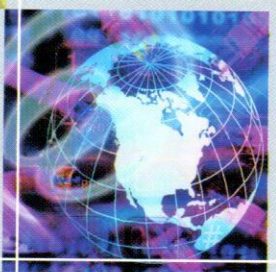
The dates for various events, including the counselling, are given in this bulletin. During counselling all the documents for verification of identity, age, qualifying examination document, medical certificate, proof of rank in the AIEEE, must be produced in original with a copy thereof. A candidate will not be considered for admission if one fails to establish the authenticity of any one of the above documents. The admission process for a student is complete when he/she completes all the requirements and pays the required fee (see the section on fee structure).

IMPORTANT DATES & DETAILS

Receipt of Application Form*	June 27, 2003
Announcement of Merit list on the web and dispatch of call letters.	July 02, 2003
Counselling (First round-first 200 candidates)	July 10, 2003
Counselling (Second round) subject to availability of seats**	July 15, 2003
Classes commence	28th July 2003

* For those who download the application form from the Web the receipt is valid only if the demand draft of Rs. 500/- accompanies the application.
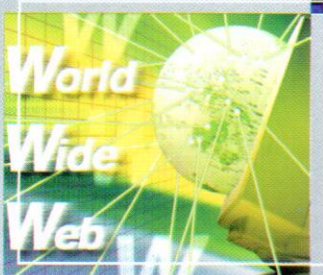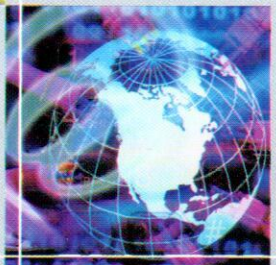** Candidates may inquire on Phone / Fax.

THE STRUCTURE OF THE FOUR-YEAR PROGRAMME

Development of a curriculum is an evolving process but the accepted philosophy and emphasis at the undergraduate level will be on extensive hands-on- experience. The programme will be completed in 8 semesters, with inbuilt continuous evaluation procedures. The medium of instruction is English. The present broad distribution of courses in terms of percentages under different headings for the entire programme is given in the table below.

HEADINGS	%	CREDITS	NO. OF COURSES
Basic Sciences	15	24-25	6
Technical arts/ESc - including Workshop	10	16	4
Compulsory Courses	35	57-58	14
Electives	15	24-25	6
Open Electives	5	8	2
ESO/BSO	5	8	2
HSS	10	16	4
Project	5	8	2
Total	100%	161-163 Credits	40 Courses

SOME EXPLANATIONS:

TA/ESc: Technical Arts/Engineering Sciences: Courses like Engineering Graphics, Manufacturing Processes / Fundamentals of Computing, Introduction to Electronics

Workshop Courses: Hands-on experience, mini-projects etc. Emphasis is to have a high degree of hands-on experience. .

ESO/BSO: Engineering Science/Basic Science options

Biology+Chemistry may be a Compulsory Basic Science course in 2nd/3rd year

Compulsory courses and electives span the entire range of the Programme.

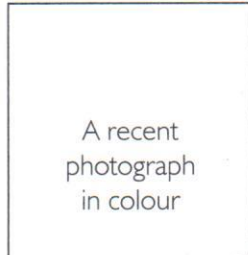# LNM INSTITUTE OF INFORMATION TECHNOLOGY JAIPUR
APPLICATION FORM FOR UNDERGRADUATE ADMISSION

Personal Data

No....................

1. NAME OF THE CANDIDATE _____

2. Nationality ☐ Indian ☐ Non-Indian

3. Gender ☐ Male ☐ Female

4. Date of birth ☐☐ day   ☐☐ month   ☐☐☐☐ year

A recent photograph in colour

5. Mailing address _____

   Pin _____ Email _____ Phone _____
   (STD Code and No.)

6. Details of the Bank Draft for Rs. 500/- D.D. No_____ dated_____ issued by (Ban...

7. Parent's name and address (relationship: Father/Mother/Other specify).

   _____

   Telephone _____ Email _____ Fax _____

8. Parent's/Guardian's occupation
   ☐ Agriculture ☐ Business ☐ Medical ☐ Engin...
   ☐ Private Service ☐ Defence Service ☐ Teaching/Research ☐ Oth...

9. Parent's/Guardian's total annual income
   ☐ Below 1 lakh ☐ Between 1-2 lakh ☐ Between 2-3 lakh ☐

10. Parent's educational background
    ☐ Neither graduate ☐ Only one parent graduate ☐ Both parer...

11. Place of Residence ☐ Village ☐ Town

Acade...

12. Place of Study up to qualifying exams ☐ Village

13. Details of qualifying examination ☐ CBSE ☐ ICSE ☐ S...

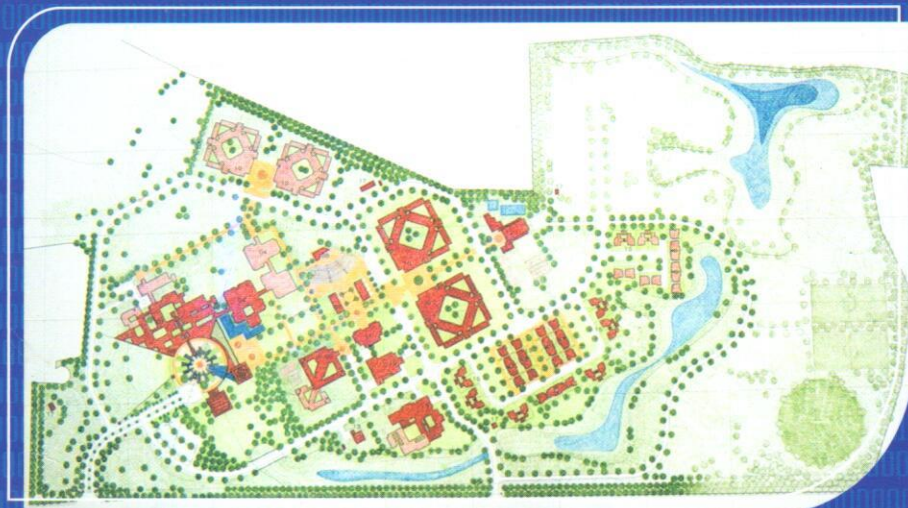14. Name and address of the Institution from where the Candid...

15. Details regarding AIEEE Candidate's Roll No. [_____]

(The Candidate must inform the Institute his/her rank secure...
must include the name of the Candidate, his/her AIEEE R...
telegram/e-mail/speed post.)

I hereby declare that all the particulars stated in this...
distortion of any fact like educational qualification, a...
already admitted, my admission is liable for can...
abide by the decision. Further, if admitted, I ...

Date _____

Place _____

Name of Par...

Address for Communication :

THE DIRECTOR
THE LNM INSTITUTE OF INFORMATION TECHNOLOGY, JAIPUR
C/o Engineering Staff Training Institute, Behind OTS, Jhalana Institutional Area, Jaipur-302 015
Phone : 0141-5111197 • Fax : 0141-5111196
Website : http://www.lnmiit.org • E-mail : info@lnmiit.org