1.   ENGINEERING/MANAGEMENT PROGRAMMES

I.	NAME OF THE INSTITUTION	**NATIONAL INSTITUTE OF INDUSTRIAL ENGINEERING, P.O. NITIE VIHAR LAKE ROAD, MUMBAI 400 087 Tel : (022) 28573371- 78 Fax: (022) 28573251**
II.	NAME & ADDRESS OF THE DIRECTOR :	**Prof. M.K. Tiwari NITIE, Vihar Lake Mumbai 400 087 Tel: (022) 28573371- 78 Fax: (022) 28573251 e-mail: director@nitie.ac.in**
III.	NAME OF THE AFFILIATING UNIVERSITY:	**N.A.**

IV.   GOVERNANCE :

Members of the Board and their brief background :	**As per Annexure I**
Members of Academic Advisory Board :	**1. Director** **2. All Faculty Members** **3. External Members (5 Nos. from other reputed institutions of higher learning and industry)**
Frequency of the Board Meetings and Academic Advisory Body :	**4 meetings in a year**
Organizational chart and processes	**Details enclosed as ANNEXURE - II**
Nature and Extent of involvement of faculty and students in academic affairs/improvements :	**Involved in teaching, research, training programmes and consultancy; also involved in placement, seminars and major events like Prerana, Lakshya, Sansmaran and other Extra Curricular activities.**
Mechanism/Norms & Procedure for democratic/good Governance :	**1. Policy matters regarding Administrative Financial matters are governed by BOG, NITIE with nominees from Govt. of India.** **2. Routine administrative matters in the Institute are governed by different committees nominated by the Director.**
Student Feedback on Institutional Governance/faculty performance :	**It is in force at end of each Quarter/Module.**
Grievance redressal mechanism for faculty, staff and students :	**It is in force.**

V.   PROGRAMMES :

Post Graduate Diploma in Industrial Management (PGDIM)
Post Graduate Diploma in Industrial Safety & Environmental Management (PGDISEM)
Post Graduate Diploma in Manufacturing Management (PGDMM)
Post Graduate Diploma in Project Management (PGDPM)

For each Programme the following details are to be given: **Year 2021-23 admissions**

Name	Number of Seats	Duration	Cut off mark/rank for admission during last 3 years	Fee
Post Graduate Diploma in Industrial Engineering (PGDIE)	240 (including EWS)	2 years	General Category (GATE Score): 760, EWS category 760 and a minimum of 60% aggregate in engineering degree OBC – GATE Score: 684 and a minimum of 60% in engineering degree SC Category (GATE Score): 509 and a minimum of 55% in engineering degree. ST Category (GATE Score): 509 and a minimum of 55% in Engineering degree. PD Category (GATE Score): 509 and a minimum of 55% in Engineering degree.	Rs.3,20,000/- (Tuition fee) Per year
Post Graduate Diploma in Industrial Management (PGDIM)	300	2 years	General Category (CAT Percentile): 97 Percentile, EWS 95 Percentile and a minimum of 60% aggregate in engineering degree OBC Category (CAT Percentile): 87 and a minimum of 60% aggregate in Engineering degree. SC Category (CAT Percentile): 64 and a minimum of 55% aggregate in Engineering degree. ST Category (CAT Percentile): 64 and a minimum of 55% aggregate in Engineering degree. PD Category (CAT Percentile): 64 and a minimum of 55% aggregate in Engineering degree.	Rs.4,25,000/- (Tuition fee) Per year

Programme	Seats	Duration	Eligibility	Fee
Post Graduate Diploma in Sustainable Management (PGDSM) erstwhile Post Graduate Diploma in Industrial Safety & Environ-mental Management (PGDISEM)	42 (15 ISP + 24 Including General, SC,ST, & PD)	2 years	General Category (CAT Percentile): 94 Percentile, EWS 92 Percentile and a minimum of 60% aggregate in engineering degree OBC Category (CAT Percentile): 84 and a minimum of 60% aggregate in Engineering degree. SC Category (CAT Percentile): 62 and a minimum of 55% in Engineering degree. ST Category (CAT Percentile): 62and a minimum of 55% in Engineering degree.	4,25,000/- (Tuition Fee) Per year
Post Graduate Diploma in Manufacturing Management (PGDMM) (Programme closed in 2021)	40 (General, SC,ST, PD & ISP)	2 years	General Category & EWS (GATE Score): 760 and a minimum of 60% aggregate in engineering degree OBC – GATE Score: 684 and a minimum of 60% in engineering degree SC Category (GATE Score): 509 and a minimum of 55% in Engineering degree. ST Category (GATE Score): 509 and a minimum of 55% in Engineering degree. PD Category (GATE Score): 509 and a minimum of 55% in Engineering degree.	Rs.3,20,000/- (Tuition fee) Per year
Post Graduate Diploma in Project Management (PGDPM) (Programme closed in 2021)	40 (General, SC,ST, PD & ISP)	2 years	General Category & EWS (GATE Score): 760 and a minimum of 60% aggregate in engineering degree OBC – GATE Score: 684 and a minimum of 60% in engineering degree SC Category (GATE Score): 509 and a minimum of 55% in engineering degree. ST Category (GATE Score): 509 and a minimum of 55% in Engineering degree. PD Category (GATE Score): 509 and a minimum of 55% in Engineering degree.	Rs.3,20,000/- (Tuition fee) Per year

Placement Facilities:

We provide placement to all students of PG Programmes by inviting a large number of reputed companies for the placement talks during December and for placement interviews during the 1st week of January.

Campus placement in last three years with minimum salary, maximum salary and average salary, is given in the following Table:

<u>**Table : Campus placement in last three years**</u>

Year	Batch	Minimum Salary (Domestic/International (₹. in Lacs)/US$/AED	Maximum Salary Domestic/International (₹. in Lacs) /US$/AED	Overall Average Salary (₹.in Lacs)
2021	PGDIE	INR 9.20 LPA (Domestic) AED 114000 (Foreign)	INR 44 LPA (Domestic) AED 114000 (Foreign)	18.99 LPA
	PGDIM	INR 9.70 LPA (Domestic) AED 114000 (Foreign)	INR 44 LPA (Domestic) AED 114000(Foreign)	20.72 LPA
	PGDISEM	INR 12 LPA (Domestic) ---- AED (Foreign)	INR 44 LPA (Domestic) ---- AED (Foreign)	16.60 LPA
	PGDMM	INR 9.70 LPA (Domestic) ---- AED (Foreign)	INR 30.18 LPA (Domestic) ---- AED (Foreign)	16.28 LPA
	PGDPM	INR 9.70 LPA (Domestic) AED 114000 (Foreign)	INR 44 LPA (Domestic) AED 114000 (Foreign)	16.56 LPA
2020	PGDIE	INR 10.50 (Domestic) KwD 9500 (Foreign)	INR 39.26 (Domestic) USD 82000 (Foreign)	20.90
	PGDIM	INR 10.00 (Domestic) KwD 9500 (Foreign)	INR 46.50 (Domestic) USD 82000 (Foreign)	21.82
	PGDISEM	INR 11.30 (Domestic) N/A	INR 27.00 (Domestic) N/A	16.22
	PGDMM	INR 10.00 (Domestic) N/A	INR 24.00 (Domestic) N/A	16.29
	PGDPM	INR 10.00 (Domestic) N/A	INR 28.00 (Domestic) N/A	19.30
2019	PGDIE	INR 12.00 (Domestic) 90000 AED(Foreign)	INR 30.00 (Domestic) 90000 AED(Foreign)	19.96
	PGDIM	INR 10.00 (Domestic) 90000 AED (Foreign)	INR 46.50 (Domestic) 90000 AED(Foreign)	20.65
	PGDISEM	INR 10.00 (Domestic) N/A	INR 25.50 (Domestic) N/A	15.34
	PGDMM	INR 10.00 (Domestic) N/A	INR 27.58 (Domestic) N/A	17.02
	PGDPM	INR 10.00 (Domestic) 90000 AED (Foreign)	INR 25.58 (Domestic) 90000 AED (Foreign)	16.99

Name and duration of programme(s) having affiliation/collaboration with Foreign University(s)/Institution(s) and being run in the same Campus along with status of their AICTE approval. If there is foreign collaboration, give the following details :

NOT APPLICABLE

VI. FACULTY :

Visiting Faculty, Adjunct Faculty, Guest Faculty

Name of the Guest Faculty

Mr. Jayesh Sadhwani	Prof. Rajendra Nath Mehrotra
Mr. Vinay Emmanuel	Mr. Amit Kumar
Dr. Pallab Saha	Vilasini Prashant Jadhav
Ms. Leonie Dmello	Mr. Sachin Nair
Prof. Vishal Rawal	Prof. Isaac Jacob
Dr. Pallab Saha	Ms.Jacqueline Pereira
Mr. Chidanand Tarai	Dr. Shipra Bhatia
Mr. Aral Prakash	Mr. Sanjeev Doshi
Mr. MD Agarwal	Mr. Kavindra Sharma
Mr. Balaji Ramadura	Mr. Rohit Mansaram Khairnar
Mr. Sumeet Prakash	Mr. Raj Onkar
Mr. Murugan Pugalenthi	Mr. Somnath Roy
Prof. Falguni Rolekar	Dr. Rahul Altekar
Dr.Bishram	S A Srinivasa Moorthy
Mr. Amol Mate	Hemachandra Bhovi
Prof. Sanjeev Chachondia	Mr. Rupesh Kumar Patil
Mr. S A Srinivasa Moorthy	Dr. Debmallya Chatterjee
Lt. Cdr.Dr. Vivekanand M Bankolli	Dr. Indrajit, IIT Bombay
Dr. Ashok Kumar Upadhayay	Mr. Sushruth Apshankar, Pune
Mr. Soumitra Acharya	Prof. Mani K Madala
Ms. Nisha Jhaveri	Dr. Suresh A Nadgouda
Mr. Rajesh Mehta	Mr. Chinmoy Kelkar
Mr. Mitu Samar	Prof.(Ms.) Jaya Mathew
Prof. Ajay Kumar Gupta	Anant Amdekar
Dr. Rahul More	Prof. Debraj Ghosal
Dr. Chandan Chowdhury	Prof. Masuma Merchant
Prof. Kamal Sharma	Mr. Shiv Tiwary
Rakesh Kumar Sinha	Prof. Nikhil Kulkarni
Ashok K Maitra	Prof. Hemanth Kumar
Aparna Vishwasrao	Mr. Daksh
Prof. Anand GK/Prof. Ravindra Soni	Mr. Vinod Durge
Abishek Thakore/Sujata Deshmukh	Mr. B Sreenivas
Dr. Anita Shantaram/Krishna N Venkitaraman	
Saikat Ghosh/Ms Riddhi Parikh Mehta	
Prof. Anand GK	
Mr. Samar Mittal / Ravindra Soni	

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CURRICULUM VITAE

Prof. Manoj Kumar Tiwari, FNAE, FNASc, FIIIE, FIISE (USA) FIETI (Hong Kong)
Director, NITIE Mumbai
Vihar Lake Road, Powai, Mumbai – 400087 (MH)
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Prof. Manoj Kumar Tiwari (*FNAE, FNASc, FIIIE, FIISE, and FIETI*) has taken over as the Director, National Institute of Industrial Engineering (NITIE) Mumbai on Nov 05, 2019. He was a Professor with Higher Academic Grade (HAG) in the Department of Industrial and Systems Engineering at Indian Institute of Technology, Kharagpur. As a researcher, he is working in the domain of Manufacturing System and Supply Chain Management. His research and teaching interests are in modeling the Manufacturing Processes and Operations analysis in Supply Chain Networks. Optimization, Simulation and Computational Intelligence are the main techniques adopted by Prof. Tiwari to automate the decision support system for complex and large scale problems in Manufacturing and Logistics System. His research interests have been supported by several industries, national and international research funding agencies. He has published more than 321 papers (*Scopus H-index-45*) in the International Journals of repute and he has been rated as Rank 1 among top 100 individual researchers across the world who had published research articles in International Journal of Production Research (Taylor & Francis) during the time period 1985-2010 (*International Journal of Production Research*, Volume 51, Issue 23-24, 2013). He is also mentioned as Top leading author in the domain of Supply Chain Analytical Techniques by Journal of Computer & Industrial Engineering (Volume 137, 2019). Recipient of "Most Influential Researcher Award" in the domain of Operations and Supply Chain Management (Award is given during the Third Green Supply Chain International Conference, 2016 organized by School of Business and Economics, Loughborough University, London Campus. Prof. Sir Mike Gregory, Founder and Former Head of IFM, Cambridge University has presented the award). He is the Recipient of Mahalanobis Distinguished Educator Award from the Operations Research Society of India (*ORSI*), in the category of Management education (2017). Prof. Tiwari is Fellow of Institute of Industrial Engineers (*IISE, USA*), Fellow of Indian National academy of Engineering (*INAE, India*), and Fellow of National Academy of Sciences (FNASc, India). He is listed among Top 20 most productive authors in the area of Production and Operations Management as reported in the last 50 years (Published in a survey article in Int. Journal of Production Economics, 2009, 120, 540-551) and rated 2nd among many researchers working in Logistics and Supply Chain Management in India (Analysis of the logistics Research in India-White paper published in TU Dortmund University, Dortmund Germany-2012). He is serving as Associate editors of IEEE System, Man and Cybernetics- System,(SMC-S), International Journal of Production Research(Taylor & Francis), Computers and Industrial Engineering (Elsevier), International Journal of System Science (Taylor & Francis), Journal of Intelligent Manufacturing (Springer), Sadhana (Springer) and Neuro-computing (Elsevier) and Decision Support Systems (Elsevier). Prof. Tiwari is in the editorial board of several International Journals such as EJOR (2010-14), IJCIM, PPC, RCIM, IJAMT, JTS etc.

VIII. FEE

Details of fee, as approved by State Fee Committee, for the Institution. - **Approved by Board of Governors:**
FEE STRUCTURE FOR THE TWO-YEAR POST GRADUATE PROGRAME
Viz. PGDIE

Sr. No.	Fee Nomenclature	PGDIE			
		1st Year Academic year (2019-2020)		2nd Year Academic Year (2020-2021)	
I	Admission Fee	₹	20,000.00		
II	Academic charges*	₹	3,20,000.00	₹	3,20,000.00
III	Facilities charges	₹	1,45,000.00	₹	1,45,000.00
IV	Student welfare and Alumni Activities Charges**	₹	63,000.00	₹	70,000.00
V	Hostel charges	₹	60,000.00	₹	60,000.00
VI	Deposits	₹	50,000.00	₹	
	TOTAL	₹	**6,58,000.00**	₹	**5,95,000.00**

FEE STRUCTURE FOR THE TWO-YEAR POST GRADUATE PROGRAME
Viz. PGDIM/PGDSM

Sr. No.	Fee Nomenclature	PGDIM/PGDISM			
		1st Year Academic year (2019-2020)		2nd Year Academic Year (2020-2021)	
I	Admission Fee	₹	20,000.00		
II	Academic charges*	₹	4,25,000.00	₹	4,25,000.00
III	Facilities charges	₹	1,45,000.00	₹	1,45,000.00
IV	Student welfare and Alumni Activities Charges**	₹	63,000.00	₹	70,000.00
V	Hostel charges	₹	60,000.00	₹	60,000.00
VI	Deposits	₹	50,000.00	₹	
	TOTAL	₹	**7,63,000.00**	₹	**7,00,000.00**

FEE STRUCTURE FOR THE FELLOW PROGRAMME

Sr. No.	Fee Nomenclature	PGDIM/PGDISM			
		1st Year Academic year (2019-2020)		2nd Year Academic Year (2020-2021)	
I	Admission Fee	₹	5,000.00		
II	Academic charges*	₹	24,000.00	₹	4,25,000.00
III	Facilities charges	₹	47,000.00	₹	1,45,000.00
IV	Student welfare and Alumni Activities Charges**	₹	3,000.00	₹	
V	Hostel charges	₹	24,000.00	₹	60,000.00
VI	Deposits	₹	25,000.00	₹	
	TOTAL	₹	**1,28,000.00**	₹	**1,05,000.00**

*SC/ST students are exempted from payment of Academic charges whose annual family income is less than Rs.4.5 lakhs andsuch students shall have to pay all other fees, charges and deposits.

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** Project & Placement facilities charges amounting to ₹.10,000/- not applicable to QIP and Industry Sponsored students.

Time schedule for payment of fee for the entire programme		**One-time annual payment.**

No. of Fee waivers granted with amount and name of students.

The 30%and 50% tuition fee waivers for 2014-2015 batch as approved by BOG, NITIE.

A total of 67 students have been given 100% tuition fee waiver during 2021-2022 batch.

Number of scholarship offered by the institute, duration and amount Criteria for fee waivers/scholarship		**Income limit**

(i) **A total of 60 students were given tuition fee waiver as need based concession in the tuition fee to the extent of 50% and 30% for those students whose family income isless than Rs.1,00,000 and 2,50,000 respectively (for all the PG students)**

(ii) **For GATE qualified students, Teaching Assistantship @Rs.12400/- is payable as per the Govt. of India, Ministry of Human Resource Development's letter No. F.17-2/2014-TS.I dated 18.2.2015 & 2.3.2015 (revised) for PGDIE students.**

(iii) **SC/ST students are granted financial assistance as per the scheme of Govt. of India, (applicable to all eligible PG students).**

Estimated cost of Boarding and Lodging in Hostels		**₹.60,000 per year (approx.)**

IX. ADMISSION:

Number of seats sanctioned with the year of approval.

PGDIE	240 seats - Year 2021 – after EWS implementation
PGDIM	300 seats – Year 2021 after EWS implementation
PGDSM	38 seats – Year 2021 after EWS implementation

| PGDMM | 0 seats - Year 2021 (Programme closed from the year 2021)) |
| PGDPM | 0 seats - Year 2021 (Programme closed from the year 2021) |

Number of students **admitted** under various categories each year in the last three years.

PGDIE	2019-2021 - 143 Students EWS 10, General 61,OBC 38, SC 24,ST 5, PD 2,ISP 3, QIP 0
	2020-2022 - 143 Students EWS 14, General 51, OBC 43, SC 24, ST 10, PD-1, ISP 0, QIP 0
	2021-2023 - 235 Students EWS 26, General 77, OBC 75. SC 36, ST 19, PD-0, ISP 2, QIP 0
PGDIM	2019-2021 - 272 Students EWS 19, GN 123, OBC 83, SC 46, ST 1, PD 0, ISP 0, QIP 0
	2020-2022 - 273 Students E W S 1 6 , General 129, OBC 80, SC 44, ST 2, PD 2
	2021-2023 - 293 Students E W S 1 5 , General 141, KM-6, OBC 78, SC 43, ST 10, PD 0
PGDISEM	2019-2021 - 20 Students EWS 2, General 9, OBC 3, SC 06, ST 0, ISP 0, QIP 0
	2020-2022 - 16 Students EWS 1, General 6, OBC 7, SC 2, ST 0, ISP 0, QIP 0
PGDSM*	2021-2023 - 16 Students EWS 1, General 7, OBC 6, SC 1, ST 01, ISP 0, QIP 0
PGDMM	2019-2021 - 43 Students EWS 2, General 22 OBC 13, SC 06, ST 0, ISP 0, QIP 0
	2020-2022 - 42 Students EWS 03, General 22, OBC 10, SC 5,ST 2, ISP 0
	2021-2023 – Programme closed in 2021
PGDPM	2019-2021 - 41 Students EWS 2, General 20 OBC 12, SC 07, ST 0, ISP 0, QIP 0
	2020-2022 - 35 Students EWS 3, General 13, OBC 10, SC 7, ST 2, ISP
	2021-2023 - Programme closed in 2021

*Post Graduate Diploma in Industrial Safety and Environmental Management (PGDISEM) Name changed to Post Graduate Diploma in Sustainability Management (PGDSM) in the year 2021.

Number of applications received during last two years

| Admission under **Management Quota** | **No management quota is available** |
| | **All the seats are filled up on merit basis only** |

X. ADMISSION PROCEDURE

Mention the admission test being followed, name and address of the Test Agency and its URL (website).

(a)   For PGDIM/PGDISEM:

| Admission Test | **Conducted by CAT Centre under IIMs** |
| Number of seats allotted to different Test Qualified separately [AIEEE/CET (State conducted test/University tests)/Association conducted test] | **Only CAT Qualified candidates** |

Calendar for admission against management/vacant seats:

Last date for request for applications	**End of December**
Last date for submission of application	**End of December**
Dates for Group Discussion (GD)/Interviews	**Exact dates announced in Advertisement & Brochure**
Dates for announcing final results	**2nd week of April**
Release of admission list (main list and waiting list should be announced on the same day)	**2nd week of April; the two lists are announced on the same day.**

(b)   For PGDIE/PGDMM/PGDPM Programme

Admission Test: GATE conducted by IITs

Number of seats allotted to different Test Qualified candidates separately [AIEEE/CET (State conducted test/University tests)/Association conducted test] **- Only GATE Qualified candidates**

Calendar for admission against management/vacant seats:

Last date for request for applications	**First week of April**
Last date for submission of application	**First week of April**
Dates for Group Discussion (GD)/Interviews	**Exact dates announced in Advertisement & Brochure**
Dates for announcing final results	**Last week of May**
Release of admission list (main list and waiting list should be announced on the same day)	First week of May; the two lists are announced on the same day

(c)   Common to all PG Programmes

Date for acceptance by the candidate (time given should in no case be less than 15 days)	**15 days**
Last date for closing of admission	**One week before the commencement of the classes.**
Starting of the Academic session	**3rd week in June**

The waiting list is activated only on the expiry of date of main list.

This is the practice already being followed.

The policy of refund of the fee, in case of withdrawal, should be clearly notified:

The Policy of refund of fee is in accordance with the Government of India rules.

XI.   CRITERIA AND WEIGHTAGES FOR ADMISSION

Describe each criteria with its respective weightages i.e. Admission Test, marks in qualifying Examination etc.

NITIE intake is confined to Engineering graduates only with a minimum of 60% aggregate marks (with 5% relaxation for SC/ST/PD category).

(a)   Shortlisting for Group Discussion and Personal Interview (for PGDIM/PGDISEM)
Candidates meeting the following section-wise cut-off percentile criteria are called for Group Discussion and PersonalInterview in the order of their ranks based on the ratio decided for category wise availability of seats.

PG Programme	Category	Section wise CAT Score cut-off			Total CAT Percentile
		Verbal Percentile	**Data Interpretation & Logical Reasoning**	**Quantitative Percentile**	
PGDIM	General/OC	87.40	87.10	85	97.12
	ON	73.50	73.50	73.50	85.00
	EWS	87.40	87.10	85	97.12
	SC/PD	45.0	45.0	45.0	60.0
	ST	40.0	40.0	40.0	50.0
PGDISEM	General/OC	87.40	87.10	85.00	95.0
	ON	7.50	73.50	73.50	85.0
	EWS	87.40	87.10	85.00	95.0
	SC/PD	45	45	45	60
	ST	40	40	40	50

(b)   Shortlisting for Group Discussion and Personal Interview (for PGDIE)

From among the eligible candidates, top scorers of GATE Score equal to or above 760 score are called for GD & PI based on the ratio decided for category-wise availability of seats, under General Category.
Concession is offered to candidates belonging to SC/ST/OBC/PD categories. Additional concession in percentile is offered to SC/ST candidates to get the sufficient number of candidates from these categories as per the ratio of seats to no. of candidates to be called for GD/PI.

(c)   Preparation of Final Merit List

All candidates who attend the GD and PI are considered for preparing the final merit list according to the total weighted score obtained by each candidate in the order of merit.

The total weightage amounting to 100 is distributed among the seven components as per the score of the candidate viz., (i) Aggregate CAT Score (for PGDIM/PGDISEM/ PGDMM/PGDPM) or Aggregate GATE Score (for PGDIE), (ii) Class X Marks, (iii) Class XII Marks, (iv) Graduation Marks, (v) Experience, (vi) Group Discussion and (vii) Personal Interview.

Based on the total weighted score out of 100, the category-wise merit lists are prepared and admission offers are issued to the top rankers in order of merit according to the category-wise availability of seats.

Mention the minimum level of acceptance, if any	**Same as above**
Display marks scored in Test etc. and in aggregate for all candidates who were admitted.	**Noted**
Item No I - XI must be given in information brochure and must be hosted as fixed content in the website of the Institution.	**Noted**
The Website must be dynamically updated with regard to XII-XV	**Noted**

XII.   APPLICATION FORM:

Downloadable application form, with online submission possibilities. – **Implemented**

XIII.   LIST OF APPLICANTS:

List of candidates whose applications have been received along with percentile/percentage score for each of the qualifying examination in separate categories for open seats. List of candidates who have applied along with percentage and percentile score for **Management quota** seats.	Not applicable

XIV.   RESULTS OF ADMISSION UNDER MANAGEMENT SEATS/VACANT SEATS

Composition of selection team for admission under **Management Quota** with the brief profiles of Members	**No Management Quota Seats**

(This information be made available in the public domain after the admission process is over)

Score of the individual candidates admitted arranged in order of merit	**Not applicable**
List of candidates who have been offered admission	**Not applicable**
Waiting list of the candidates in order of merit to be operative from the last date of joining of the first list candidates	**Noted, and it is already being practiced**

XV. INFORMATION ON INFRASTRUCTURE AND OTHER RESOURCES AVAILABLE LIBRARY:

LIBRARY:

LIBRARY FACILITIES:

A.	Total area of the Library	1433.39 Sq. Mt.
B.	Seating capacity of the Library	120
C.	Reprographic Facility (Yes / No)	Yes
D.	Working hours of Library	Monday to Friday: 9.00 am to 10.00 pm Saturday & Sunday: 11.00 am to 7.00 pm (Closed on Institute's holiday)
E.	Library Networking Facility (Yes / No)	Yes
F.	Usage data of the Library (in terms of books issued to faculty & students etc.)	Library facilities such as Books, Journals, Magazines, Newspapers, Electronic Databases, Online Journals etc. are widely used by all the Faculty members (58 Nos.) and students (900+ Nos.) of the institute. Average issue and return of reading material per day are 8-10. Yearly 14,000 (approx.) textbooks are purchased and distributed to PGP students.
G.	Annual library budget (% of annual: Student's fee collected)	₹. 746.00 lakhs (aprox. 24.75%, of Rs.30,14,49,442.00 (as on 31.03.2019) annual student fee)

A.   Details of Library Staff with Qualification and Pay Scales:

Name of the Post	No. of Post	Qualification & Experience	Pay Band + Grade Pay
Library & Information Officer	1	Master Degree + Master in Library Science & PGDLIM (30 yrs in NITIE Library)	15600 – 39100+ (6600 GP) PB-III
Assistant Library & Information Officer	1	Master Degree + Master in Library Science & M.Phil. + NET (04+ years in NITIE Library and over all 12 plus years' experience)	9300 – 34800 + (4600 GP) PB-II
Sr. Library & Information Assistant	2 (1 vacant)	Master Degree + Bachelor Degree in Library Science (25yrs + in NITIE Library)	9300 – 34800 + (5400 GP) PB-II
Library & Information Assistant	2 (1 Vacant)	Master Degree + Master's Degree in Library Science (25yrs in NITIE Library)	9300 – 34800 + (4800 GP) PB-II
Library Clerks	4 (1 Vacant)	S.S.C. except one is IX pass. (all more than 25 yrs in NITIE Library)	5200 – 20200 + (2800 GP) PB-I
MTS	4 (1 Vacant)	VIIIth Class Passed (1 more than 12 yrs & 2 are since last two months in NITIE Library)	5200 – 20200 + (2000 GP) PB-I

B.   Details of the Library Facilities (as on 31.03.2019)

Course(s)	Number of Titles of Books	Number of Bound Journals	Journals National	Journals International
PGDIE PGDIM PGDISEM PGDPM PGDMM Fellow Programme.	70442 (Technical + L. Reading + Hindi + Marathi + Complementary) and 03 E-books	11955	37	120

NITIE LIBRARY: A Brief Note

The National Institute of Industrial Engineering (NITIE) Library is a learning and knowledge resource center for the academic community since 1965.

The NITIE Library is enriched with intellectually stimulating collections of Technical Books, Reference books, Journals (including print, print+online & online) and Electronic databases in the fields of Industrial Engineering and its allied subjects. Since the Institute is with a residential campus, the library plays a key role in providing information to our staff, officers, and students, in a great extent.

The objective of NITIE library is to facilitate the creation of new knowledge through acquisition, organization and timely dissemination of knowledge resources and providing value-added services. The total collection of library is approximately 82,390 plus books as on 31.03.2019, which include reference books, bound volumes of Journals, Light reading books in English, Hindi & Marathi language and complimentary books.

Library subscribes 157 technical Journals. Out of which 44 are Online, 63 Print+Online and 50 are Print subscriptions. Apart from technical journals, it also subscribes 34 Light reading journals and magazines. Library also has a rich coverage of newspapers. Along with Hindi & English newspaper, it also subscribe regional language newspapers such as Marathi, Gujarati, Tamil, Telugu, Bengali, and Malayalam.

Library also provides "Discovery Service," i.e. EDS, which brings together the most comprehensive collection of the entire subscribed online journal's database as well as put library collection at one platform. From the year 2014 Library is involved in the subscription of Turnitin (Plagiarism) software. It has also started providing HBS, Emerald and IIMA cases service. With this library is facilitating the NITIE community with educational software like Grammarly- A writing assistance software, E-view-10 – data analysis software and many more are in plan to be subscribed in near future.

NITIE is a core member of E-Shodhsindhu consortium (an initiative of MHRD) since its inception along with all the IIT's, IIM's and NIT's. Through consortium, Library gets 11 online databases like (Proquest - ABI / Inform Complete, IEL, Oxford, Springer, ASME, ASCE, etc. with J-Gate Search portal.

Library provides above resources through wide network including Library catalog OPAC (Online Public Access Catalogue) 24 X 7 within the campus. Library uses the *LIBSYS.10* software package for library management. Library has Bar code technology with 3M security system.

From the year 2017 library also started the facility for the Remote Access. Since October 2016 library is functioning from new premises at "Academic cum Library Building" with more space and facilities at three floors. The complete library area is centrally air-conditioned and also with secured Wi-fi facility. Modernization of library is under progress.

LABORATORY:
For each Laboratory List of Major Equipment/Facilities List of Experimental Setup

LABORATORIES

Sl. No.	Name of the Course	Name of the laboratory/ workshop	Total Area of lab/workshop	Major equipment	Total cost of Equipments (₹.)
1.	All PG Programs and Fellow Programme in Operations Management	Advanced Manufacturing Center of Excellence Laboratory (AMCE)	4 Meter x 10 Meter	**CNC Lathe** CNC Mill Robots Automated Storage & Retrieval System Automated Guided Vehicle Vision Inspection System Assembly System Rapid Prototyping Machine Witness Simulation Software	8,80,347 7.69,122 9,57,051 4,93,203 5,08,016 2,69,713 5,60,726 18,50,000 1,61,480
2.	Industrial Safety & Environmental Management (PGDISEM)	Environmental Engineering Lab Industrial Environment Lab	12.5 ft x 20 ft. 8.45 x 5.40 sq.ft (45.63 Sq.m)	Total Organic Carbon Analyser UV-Spectro Photometer Gas Chromatograph Sound Level Meter & Dosimeter	12 Lacs US$ 7840 in 2010 ~Rs.3.8 Lacs

COMPUTING FACILITIES:

Number and Configuration of Systems
Total number of systems connected by LAN
Total number of systems connected to WAN
Internet bandwidth
Major software packages available
Special purpose facilities available

Computer Facilities for the existing programme(s)

1.	No of Computer terminals		**400**
2.	Hardware Specification	P-IV 2.5 GHz, 40GB HDD, 1GB RAM, 15" SVGA COLOUR MONITOR - **76 NOS**. P-IV 2.8 GHz, 160GB HDD, 1GB RAM, 17" TFT FLAT PANEL MONITOR, DVD-CD RW COMBO DRIVE – **159 NOS.**	76 159

		P-IV – HP Compaq dc 7800 Convertible Monitower PC-Core 2 Duo E4400 Processor 1 GB DDR2-Synch DRAM Memory Type: PCs-6400 DDR2 800 SDRAM Internal Hard Disk Drive : 160 GB **42 Nos.**	42
3.	New desk top	Intel Pentium IV 1.5 GHz. Intel 845 chipset motherboard, 128 MB of SD RAM (Hyundai), 1.44 MB floppy drive, 20 GB Hard Disk, 52X CD ROM Drive, 10/100 MBPS fast Ethernet controller, Riva TNT 3d Graphic card with 32 MB VRAM, ATX power supply/cabinet, 2 x Universal Serial Bus (USB) port, Om board sound blaster card, 105 Windows compatible Key Board, 3 Button original scroll Logitech mouse, 15>> Samsung Colour Monitor	**42**
4.	Laptop	HP COMPAQ LAPTOPS Specifications : ▪ Processor : Intel Core 2 Duo 7100 Processor (1.8GHz) with 2MB L2 cache 800MHz FSB ▪ Motherboard & Chipset : Mobile Intel GM 965 or higher chipset on OEM Motherboard ▪ Memory : 1 x 1 GB DDR2 SD RAM 667MHz expandable upto 4GB ▪ HDD: 120GB SATA HDD @ 5400 rpm ▪ Display: 39.1 cm Active Matrix wide screen display (1260 x 800 WXGA Resolution) ▪ Video controller: Integrated Graphics with shared memory ▪ Modem: Integrated 56KBPs Modem (fax/Data) and 10/100/1000 GB faster Ethernet. ▪ Wireless connectivity : Integrated wireless 3945 a/b/g. integrated Bluetooth ▪ CD DVD Combo: Integrated DVD writer 8x and integrated stereo speaker ▪ Keyboard: Keyboard with touch pad ▪ Expansion Port: 2 USB, 10/100 ethernet card, RGB or S-Video or VGA, PCMCI slot, connector for port replicator/docking station, microphone, stereo head phone and other standard features. ▪ Power Supply: 230V, 50Hz AC supply with rechargeable battery pack comprising of Li-lon Batteries suitable for approx. 4 hours operation complete with battery charger/adaptor ▪ Carry case: ▪ Warranty : 3 years onsite comprehensive warranty	**123**
5.	Servers	HP Work Station XW4300 Intel Pentium 4 processor 3.4Hz. Intel 915G exprerss chipset, 800MHz, FSB, 2MB L2 cache, 1GB DDR2, 533 NON ECC Dual channel RAM, 2x160GB SATA (7200rpm) HDD, nvidiaquadro NVS285, with dual Monitor VGA/DVL with 128MB memory PCle 16 x (VGA) graphics, 1394 Fire wire, Controller Card, USB midnight entry, Keyboard grey, Optical Scroll Mouse USB, 19" TFT color monitor, 1 parallel port, 1 serial port, 1 PS/2 Keyboard 1 PS/2 mouse, 6 USB 2.0 ports, IVGA, IRJ-45, 5 audio ports, 10/100/1000 base T NIC on board,	**14**

		16 x DVD +/-RW with Software, FDD 1.44MB, Windows XP Prof., SP2, Adaptec, SCSI CArd 19160 with cable.		
6	No of terminals of LAN/WAN	Office/Hostels/Residence		1200
7.	Peripheral(s)/ Printers			170
8.	Internet Accessibility (in kbps & hrs)	8Mbps leased line [1:1] 8Mbps Radio Frequency [1.1] 1 GBps leased line on fiber		24/7 24/7 24/7
9.	Relevant Legal Software	Application prepared in House as per requirement	System Licensed Microsoft Software	

WORKSHOP:

List of facilities available

Games and Sports Facilities	Basket Ball Court, Foot Ball Court, Volley Ball Court, Carrom Room
Extra Curriculum Activities	Gym
	Personality Development and Communication Skills related software are being used. All students make use of these facilities under the guidance of the Coordinating teaching faculty.

Soft Skill Development Facilities

Nature of Venue	Number	Area in Sq. Mts.
Number of Classrooms and size of each	1	63 to 151
Number of Tutorial rooms and size of each	3	30 to 200
Number of laboratories and size of each	10	22 to 70
Number of drawing halls and size of each	1	411
Number of Computer Centres with capacity of each of	1	322

Central Examination Facility, Number of rooms and capacity of each	Exam Hall – 160 Students
	Exam/Lecture Halls – 440 Students

Building :
1. Available Built up area per student
2. Total Built up Area for the existing programme(s)

Particulars (Carpet Area)	Area required as per norms (Sq. Mt.)	Building with RCC Roof	Building with Sheet Roof (if suitable for educational Institutions)	Total sanctioned intake (last 4 years for Engineering/Pharmacy/ Architecture etc. 2 years. MBA/PGDBM and 3 years for MBA)	Built up area per student	Total Area Available (Sq. Mt.)
Instructional	-	2710.35	411.00		-	3121.35
Administrative	-	2555.00	733.00		-	3288.00
Amenities	-	875.00	17600.00	**519**	-	18475.00
Circulation & Others	-	3808.00	131.00		-	3939.000
Total		9948.35	18875.00		-	28823.35

i) Academic-cum-Library Bldg. – 12737.82
ii) New Hostel Bldg. – 11,144.00

Instructional Area for the existing programme(s) :

Type of Venue	Number of rooms		Carpet area of each room	
	Requirement as per norms	Available in the Institution (Nos.)	Requirement as per norms	Available in the Institution (Sq. Mts.)
Class Rooms		13		1040.00
Tutorial Hall		3		468.00
Drawing Hall (*)		1		411.00
Computer Centre		1		168.00
Library		1		295.00
Laboratories & workshops		5		876.00
Total				

1   Whether any academic activity is being carried out in the basement   Yes [ ]   No [√]
         If yes, give details.

2   Whether a barrier free environment has been created in the building for   Yes [√]   No [ ]
     Physically challenged persons.

3   Whether the Classrooms, Tutorial hall, Drawing hall, Computer centre,   Yes [√]   No [ ]
     Library, Laboratory and workshops are well equipped for the existing
     courses.

22.   Land Availability

Land Category (Rural/District Head Quarter/State Capital/Metropolitan city/Mega City)	Area required as per Land Category (Acres)	Total Area Available (Acres)
State Capital		63.832 Acres

(a)   Whether the said land is demarcated by fencing/boundary   **Yes** [√]   **No** [ ]
        wall for the institution
        (Tick   appropriate box)
(b)   Whether the land is contiguous *(Tick □ appropriate box)*   **Yes** [√]   **No** [ ]

      If Not, Number of plots [   ]   Distance between the plots (Sq.M) [   ]
(c)   Whether the surroundings of the institution are suitable for
        educational purpose   **Yes**   [√]   [ ]

23.   Availability of other facilities:

S.	Parameter	Availability
1	All Weather Approach Road (cemented / kuchha)	Available
2	Potable Water Supply System (own bore well / municipal corporation)	Available

3	Electrical Generator (5kv, 5-10 kv, 10-15 kv, more than 20 kv)		750 KVA
4	Students' Canteen		Yes – 785
5	Students' Common Room (Boys / Girls)		Yes - available
6.	Hostel	Boys	436 rooms double occupancy
		Girls	168 rooms double occupancy
	If no hostel facility is available, whether arrangements have been made for boarding and lodging of students near to the institution, if yes mode of travel from the place of stay to the institution - walkable distance		
7	Principal's Quarters		No
8	Digital Library		Available
9	Quarters for Faculty		Yes – 53
10	Guest House		Yes – 36
11	Parking facilities		Yes – available
12	Medical facilities (full time / part time doctor / dispensary)		Yes – available
13	Insurance facilities (Mediclaim policy for students)		Yes - available
14	Telephone booth		Yes - available
15	Gymnasium /indoor / outdoor stadium		Yes – available
16	Rainwater-harvesting facilities are available		Yes - available
17	Post office facility		Yes – available
18	Bank facility		Yes – available
19	Transport facility for day scholars		Yes – available
20.	Reprographic facilities in the Institutions.		Yes - available
21.	Barrier free environment for physically challenged.		Yes – available

Teaching Learning process

Curricula and syllabi for each of the programmes as approved by the University. :

Enclosed as Annexure - III

Academic Calendar of the University	**Enclosed as Annexure IV**
Academic Time Table	**Enclosed as Annexure V**
Teaching Load of each Faculty	**Enclosed as Annexure VI**
Internal Continuous Evaluation System in place	**Enclosed as Annexure VII**
Students' assessment of Faculty, System in place	**Enclosed as Annexure VIII**

For each Post Graduate programme give the following:

i. Title of the programme
ii. Curricula and Syllabi   **Same as above in Annexure III**

iii. Faculty Profile   **: Available in website**

Brief profile of each faculty. – Available in website.

12 (ii) (b):- Details of the Full Time Teaching Faculty

Sr. No.	Name of the Teaching faculty	Designa-tion	Qualifications	Date of Birth	Experience a)Teaching b) Industry	Date of Joining Institute
1	Prof D K Srivastava	- " -	Ph. D, MA	24.03.1963	26 yrs	29.06.1994
2	Prof S K Nair	- " -	Ph.D, M.Phil, MA, DBM	20.05.1958	25 yrs	05.10.1995
3	Prof L Ganapathy	- " -	Ph.D, M.Tech, B.Sc.	17.12.1961	32 yrs	22.05.1996
4	Prof R Ramaswamy	-"-	FIE., M.Phil, M.Sc.(Tech)	04.06.1957	35 yrs	20.03.1986
5	Prof KVSS Narayana Rao	-"-	Ph. D, PGDIE B.Tech	06.07.1956	37 yrs	14.06.2006
6	Prof A K Pundir	- " -	FIE, F.J.I.E, PGDIE, B.Tech	01.07.1956	31 yrs	15.11.2001
7	Prof (Mrs) Seema Unnikrishnan	-"-	M.Sc (Environ) PGD Fellow ship of NITIE	03.05.1967	24 yrs.	03.01.1994
8	Prof (Mrs.) Vijaya Gupta	-"-	Ph.D. M.Phil. M.A (Economics)	08.05.1962	26 yrs.	08.09.2000
9	Prof. M Venkateshwarlu	-"-	Ph.D.M.Com. B.Com, CMA of ICMA	15.04.1965	32 yrs.	13.07.2006
10	Dr. Sanjay Sharma	-"-	Ph.D. M.Tech. B.E.	04.08.1965	26 yrs	26.07.2007
11	Prof M K Jha	-"-	Ph. D, MBA, M.Tech BE	27.06.1961	29 yrs	18.06.1993
12	Prof T Prasad	- " -	Ph.D, M.Phil M.Com	15.06.1961	38 yrs	01.04.1998
13	Prof V B Khanapuri	-"-	FIE, MBA, B.E	19.09.1964	17 yrs	26.06.2000
14	Prof Hema A Date	- " -	FIE, PGDIE, B.E.	26.01.1964	28 yrs	01.06.1990
15	Prof Shankar Murthy	-"-	Ph.D, M.E, B.E.	28.10.1960	39 yrs	29.06.2006
16	Prof (Mrs) Purnima S Sangle	- " -	Ph.D, M.Sc.	17.04.1971	25 yrs.	24.07.2000

17	Dr Shirish Sangle	- " -	Ph.D, M.Tech, M.Sc	13.08.1969	26 yrs	13.07.2001
18	Dr. Milind A Akarte	-"-	Ph.D. M.Tech, B.E.	16.12.1966	32 yrs	19.06.2009
19	Dr. Padmanav Acharya	-"-	Ph.D IIT (Kharagpur) M.Tech B.E.	19.07.1968	26 yrs	06.06.2014
	Associate Professor					
1	(Mrs) R D Chikhalkar	- " -	FIE M B A, B.Sc.	05.07.1960	34 yrs	28.05.1984
2	Dr (Ms) Anju Singh	- " -	Ph.D,M.Sc	04.04.1966	32 yrs	27.04.2006
3	Dr. Sachin S Kamble	- " -	Ph.D, MBA, B.E	12.06.1974	25 yrs	18.05.2006
4	Dr K Maddulety	- " -	Ph.D, M.Phil, MBA	19.05.1965	31 yrs	05.06.2006
5	Dr Sanjeev Verma	- " -	Ph.D, MBA, PGDCA	02.10.1976	29 yrs	07.06.2006
6	Dr Rakesh Verma	- " -	Ph.D, M.Sc.	19.09.1968	30 yrs	26.07.2006
7	Dr Ranjan Chaudhuri	-"-	Ph.D	01.02.1975	22 yrs	03.07.2007
8	Dr SK Md. Rauf Iqbal	-"-	Ph. D M.Sc	01.08.1968	30 yrs	06.09.2007
9	Dr Nikhil K Mehta	-"-	Ph. D M B A B. Pharm M.A (Psychology)	23.03.1975	23 yrs	06.02.2008
10	Dr. Vivek V Khanzode	-"-	Ph.D. M.Tech, B.E.	16.10.1971	20 yrs	18.4.2013
11.	Dr.Sanjeev C Panandikar	-"-	Ph.D,M.Sc B.Sc.	31.12.1955	31 yrs	30.4.2013
12	Dr Utpal Chattopadhyay	-"-	Ph. D M.Sc. MBA	31.12.1965	24 yrs	09.01.2008
13	Dr. Som Sekhar Bhattacharya	-"-	FPM PGDFM B.Tech	20.02.1978	16 yrs	18.05.2009
14	Dr. Neeraj Pandey	-"-	Ph. D M B A	10.09.1974	21 yrs	04.06.2009
15	Ms Sumi Jha	-"-	F I E M B A	05.08.1975	24 yrs	15.06.2009

16	Prof (Mrs) Upasna A Agarwal	- " -	Ph.D,MBA,MILL, Master of Labour law PGDM,PM&IR	14.9 1977	13 yrs	23.04.2013
17	Prof. B Koteswara Rao Naik	-"-	B.Tech (Chemical) MBA (HR&PM) Ph.D.	10.4.1979	11 yrs.	06.05.2013
18	Dr. Balkrishna Eknath Narkhede	-"-	B.E.(Production Engg) M.Tech (F.A.T & A.S.M.) Ph.D. (Mechanical Engg).	20.06.1973	21 yrs	29.9.2017
	Assistant Professor					
1	Prof(Ms) Hema Diwan	-"-	B.Sc/ M.Sc. Environmental Science/Ph.D. NET/ SLET / PGCAP	09.2.1981	09 yrs	01.4.2013
2	Prof Binilkumar A S	-"-	B.A / M.A.Ph.D.	16.4.1977	13 yrs	16.4.2013
3	Prof Priyanka Verma	-"-	B.E (Mechanical) M.Tech (IME) Ph.D. (Operations Research)	08.07.1981	11 yrs	26.11.2013
4	Prof Ruchita Gupta	-"-	Ph.D B.E (Mechanical) M.Tech	19.12.1978	13 yrs	02.12.2013
5	Prof Ravindra Shridhar Gokhale	-"-	B.E /M.Tech Ph.D.	07.04.1976	15 yrs.	19.12.2013
6	Prof Rakesh Dulichand Raut	-"-	B.E. (Production) M.Tech (Mechanical) NITIE fellow Post–Doct (EPFL)	09.07.1980	08 yrs	01.01.2014
7	Prof (Ms.) KS Ranjani	-"-	B.Com / C.A.FCA ICWA / M.Phil, Ph.D.	16.12.1974	20 yrs.	26.02.2014
8	Prof (Ms) Poonam Singh	-"-	Ph.D (Economics) M.A. B.A.	21.12.1980	21 yrs.	05.9.2014
9	Prof Vipul Kumar Singh	-"-	M. Sc, MBA Ph.D.	22.12.1980	13 yrs	13.04.2015
10	Prof (Ms) Sushmita A Narayana	-"-	B.E FPM	16.05.1986	04 yrs	11.06.2015

11	Prof Ajaya Kumar Panda	-"-	M.A/M.Phil Ph.D.	02.05.1980	11 yrs	08.07.2015
12	Prof Kanchan D Joshi (	-"-	BE (Electronics) MMS, Ph.D.	20.01.1984	04 yrs	21.08.2015
13	Prof Mainak Mazumdar	-"-	B.Sc (Economics) M.Sc.(Economics) Ph.D.	20.12.1978	09 yrs	01.08.2016
14	Dr. Debabrata Das	-"-	Ph.D.	05.12.2018	5 yrs	11.05.2018
15	Prof (Ms) Neha Srivastava (On contract basis)	-"-	Fellow /Ph.D (IIM Lucknow) M.Com B.Com	18.10.1983	3 Yrs	11.01.2018
16	Prof Vidhadhar V Gedam (On contract basis)	-"-	B.E.M.Tech (Envir. Engg Ph.D (Envir. Engg)	23.01.1985	5 yrs	24.01.2018
17	Prof (Ms) D Jinil Persis (On contract basis)	-"-	B.E, M.E. Ph.D	29.05.1985	3 Yrs	06.02.2018
18	Prof Sumant Kumar Bishwas (On contract basis)	-"-	B.Tech, MBA, Ph.D	20.06.1986	4 Years	05.03.2018
19	Prof Gaurva Kabra	-"-	B.Tech, MBA, Ph.D	02.12.1987	3 Years	02.05.2018

Laboratory facilities exclusive to the PG programme – **N.A.**

Special Purpose
Software, all design tools in case
Academic Calendar and frame work
Research focus

List of typical research projects.

Industry Linkage

Institute has a Cell, Industry-Institute Partnership Cell.

Publications (if any) out of research in last three years out of masters projects

Every student of PG Programmes undertakes the Project work in Industry and all these reports are preserved in the Institute after evaluation

Placement status

Total of students placed by the Institution through its Placement Cell (Discipline wise) – Last three years

Discipline	Year of Passing	Total of students passed out (last 3 years)	Total of students placed through placement cell (last 3 years)	Remarks
PGDIE	2021	119	119	01 Opted out
	2020	108	107	01 Sponsored
	2019	89	88	
PGDIM	2021	266	266	02 Opted Out
	2020	242	239	03 Opted Out
	2019	225	224	01 Opted out
PGDISEM	2021	18	18	01 Opted Out
	2020	15	14	01 Opted Out
	2019	16	16	-
PGDMM*	2021	37	37	-
	2020	28	28	-
	2019	19	19	-
PGDPM*	2021	40	40	-
	2020	22	21	01 Opted Out
	2019	30	30	-

*Programme closed in the year 2021.

Admission procedure	:	**Details given in item X of the Mandatory Disclosure.**	
Hostel Facilities	:	.	
	Boys	436 rooms (Double occupancy 872 students can be accommodated)	
Hostel	Girls	168 rooms (Double occupancy 336 students can be accommodated)	

Fee Structure: Fee structure is given in Sr. VIII

Contact address of Dean (Academics) of the PG programme

Name   : **Prof. Padmanav Acharya**
                Dean (Academic)
Address   : **NITIE, Vihar Lake Road, Mumbai 400 087**
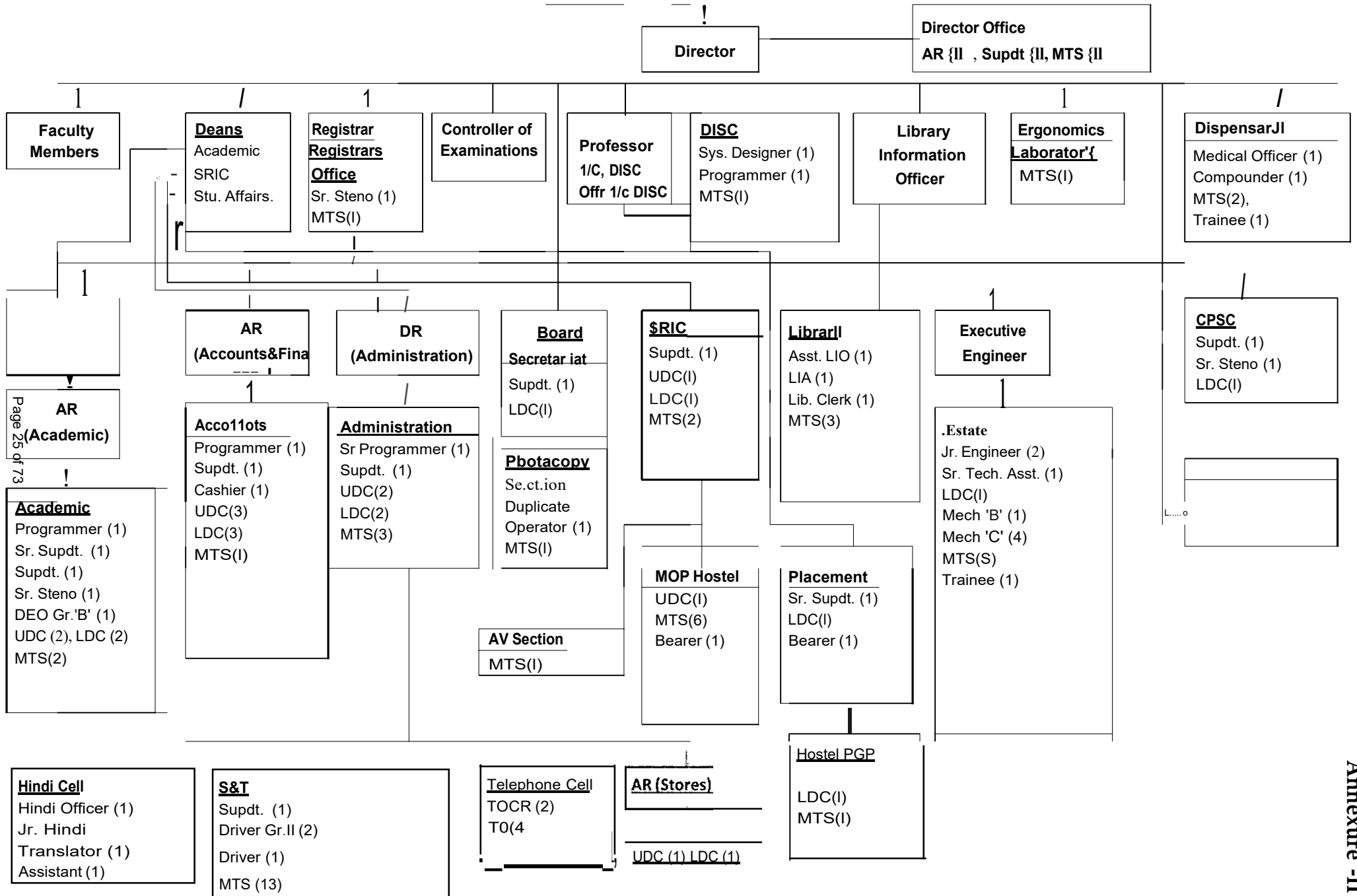Telephone : **022 28573371, 02228035311**
E-mail   **:** **pacharya@nitie.ac.in**

NOTE: Suppression and/or misrepresentation of information would attract appropriate penal action.

LIST OF NITIE BOARD OF GOVERNORS
(w.e.f. 27.03.2017 to 26.03.2021)

I	Chairman	Prof. Sanjay G Dhande, Former Member UGC and Former Director, IIT Kanpur
II	**Representatives of Central Government**	
	Ministry of Finance	Ms Darshana M Dabral Joint Secretary (Financial Adviser), MHRD
	Department of Higher Education	Shri Madhu Ranjan Kumar Jt. Secretary (DL & A), MHRD
	Ministry of Commerce & Industry	Dr. Ashish Kumar, Sr. Dev. Officer, Department of Industrial Promotion and Policy
III	Representative of National Productivity Council	Dr. Amita Prasad, IAS, Director General, NPC
IV	Representative of All India Council for Technical Education	Prof. Prem Vrat, Former Director, IIT Roorkee,
V	Four representatives of Industry including Public Enterprises nominated by Central Government	1. Shri V Kalyana Rama, CMD, Concor 2. Shri Atul Chandrakant Kulkarni, Independent Consultant 3. Shri Anand Sankeshwar, Managing Director & Whole Time Managing Director, VRL Logistics 4. Shri Shashi Kiran Shetty, Allcargo Logistics
VI	Two Members Representing Workers' Organizations	1. Shri Pawan Kumar, BMS 2. Shri Surendra Kumar Pandey, BMS
VII	Two representative of other interests such as Engineering professions and technical institutions, etc.	1. Dr. A M Rawani, Director, NIT Raipur 2. Prof. Nomesh Bolia, Assoc Prof. (IE & OR), IIT Delhi.
VIII	Two co-opted Members Representatives Industrial Engineering, Productivity Sciences, etc. (co-opted by the Board)	1. Shri B Prasada Rao, Former CMD, BHEL 2. Shri Pramod Chaudhari, Founder and Executive Chairman, Praj Industries Ltd.
IX	One Representative of Govt. of Maharashtra co-opted by the Board	Shri Saurabh Vijay, Secretary, Higher & Technical Education Dept., Government of Maharashtra, Mantralaya, Mumbai.
X	Two members of NITIE Teaching Faculty to be co-opted by the Chairman, NITIE BoG	1. Prof. Seema Unnikrishnan, Professor (Environmental Engineering & Management) 2. Prof. Vijaya Gupta, (Economics & Strategy)
XI	Ex-officio Member	Prof. Manoj K. Tiwari, Director, NITIE
XII	Ex-officio Secretary	Shri Basavaraj Swamy, Registrar

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Board of Governors

Director

Director Office
AR {ll , Supdt {ll, MTS {ll

Faculty Members

Deans
Academic
SRIC
Stu. Affairs.

Registrar
Registrars Office
Sr. Steno (1)
MTS(I)

Controller of Examinations

Professor 1/C, DISC
Offr 1/c DISC

DISC
Sys. Designer (1)
Programmer (1)
MTS(I)

Library Information Officer

Ergonomics Laborator'{
MTS(I)

DispensarJl
Medical Officer (1)
Compounder (1)
MTS(2),
Trainee (1)

AR (Academic)

Academic
Programmer (1)
Sr. Supdt. (1)
Supdt. (1)
Sr. Steno (1)
DEO Gr.'B' (1)
UDC (2), LDC (2)
MTS(2)

AR (Accounts&Fina___)

Acco11ots
Programmer (1)
Supdt. (1)
Cashier (1)
UDC(3)
LDC(3)
MTS(I)

DR (Administration)

Administration
Sr Programmer (1)
Supdt. (1)
UDC(2)
LDC(2)
MTS(3)

Board
Secretar iat
Supdt. (1)
LDC(I)

Pbotacopy
Se.ct.ion
Duplicate
Operator (1)
MTS(I)

$RIC
Supdt. (1)
UDC(I)
LDC(I)
MTS(2)

Librarll
Asst. LIO (1)
LIA (1)
Lib. Clerk (1)
MTS(3)

Executive Engineer

.Estate
Jr. Engineer (2)
Sr. Tech. Asst. (1)
LDC(I)
Mech 'B' (1)
Mech 'C' (4)
MTS(S)
Trainee (1)

CPSC
Supdt. (1)
Sr. Steno (1)
LDC(I)

MOP Hostel
UDC(I)
MTS(6)
Bearer (1)

Placement
Sr. Supdt. (1)
LDC(I)
Bearer (1)

AV Section
MTS(I)

Hostel PGP
LDC(I)
MTS(I)

Hindi Cell
Hindi Officer (1)
Jr. Hindi Translator (1)
Assistant (1)

S&T
Supdt. (1)
Driver Gr.II (2)
Driver (1)
MTS (13)

Telephone Cell
TOCR (2)
T0(4

AR (Stores)

UDC (1) LDC (1)

Annexure -II

REPORT

REVISED CURRICULUM

Post Graduate Diploma in Industrial Engineering Post Graduate Diploma in Manufacturing Management Post Graduate Diploma in Project Management

(Effective from AY 2018-19)

March, 2018

NATIONAL INSTITUTE OF INDUSTRIAL ENGINEERING

Vihar Lake Road, Powai, Mumbai – 400 087 India

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PROGRAMME STRUCTURE
M.Tech Equivalent Programmes (PGDIE/ PGDMM/ PGDPM)
(Effective from AY 2018-19)

Sr No	Type of Course	No. of Courses*	Total Credits
1	Institute Core (IC)	12	36
2	Program Core (PC)	8	24
3	Program Elective (PE)	6	18
4	Institute Elective (IE)	4	12
5	Summer Internship	-	6
6	Project Stage-I	-	6
7	Project Stage-II	-	12
8	Project Stage-III	-	12
		Total	**126**
* Each course shall be of 3 credits each			

Module wise break up of number of courses									
Type of Course	**Total Courses**	**Module No**							
		1	**2**	**3**	**4**	**5**	**6**	**7**	**8**
Institute Core	12	6	3	2	Summer Internship	1			
Program Core	8		3	3		2			
Program Elective	6			1		3	2		
Institute Elective	4						2	2	
Final Project (Dissertation work)							6 Credits	12 Credits	12 Credits

PGDIE Programme Structure – First Year

**Post Graduate Diploma in Industrial Engineering (First Year)**				
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 1		Industrial Engineering & Productivity Management	3	IC
		Operations Management	3	IC
		Managerial Economics	3	IC
		Marketing Management	3	IC
		Business Communication	3	IC
		Quantitative Techniques for Decision Making	3	IC
		Total	**18**	
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 2		Managerial Accounting	3	IC
		Organization Behavior	3	IC
		Information Systems and Artificial Intelligence	3	IC
		Work System Design	3	PC
		Operations Research	3	PC
		Supply Chain Management	3	PC
		Total	**18**	
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 3		Technology & Innovation Management	3	IC
		Sustainable Development for Business	3	IC
		Facilities and Layout Planning	3	PC
		Procurement and Materials Management	3	PC
		Quality Engineering and Management	3	PC
		Programme Elective -1	3	PE
		Total	18	
Module 4		Summer Internship	6	
		Total Credits -First Year	**60**	

PGDIE Programme Structure – Second Year

Post Graduate Diploma in Industrial Engineering (Second Year)				
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 5		Legal and Ethical Aspects of Business	3	IC
		Human factor Engineering	3	PC
		Project Management	3	PC
		Programme Elective – 2	3	PE
		Programme Elective – 3	3	PE
		Programme Elective – 4	3	PE
		Total	**18**	
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 6		Programme Elective – 5	3	PE
		Programme Elective – 6	3	PE
		Institute Elective – 1	3	IE
		Institute Elective – 2	3	IE
		Project Stage-I	6	
		Total	**18**	
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 7		Institute Elective – 3	3	IE
		Institute Elective – 4	3	IE
		Project Stage-II	12	
		Total	**18**	
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 8		Project Stage-III	12	
		Total Credits -Year 2	66	
		Total Course Credits	*126*	

PGDMM Programme Structure – First Year

Post Graduate Diploma in Manufacturing Management (First Year)				
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 1		Industrial Engineering & Productivity Management	3	IC
		Operations Management	3	IC
		Managerial Economics	3	IC
		Marketing Management	3	IC
		Business Communication	3	IC
		Quantitative Techniques for Decision Making	3	IC
		Total	**18**	
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 2		Managerial Accounting	3	IC
		Organization Behavior	3	IC
		Information Systems and Artificial Intelligence	3	IC
		Work System Design	3	PC
		Quality Engineering and Management	3	PC
		Supply Chain Management	3	PC
		Total	**18**	
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 3		Technology & Innovation Management	3	IC
		Sustainable Development for Business	3	IC
		Manufacturing Strategy	3	PC
		Manufacturing System Design	3	PC
		Manufacturing Planning and Control	3	PC
		Programme Elective -1	3	PE
		Total	18	
Module 4		Summer Internship	6	
		Total Credits -First Year	**60**	

PGDMM Programme Structure – Second Year

Post Graduate Diploma in Manufacturing Management (Second Year)				
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 5		Legal and Ethical Aspects of Business	3	IC
		Facilities and Layout Planning	3	PC
		Industrial Ergonomics	3	PC
		Programme Elective – 2	3	PE
		Programme Elective – 3	3	PE
		Programme Elective – 4	3	PE
		Total	**18**	
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 6		Programme Elective – 5	3	PE
		Programme Elective – 7	3	PE
		Institute Elective – 1	3	IE
		Institute Elective – 2	3	IE
		Project Stage-I	6	
		Total	**18**	
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 7		Institute Elective – 3	3	IE
		Institute Elective – 4	3	IE
		Project Stage-II	12	
		Total	**18**	
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 8		Project Stage-III	12	
		Total Credits -Year 2	66	
		Total Course Credits	*126*	

PGDPM Programme Structure – First Year

Post Graduate Diploma in Project Management (First Year)				
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 1		Industrial Engineering & Productivity Management	3	IC
		Operations Management	3	IC
		Managerial Economics	3	IC
		Marketing Management	3	IC
		Business Communication	3	IC
		Quantitative Techniques for Decision Making	3	IC
		Total	**18**	
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 2		Managerial Accounting	3	IC
		Organization Behavior	3	IC
		Information Systems and Artificial Intelligence	3	IC
		Project Appraisal and Feasibility	3	PC
		Project Planning and Scheduling	3	PC
		Project Finance and Cost budgeting	3	PC
		Total	**18**	
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 3		Technology & Innovation Management	3	IC
		Sustainable Development for Business	3	IC
		Project Execution	3	PC
		Project Risk Management	3	PC
		Agile Project Management	3	PC
		Programme Elective -1	3	PE
		Total	18	
Module 4		Summer Internship	6	
		Total Credits -First Year	**60**	

PGDPM Programme Structure – Second Year

Module	Course Code	Course Title	Credits	Course Type
		Post Graduate Diploma in Project Management (Second Year)		
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 5		Legal and Ethical Aspects of Business	3	IC
		Project Site and Plant Design	3	PC
		Strategic Project Management	3	PC
		Programme Elective – 2	3	PE
		Programme Elective – 3	3	PE
		Programme Elective – 4	3	PE
		Total	**18**	
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 6		Programme Elective – 5	3	PE
		Programme Elective – 7	3	PE
		Institute Elective – 1	3	IE
		Institute Elective – 2	3	IE
		Project Stage-I	6	
		Total	**18**	
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 7		Institute Elective – 3	3	IE
		Institute Elective – 4	3	IE
		Project Stage-II	12	
		Total	**18**	
Module	**Course Code**	**Course Title**	**Credits**	**Course Type**
Module 8		Project Stage-III	12	
		Total Credits -Year 2	66	
		Total Course Credits	***126***	

INSTITUTE CORE (IC) COURSES

List of Institute Core (IC) courses – (PGDIE/ PGDMM/ PGDPM)			
Sr No	**Course Code**	**Course Title**	**Credits**
1		Industrial Engineering & Productivity Management	3
2		Operations Management	3
3		Managerial Economics	3
4		Marketing Management	3
5		Business Communication	3
6		Quantitative Techniques for Decision Making	3
7		Managerial Accounting	3
8		Organization Behavior	3
9		Information Systems and Artificial Intelligence	3
10		Technology & Innovation Management	3
11		Sustainable Development for Business	3
12		Legal and Ethical Aspects of Business	3

PROGRAMME CORE (PC) COURSES

PGDIE Programme

Sr No	Course Code	Course Title	Credits
1.		Work System Design	3
2.		Quality Engineering and Management	3
3.		Supply Chain Management	3
4.		Facilities and Layout Planning	3
5.		Procurement and Materials Management	3
6.		Operations Research	3
7.		Human Factor Engineering	3
8.		Project Management	3

PGDMM Programme

Sr No	Course Code	Course Title	Credits
1.		Work System Design	3
2.		Quality Engineering and Management	3
3.		Supply Chain Management	3
4.		Manufacturing Strategy	3
5.		Manufacturing System Design	3
6.		Manufacturing Planning and Control	3
7.		Facilities and Layout Planning	3
8.		Industrial Ergonomics	3

PGDPM Programme

Sr No	Course Code	Course Title	Credits
1.		Project Appraisal and Feasibility	3
2.		Project Planning and Scheduling	3
3.		Project Finance and Cost budgeting	3
4.		Project Execution	3
5.		Agile Project Management	3
6.		Project Risk Management	3
7.		Project Site and Plant Design	3
8.		Strategic Project Management	3

PROGRAMME ELECTIVE (PE) COURSES

PGDIE Programme

Industrial Engineering and Manufacturing Systems			
Sr No	Course Code	Course Title	Credits
1.		Manufacturing Planning and Control	
2.		Computer Integrated Manufacturing	3
3.		Flexible Manufacturing System	3
4.		Fuzzy Logic & its Applications in Industrial Engineering	3
5.		Global and Collaborative Manufacturing	3
6.		Lean Manufacturing	3
7.		Maintenance Management	3
8.		Manufacturing Strategy	3
9.		Manufacturing System Design	3
10.		Manufacturing Systems and Service Operations	3
11.		Additive Manufacturing	3
12.		Ergonomic Assessment Tools in Industrial Health and Safety Management	3
13.		Ergonomics in Manufacturing Industry	3
14.		Simulation Modeling and Analysis	3
15.		System Dynamics Modeling	3
16.		Intelligent Optimization Techniques for SCM	3
17.		Reliability Engineering	3
Operation and Supply Chain Management			
Sr No	Course Code	Course Title	Credits
1.		Logistics Management	3
2.		Services Operation Management	3
3.		Supply Chain Analytics	3
4.		International Operations Management	3
Decision Science and Information Systems			
Sr No	Course Code	Course Title	Credits
1.		Information Systems for Manufacturing Asset Management	3
2.		Emerging Technologies in Manufacturing	3
3.		Fuzzy Logic for Problem Solving	3
4.		Multi-Objective Optimization	3
5.		Business Analytics using Data Mining	3
6.		Enterprise Resource Planning	3
7.		IoT for Industrial Applications	3
8.		Cloud Computing for Business	3
9.		Big Data Analytics	3

Sr No	Course Code	Course Title	Credits
10.		Business Research Methods	3
11.		Additional Topics in Artificial Intelligence	3
12.		Agile Business through Digital Transformation	3
13.		Business Process Management for Risk and Performance Management	3
14.		Business Intelligence, Decision Support System & AI Applications	3
15.		Concepts in Machine Learning	3
16.		Concepts in Data Structure and Algorithm with Python Programming	3
17.		E-Commerce System for Business	3
18.		E-Customer Relationship Management	3
19.		IT Consultancy Management	3
20.		Digital Strategy	3
21.		IT Risk Management	3
22.		Data Analytics and Knowledge Management	3
23.		Advanced Statistics	3
24.		Time Series and Forecasting	3
25.		Multivariate Data Analysis	3
26.		Advanced Operations Research	3
27.		Agent Based Modeling and Simulation	3
28.		Markovian Decision Process	3

Engineering Technology and Project Management

Sr No	Course Code	Course Title	Credits
1.		Network Manufacturing	3
2.		Design of a Smart Manufacturing Plant	3
3.		Strategic New Product Development	3
4.		Model based approach to Project Management	3
5.		Competitive Intelligence, Networks and strategy Modelling	3
6.		Management of Technology Transfer and Acquisition	3
7.		Project Risk Management	3
8.		Managing Global Projects	3
9.		R&D Project Management	3
10.		Management of Intellectual Property	3
11.		Roadmap Through Innovation Forecasting And Foresight	3
12.		Managing Creativity	3
13.		Business Models for Digital Platform	3
14.		Managing Complex and Large Engineering Projects	3
15.		Technology Entrepreneurship for Engineers	3

PROGRAMME ELECTIVE (PE) COURSES
PGDMM Programme

Sr No	Course Code	Course Title	Credits
Industrial Engineering and Manufacturing Systems			
Sr No	**Course Code**	**Course Title**	**Credits**
1.		Product Life Cycle Management	3
2.		Design for Manufacturing & Assembly	3
3.		Strategic Procurement	3
4.		Lean Product Development	3
5.		Additive Manufacturing	3
6.		Reliability Engineering	3
7.		Network & Collaborative Manufacturing	3
8.		Lean manufacturing	3
9.		Product Design, Process Planning and Cost Estimation	3
10.		Simulation Modeling and Analysis	3
11.		System Dynamics Modeling	3
12.		Maintenance Management	3
13.		Flexible Manufacturing System	3
14.		Computer Integrated Manufacturing	3
15.		Manufacturing Modeling - Quantitative Approach	3
16.		Intelligent Optimization Techniques for SCM	3
Operations and Supply Chain Management			
Sr No	**Course Code**	**Course Title**	**Credits**
1.		Supply Chain & Inventory Management	3
2.		International Operations Management	3
3.		Supply Chain Analytics	3
4.		Logistics Management	3
Decision Sciences and Information Systems			
Sr No	**Course Code**	**Course Title**	**Credits**
1.		Operations Research	3
2.		Information Systems for Manufacturing Asset Management	3
3.		Emerging Technologies in Manufacturing	3
4.		Business Analytics using Data Mining	3
5.		Enterprise Resource Planning	3
6.		IoT for Industrial Applications	3
7.		Big Data Analytics	3
8.		Business Research Methods	3
9.		Additional Topics in Artificial Intelligence	3
10.		Agile Business through Digital Transformation	3

Sr No	Course Code	Course Title	Credits
11.		Business Process Management for Risk and Performance Management	3
12.		Business Intelligence, Decision Support System & AI Applications	3
13.		Concepts in Machine Learning	3
14.		Concepts in Data Structure and Algorithm with Python Programming	3
15.		E-Commerce System for Business	3
16.		E- Customer Relationship Management	3
17.		IT Consultancy Management	3
18.		Digital Strategy	3
19.		IT Risk Management	3
20.		Data Analytics and Knowledge Management	3
21.		Advanced Statistics	3
22.		Time Series and Forecasting	3
23.		Multivariate Data Analysis	3
24.		Advanced Operations Research	3
25.		Agent Based Modeling and Simulation	3
26.		Markovian Decision Process	3

Engineering Technology and Project Management

Sr No	Course Code	Course Title	Credits
1.		Project Management	3
2.		Network Manufacturing	3
3.		Design of a Smart Manufacturing Plant	3
4.		Strategic New Product Development	3
5.		Model based approach to Project Management	3
6.		Competitive Intelligence, Networks and strategy modelling	3
7.		Management of Technology Transfer and Acquisition	3
8.		Project Risk Management	3
9.		Managing Global Projects	3
10.		R&D Project Management	3
11.		Management of Intellectual Property	3
12.		Roadmap Through Innovation Forecasting And Foresight	3
13.		Managing Creativity	3
14.		Business Models for Digital Platform	3
15.		Managing Complex and Large Engineering Projects	3
16.		Technology Entrepreneurship for Engineers	3

PROGRAMME ELECTIVE (PE) COURSES
PGDPM Programme

Sr No	Course Code	Course Title	Credits
Industrial Engineering and Manufacturing Systems			
Sr No	Course Code	Course Title	Credits
1.		Simulation Modeling and Analysis	3
2.		System Dynamics Modeling	3
Operation and Supply Chain Management			
Sr No	Course Code	Course Title	Credits
1		Logistics Management	3
2		Services Operation Management	3
3		Supply Chain Analytics	3
Decision Sciences and Information Systems			
Sr No	Course Code	Course Title	Credits
1.		Operations Research	3
2.		Business Analytics using Data Mining	3
3.		Enterprise Resource Planning	3
4.		Managing Digital Transformation in the Enterprise	3
5.		Big Data Analytics	3
6.		Business Research Methods	3
7.		Additional Topics in Artificial Intelligence	3
8.		Agile Business through Digital Transformation	3
9.		Business Process Management for Risk and Performance Management	3
10.		Business Intelligence, Decision Support System & AI Applications	3
11.		Concepts in Machine Learning	3
12.		Concepts in Data Structure and Algorithm with Python Programming	3
13.		E-Commerce System for Business	3
14.		E- Customer Relationship Management	3
15.		IT Consultancy Management	3
16.		Digital Strategy	3
17.		IT Risk Management	3
18.		Data Analytics and Knowledge Management	3
19.		Advanced Statistics	3
20.		Time Series and Forecasting	3
21.		Multivariate Data Analysis	3
22.		Advanced Operations Research	3
23.		Agent Based Modeling and Simulation	3
24.		Markovian Decision Process	3

Engineering Technology and Project Management			
Sr No	Course Code	Course Title	Credits
1.		Project Procurement & Contracts Management	3
2.		Quantitative Modelling for Project Management	3
3.		Technology Entrepreneurship for Engineers	3
4.		Management of Technology Transfer and Acquisition	3
5.		Competitive Intelligence, Networks and strategy modeling	3
6.		**R&D Project Management**	
7.		Strategic New Product Development	3
8.		Managing complex and large engineering projects	3
9.		Model based approach to project management	3
10.		**Management of Intellectual Property**	3
11.		Managing Creativity	3
12.		Project Stakeholder & Communications Management	3
13.		Project Configuration and Change Management	3
14.		Safety in Construction Management	3
15.		Event Management	3
16.		Healthcare Project Management	3
17.		Real Estate Development and Management	3
18.		Program Management	3
19.		Project Negotiation Management	3
20.		Managing Global Projects	3
21.		**R&D Project Management**	3
22.		**Management of Intellectual Property**	3
23.		Roadmap Through Innovation Forecasting And Foresight	3
24.		Managing Government/Defense projects	3
25.		Business Models for Digital Platform	3

INSTITUTE ELECTIVE (IE) COURSES
PGDIE/ PGDMM/ PGDPM Programme

Sr No	Course Code	Course Title	Credits
Accounting and Finance			
1.		Financial Management	3
2.		Mergers, Acquisitions And Corporate Restructuring	3
3.		Financial Risk Management	3
4.		Strategic Cost Management	3
5.		Financial Time Series Modelling	3
6.		Investment Analysis And Portfolio Management	3
7.		Derivatives And Financial Modelling	3
8.		International Finance	3
9.		Fixed Income And Structured Finance	3
10.		Commercial Bank Management	3
11.		Analytical Finance	3
12.		Asset Valuation And Modeling	3
13.		Financial Intermediaries And Markets	3
14.		Advanced Financial Statement Analysis	3
15.		Infrastructure Finance And Project Management	3
Economics and Strategy			
Sr.No	**Course Code**	**Course Title**	**Credits**
1.		Macroeconomic Environment and Policy	3
2.		Industrial Organization	3
3.		Business Analysis and Econometric Applications	3
4.		Industrial Resource Economics	3
5.		Digital Economics	3
6.		Indian Economy	3
7.		Network Economics	3
8.		Global Competitiveness	3
9.		Public Systems and Policy	
Environmental Engineering Management			
Sr.No	**Course Code**	**Course Title**	**Credits**
1.		Environmental Impact Assessment for Development Projects (IE/PM)	3
2.		Shop Floor Waste Management (IE/MM)	3
3.		Strategic Corporate Social Responsibility (IE)	3
4.		Sustainability Standards & Guidelines (IE/MM)	3
5.		Energy Management (IE/MM)	3
6.		Sustainable Operations Management (IE/MM)	3

Sr.No		Course Title	Credits
7.		Business strategies for sustainability (MM/PM)	3
8.		Environmentally sustainable strategy & operations (MM)	3

Marketing

Sr.No	Course Code	Course Title	Credits
1.		Marketing for Hi Tech Products	3
2.		Pricing for Industrial Products	3
3.		Services Marketing	3
4.		Marketing Research	3
5.		Marketing Analytics	3
6.		International Marketing	3
7.		Digital Marketing	3

Organization Behaviour and Human Resource

Sr.No	Course Code	Course Title	Credits
1.		Human Resource Management	3
2.		Principles of Organization and Management	3
3.		Training and Development	3
4.		Organizational Change and Development	3
5.		Cognitive Psychology	3
6.		Leadership Development	3
7.		Cross Cultural Development	3
8.		Managing Human Resources and Industrial Relations	3
9.		Soft Skills Development	3
10.		Qualitative Research	3
11.		Entrepreneurship Development	3
12.		AICTE Student Startup	3
13.		HR Analytics	

Report

on

Curriculum Review

Post-Graduate Diploma in Industrial Management

Post-Graduate Diploma in Industrial Safety and Environmental Management

September 2013

National Institute of Industrial Engineering
Mumbai-400087

Contents

POST GRADUATE DIPLOMA IN INDUSTRIAL MANAGEMENT

PROPOSED STRUCTURE

S. No.	Coverage	No. of Courses*	Credits
	Functional Domain Areas	8	24
	Skill Development	4	12
	Perspective Development	3	9
	Domain Area of Industrial Management	5	15
	Elective Courses	15	45
	Summer Internship (8 Weeks)	-	6
	Total	**35**	**111**

Each course shall be of 3 credits each.

PGDIMCURRICULUM

Module	Course Code	Course Title	Credits
I	01	OrganisationalBehaviour and Human Resource Management	3
	02	Managerial Accounting	3
	03	Business Communication	3
	04	Managerial Economics	3
	05	Statistics for Management	3
	06	Industrial Engineering and Productivity Management	3
		Total	**18**
Module	Course Code	Course Title	Credits
II	01	Financial Management	3
	02	Business Research Methods	3
	03	Operations Management	3
	04	Procurement and Materials Management	3
	05	Quality Management	3
	06	Project Management	3
		Total	**18**
Module	Course Code	Course Title	Credits
III	01	Operations Research	3
	02	Marketing Management	3
	03	IT for Management	3
	04	Supply Chain Management	3
	05	System Dynamics	3
	06	Sustainable Development	3
		Total	**18**
Module	Course Code	Course Title	Credits
IV		Summer Project	6
Module	Course	Course Title	Credits

	Code		
	01	Strategic Management	3
	02	Elective-1	3
V	03	Elective-2	3
	04	Elective-3	3
	05	Elective-4	3
	06	Elective-5	3
		Total	**18**

Module	Course Code	Course Title	Credits
	01	Legal and Ethical Issues in Business	3
	02	Elective-6	3
VI	03	Elective-7	3
	04	Elective-8	3
	05	Elective-9	3
	06	Elective-10	3
		Total	**18**

Module	Course Code	Course Title	Credits
	01	Elective-11	3
	02	Elective-12	3
VII	03	Elective-13	3
	04	Elective-14	3
	05	Elective-15	3
		Total	**18**

Students are allowed to take 10 stream specific elective courses from the electives listed under different areas in respect of PGDIM programme and 5 electives (called open electives) from the lists of electives of other PGPs of the Institute.

PGDIM CURRICULUM

List of Electives

Course Code	Title of the Elective Course	No. of Credits
	ECONOMICS	
EC	Business Analysis and Econometric Applications	03
EC	Economics of Regulation	03
EC	Economics of Strategy	03
EC	Global Trade & Institutions	03
EC	Industrial Organisation	03
EC	Macroeconomic Environment and Policy	03
EC	Public Systems and Policy	03

Course Code	Title of the Elective Course	No. of Credits
	FINANCE	
FN	Advanced Financial Statement Analysis	03
FN	Asset Valuation & Modeling	03
FN	Commercial Bank Management	03
FN	Derivatives and Financial Modeling	03
FN	Financial Analytics	03
FN	Financial Intermediaries and Markets	03
FN	Financial Risk Management	03
FN	International Trade and ForexManagement	03
FN	Investment Analysis and Portfolio Management	03
FN	Mergers& Acquisitions and Valuation	03
FN	Options, Futures and Swaps	03

	GM, OB & HR	
GN	Entrepreneurship Development	03
GN	Management of Intellectual Property	03
HR	Competency Assessment and Development	03
HR	Corporate Leadership Development	03
HR	HR Analytics	03
HR	Labour Laws and Managing Industrial Relations	03
HR	Managing Your Career	03
HR	Organisational Development	03
HR	Principles of Organisation and Management	03
HR	Strategic Human Resource Management	03

	INFORMATION TECHNOLOGY	
IT	Business Process Integration	03
IT	Business Process Management	03
IT	Business Value of IT	03
IT	Data Analysis and Decision Making	03
IT	Business Analytics Using Data Mining	03
IT	Decision Support System and Expert System	03
IT	e-Commerce	03
IT	e-Customer Relationship Management	03
IT	Enterprise Resource Planning	03
IT	IT Consultancy Management	03
IT	IT Strategy	03
IT	Knowledge Management	03
IT	Management Information Systems	03

		MARKETING	
MK	B2B Marketing		03
MK	Brand Management		03
MK	Digital Marketing		03
MK	Consumer Behavior		03
MK	Global Marketing		03
MK	Green Marketing		03
MK	Marketing Research		03
MK	Media Planning		03
MK	Online Buyer Behaviour		03
MK	Pricing for Products and Services		03
MK	Rural Marketing		03
MK	Sales and Distribution management		03
MK	Services Marketing		03
MK	Retail Management		03

		OPERATIONS	
OP	Logistics Management		03
OP	Product Lifecycle Management		03
OP	Advanced Logistics Management		03
OP	Advanced Production and Inventory Management Systems		03
OP	Advanced Project Management		03
OP	Advanced Supply Chain Management		03
OP	Business Process Re-Engineering		03
OP	Computer Integrated Manufacturing System		03
OP	Energy Management Strategies		03
OP	Flexible Manufacturing Systems		03
OP	International Purchasing and Supply Management		03
OP	Service Operations Management		03
OP	TQM & Six Sigma		03

		QUANTITATIVE METHODS	
QN	Business Decision Models		03
QN	Decision Making Under Uncertainty		03
QN	Estimation Theory and Forecasting		03
QN	Multivariate Data Analysis		03
QN	Multi-Objective Optimization		03
QN	OR Modeling and Applications		03
QN	Stochastic Processes		03

		SAFETY & ENVIRONMENT	
SE	Industrial Safety and Health Management		03
SE	SHE Audit Systems – ISO 14000 & OHSAS 18000		03
SE	Strategic Corporate Social Responsibility		03
SE	Workplace Health and Stress Management		03

		STRATEGY	
ST	International Business Strategies		03
ST	Managing Technology and Innovations		03
ST	Mergers and Acquisitions: Strategic, Economic, Financial, and Human Aspects		03

NITIE, MUMBAI - 400 087   **09-10-2013**

POST GRADUATE DIPLOMA IN INDUSTRIAL SAFETY & ENVIRONMENTAL MANAGEMENT (PGDISEM)

PROPOSED STRUCTURE

S. No.	Coverage	No. of Courses*	Credits
	Functional Domain Areas	8	24
	Skill Development	4	12
	Perspective Development	3	9
	Domain Area of Industrial Management	5	15
	Elective Courses	15	45
	Summer Internship (8 Weeks)	-	6
	Total	**35**	**111**

Each course shall be of 3 credits each.

PGDISEM CURRICULUM

Module	Course Code	Course Title	Credits
I	01	Sustainable Development	3
	02	OB & HR	3
	03	Managerial Accounting	3
	04	Operations Management	3
	05	Industrial Engg. & Productivity Management	3
	06	Business Communication	3
II	01	Managerial Economics	3
	02	Financial Management	3
	03	Operations Research-I	3
	04	Statistics for Management	3
	05	Industrial Wastewater and Hazardous Waste Management	3
	06	Business Research Methods	3
III	01	Air and Noise Quality Management	3
	02	Sustainable Manufacturing	3
	03	IT for Management	3
	04	Marketing Management	3
	05	Environment and Safety Legislation	3
	06	Industrial Safety and Health management	3
IV		Summer Project	6
V	01	Strategic Management	3
	02	Elective-1	3
	03	Elective-2	3
	04	Elective-3	3
	05	Elective-4	3
	06	Elective-5	3
VI	01	Legal and Ethical Issues in Business	3
	02	Elective-6	3
	03	Elective-7	3
	04	Elective-8	3
	05	Elective-9	3
	06	Elective-10	3
VII	01	Elective-11	3
	02	Elective-12	3
	03	Elective-13	3
	04	Elective-14	3
	05	Elective-15	3
		TOTAL	**111**

Students are allowed to take 10 stream specific elective courses from the electives listed under different areas in respect of PGDIM programme and 5 electives (called open electives) from the lists of electives of other PGPs of the Institute.

Stream specific Electives

	I Environmental Management	
EM01	Natural Resource Management (HD)	03
EM02	Design of Water & Wastewater Facilities (SMU)	03
EM03	Energy Management (NSN/AS)	03
EM04	Energy Efficiency & Carbon Management (SU)	03
EM05	Energy Crisis & Role of Innovative Practices (HD)	03
EM06	Environmental Impact Assessment for Developmental Projects (NSN)	03
EM07	Environmental Laboratory for Testing Water &Wastewater (SMU)	03
EM08	Environmental Modeling (SMU)	03
EM09	Industrial Noise Management (NSN)	03
EM10	Integrated Water Resources Management (SMU/HD)	03
EM11	Shop floor Waste Management (SM)	03
EM12	Disaster Management (SU)	03
EM13	Global Environmental Policy (AS)	03
EM14	Trade & Environment (HD)	03
	II Safety & Health Management	
SH15	Advanced Industrial Safety Management [RI]	03
SH16	Ergonomic Assessment Tools in Industrial Health and Safety Management (SMP)	03
SH17	Fire and Safety Management (RI)	03
SH18	Process Safety Management (SMU)	03
SH19	Safety in Construction & Engineering Industries (RI)	03
SH20	Safety Management in Oil & Gas Industry (RI)	03
SH21	SHE Audit Systems – ISO 14000 & OHSAS 18000 (AS/RI)	03
SH22	Workplace Health & Stress Management (SMP)	03
	III Sustainability	
ST23	Business Strategies for Climate Change (SS)	03
ST24	Business Strategies for Sustainability (SS)	03
ST25	Clean Development Mechanism and Climate Change (SU)	03
ST26	Environmentally Sustainable Strategy & Operations (SS)	03
ST27	Strategic Corporate Social Responsibility (SS)	03
ST28	Sustainable Operations Management (SS)	03
ST29	Sustainability Laboratory (AS/SS)	03
ST30	Sustainable Construction (SMU)	03

OPEN ELECTIVES

	Economics	Credits
EC	Environmental Economics	03
EC	Carbon Market Analysis	03
EC	Economics of Climate Change	03
	Information Technology	
IT	Enterprise Resource Planning	03
	HR & OB	
HROB	Corporate Leadership Development	03
HROB	Organizational Development	03
	Marketing	
MK	Green Marketing	03
	Operations Management	
OP	SCM	03
OP	Project Management	03
OP	Logistics Management	03
OP	Procurement & Materials Management	03

SI. No.	Events	Original		Revised		No. of Weeks
		Date (Start)	Date (End)	Date (Start)	Date (End)	
Module I and V						
1	Document Verification & Registration (Online) - PGP and Fellow	14-06-2021	16-06-2021	28-06-2021	30-06-2021	
2	Academic Session	17-06-2021	28-08-2021	01-07-2021	11-09-2021	10
3	Abhisankaran	17-06-2021	18-06-2021	01-07-2021	02-07-2021	
4	Module-Ending-Examination	30-08-2021	04-09-2021	13-09-2021	18-09-2021	1
5	Submission of Grades		25-09-2021		09-10-2021	3
Module II and VI						
6	Registration	06-09-2021	07-09-2021	20-09-2021	21-09-2021	
7	Academic Session	06-09-2021	04-12-2021	20-09-2021	18-12-2021	10+1+1+1
8	SIP PPT (Other days except examination week after 04.30 p.m. onwards)	20-09-2021	24-09-2021	20-09-2021	24-09-2021	1
9	SIP Process	27-09-2021	01-10-2021	27-09-2021	01-10-2021	1
10	Avartan	23-10-2021	29-10-2021	06-11-2021	12-11-2021	1
11	LRP PPT 5.30 p.m. onwards	01-11-2021	19-11-2021	01-11-2021	19-11-2021	3
12	Sansmaran, Annual Alumni Meet		13-11-2021		27-11-2021	
13	LRP Process	22-11-2021	26-11-2021	22-11-2021	26-11-2021	1
14	Module-Ending-Examination	06-12-2021	11-12-2021	20-12-2021	25-12-2021	1
15	Submission of Grades		01-01-2022		15-01-2022	3
16	Winter Vacation (any 20 days)	13-12-2021	02-01-2022	27-12-2021	16-01-2022	3
Module III and VII						
17	Registration	03-01-2022	04-01-2022	17-01-2022	18-01-2022	
18	Academic Session	03-01-2022	19-03-2022	17-01-2022	02-04-2022	10+1
19	CRP-PPT (Other days except examination week after 05.30 p.m. onwards)	13-12-2021	08-01-2022	27-12-2021	08-01-2022	4
20	CRP Process	10-01-2022	14-01-2022	10-01-2022	14-01-2022	1
21	Module-Ending-Examination	21-03-2022	26-03-2022	04-04-2022	09-04-2022	1
22	Submission of Grades		16-04-2022		30-04-2022	3
Module IV and VIII						
22	Admission (PGDIM/PGDSM) - 2022	28-03-2022	01-04-2022	11-04-2022	15-04-2022	1
23	Admission (PGDIE/PGDSM/Fellow) - 2022	25-04-2022	30-04-2022	09-05-2022	14-05-2022	1
24	Summer Internship (8 Weeks)	28-03-2022	04-06-2022	11-04-2022	18-06-2022	10
25	Submission/Evaluation of 9-Month Project Report		31-05-2022		14-06-2022	1
26	Summer Vacation (Any 40 days)	04-04-2022	05-06-2022		19-06-2022	

Academic Caledar 2021 - 2022 (Vertical Format)

TIME TABLE (Junior and Senior PG Batch)
I & V Module (June - September 2021) - CORE & STREAM ELECTIVES
Session: 17-06-2021 to 28-08-2021   Examination: 30-08-2021 to 04-09-2021

Slot#	Days & Time		Subjects & Faculty									
Slot 1	Wednesday 10:45 AM - 12:15 PM	Thursday 10:45 AM - 12:15 PM	Strategic Management SSB (Sr-IM B)	Strategic Management Atanu Ghosh (Sr-IM C&D)	Human Factor Engineering MRI (Sr- IE A& B)	Strategic project management VBK (Sr PM)	Managerial Economics ASB (Jr A & E)	Managerial Economics PMS (Jr B & H)	Managerial Economics MMZ (C& G)	Managerial Economics UCH (Jr D & F)		
Slot 2	Wednesday 12:30 PM - 2: 00 PM	Thursday 12:30 PM - 2: 00 PM	Strategic Management SSB (Sr-IM A & Sr SEM)									
Slot 3	Monday 9:00 AM - 10:30 AM	Wednesday 9:00 AM - 10:30 AM	Legal and Ethical Aspects of Business DKS/GF (Sr A/B/C)	Legal and Ethical Aspects of Business SKN/GF (Sr D/E)	Legal and Ethical Aspects of Business NKM/GF (Sr F/G/H)	Industrial Eng and Productivity Mgmt PNA (Jr A)	Industrial Eng and Productivity Mgmt MMA (Jr B & C)	Industrial Eng and Productivity Mgmt BEN (Jr D & E)	Industrial Eng and Productivity Mgmt DJP (Jr F)	Industrial Eng and Productivity Mgmt RTM(Jr G& H)		
Slot 4	Monday 10:45 AM - 12:15 PM	Friday 4:00 PM - 5:30 PM	Business Research Methods RUG (Sr-IM C)	Business Research Methods Shashi Kelkar (Sr-IM D)	Business Research Methods SJA (Sr-IM A & B)	Project Management VBK (Sr IE & ISEM)	Industrial Ergonomics MRI (Sr MM)					
Slot 5	Monday 2:15 PM - 3:45 PM	Tuesday 2:15 PM - 3:45 PM	Economics of Strategy UCH (Sr IM)	Business Analysis and Econometric Applications PMS (Sr IM)	Energy Management AJS (Sr ISEM)	Advanced Operations Research LGP (Sr IE, MM & OM)	Operations Management VVK (Jr A)	Operations Management RSG (Jr B, C & H)	Operations Management RDR (Jr D & E)	Operations Management SHN (Jr F)	Operations Management Prof. R K Srivastava (Jr G)	
Slot 6	Tuesday 4:00 PM - 5:30 PM	Thursday 4:00 PM - 5:30 PM	Retail Management RCH (Sr IM)	BI DSS & AI HSD (Sr IE & MM)	Environmentally Sustainable Strategy & Operations SGS (Sr ISEM)							
Slot 7	Wednesday 2:15 PM - 3:45 PM	Friday 2:15 PM - 3:45 PM	Analytical Finance AJP(Sr IM)	Environmental Economics ASB (Sr IM & Sr ISEM)	E-Commerce System for Business HSD (Sr IE, PM & MM)	Business Communication UAA (Jr G &H)	Business Communication NKM (Jr A, B, C & D)	Business Communication TRP (Jr E & F)				
Slot 8	Monday 4:00 PM - 5:30 PM	Wednesday 4:00 PM - 5:30 PM	Derivatives and Financial Modelling VKS(Sr IM)	Leadership Development UAA (Sr IM)	Services Operation Management RTM(Sr IM, IE & PM)	Strategic Procurement MMA (Sr MM)						
Slot 9	Tuesday 9:00 AM - 10:30 AM	Thursday 9:00 AM - 10:30 AM	Enterprise Resource Planning PSS (Sr IM, IE, PM & MM)	Industrial Organization ASB (Sr IM)	Quantitative Techniques for Decision Making RVM (Jr A & B)	Quantitative Techniques for Decision Making DHD (Jr C & D)	Quantitative Techniques for Decision Making PMV (Jr E & F)	Quantitative Techniques for Decision Making SHN (Jr G & H)				
Slot 10	Tuesday 10:45 AM - 12:15 PM	Friday 10:45 AM - 12:15 PM	Business Analytics using Data Mining PSS (Sr IM, IE, & MM)	Logistics Management PNA (Sr IM, IE, MM, PM & ISEM)	Marketing Management NSV (Jr E& F)	Marketing Management MKJ (Jr A)	Marketing Management NRP (Jr C& D)	Marketing Management RCH (Jr G)	Marketing Management SVR (Jr H)	Marketing Management Rekha chikhalkar (Jr B)		

Slot 11	Thursday	Friday	Facilities and Layout Planning	Project Site and Plant Design
	2:15 PM – 3:45 PM	9:00 AM – 10:30 AM	KSR (Sr MM)	KSR(Sr PM)
Slot 12	Tuesday	Thursday	Financial Risk Management	
	10:45 AM – 12:15 PM	2:15 PM – 3:45 PM	MV (Sr IM)	

Code	Name		Code	Name		Code	Name
AJP	Prof. Ajay Pande		MV	Prof. M Venkateswarlu		SBN	Prof. (Ms.) Suchenita A Narayana
AJS	Prof. (Ms.) Anju Singh		NKM	Prof. Nikhil K Mehata		SJA	Prof. (Ms.) Swati Jha
AKB	Prof. Heml Kumar A B		NRP	Prof. Neeraj Pandey		SKN	Prof. S K Nair
BEN	Prof. H E Narkhede		NSV	Prof. (Ms.) Neha Srivastava		SSB	Prof. Som Sekhar Bhattacharya
DBD	Prof. Debabrata Das		PMR	Prof. (Ms.) Poonam Singh		SVR	Prof. Sanjeev Verma
DIP	Prof. (Ms.) D Imtil Perem		PMV	Prof. (Ms.) Priyanka Verma		TRP	Prof. T Prasad
DKN	Prof. D K Srivastava		PNA	Prof. Padmnoto Acharya		UAA	Prof. (Ms.) Upama Aggarwal
LJF	Prof. Lijini Faouller		PRS	Prof. (Ms.) Poonam S Sarain		UCH	Prof. Utpal Chattopadhyay
MG	Prof. (Ms.) Meena A Data		RCH	Prof. Ranjan Chowdhuri		VBK	Prof. V B Khanapuri
LGP	Prof. L Ganapathy		RDR	Prof. Rakesh D Raut		VGA	Prof. (Ms.) Vijaya Gupta
MKD	Prof. M K Das		RSG	Prof. Ravindra S Gokhale		VKS	Prof. Vipul Kumar Singh
MMA	Prof. Milind M Akarte		RUG	Prof. (Ms.) Rachita Gupta		VVK	Prof. Vivek Khanzode
MMZ	Prof. Manak Mazumdar		RVM	Prof. Rakesh Verma		KSR	Prof. Kripa Shankar
MRI	Prof. S K Md Rauf Iqbal		SGK	Prof. Henrik G Sanghi		RTM	Prof. Reshu T M
	Prof. R K Srivastava						

	Institute core
	Program core
	Program elective

TIME TABLE (Junior and Senior PGP Batch)

II & VI Module (September - December 2021) - CORE & STREAM ELECTIVES

Session: 20-09-2021 to XX-12-2021   Examination: XX-12-2021 to XX-12-2021

Subjects & Faculty

FACULTY TEACHING LOAD

Module	Name of the Subject	Area	Programme	Category of Subject	Section	Faculty Name	Credits
I	Industrial Engineering & Productivity Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-1		Prof. Padmanav Acharya	3
I	Industrial Engineering & Productivity Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-1		Prof. Milind M Akarte	3
I	Industrial Engineering & Productivity Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-1		Prof. Milind M Akarte	3
I	Industrial Engineering & Productivity Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-1		Prof. B E Narkhede	3
I	Industrial Engineering & Productivity Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-1		Prof. B E Narkhede	3
I	Industrial Engineering & Productivity Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-1		Prof. (Ms.) D Jenil Persis	3
I	Industrial Engineering & Productivity Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-1		Prof. Rofin T M	3
I	Industrial Engineering & Productivity Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-1		Prof. Rofin T M	3
I	Operations Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-2		Prof. Vivek Khanzode	3
I	Operations Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-2		Prof. Ravindra S Gokhale	3
I	Operations Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-2		Prof. Ravindra S Gokhale	3
I	Operations Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-2		Prof. Rakesh D Raut	3
I	Operations Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-2		Prof. Rakesh D Raut	3
I	Operations Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-2		Prof. (Ms.) Sushmita A Narayana	3
I	Operations Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-2		Prof. R K Srivastava	3
I	Operations Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-2		Prof. Ravindra S Gokhale	1.5
I	Operations Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-2		Prof. Rakesh D Raut	1.5
I	Managerial Economics	F&E	PGDIE/PGDIM/PGDSM	Institute Core (IC)-3		Prof. Binil Kumar A S	3
I	Managerial Economics	F&E	PGDIE/PGDIM/PGDSM	Institute Core (IC)-3		Prof. (Ms.) Poonam Singh	3
I	Managerial Economics	F&E	PGDIE/PGDIM/PGDSM	Institute Core (IC)-3		Prof. Mainak Mazumdar	3
I	Managerial Economics	F&E	PGDIE/PGDIM/PGDSM	Institute Core (IC)-3		Prof. Utpal Chattopadhyay	3
I	Managerial Economics	F&E	PGDIE/PGDIM/PGDSM	Institute Core (IC)-3		Prof. Binil Kumar A S	3
I	Managerial Economics	F&E	PGDIE/PGDIM/PGDSM	Institute Core (IC)-3		Prof. (Ms.) Vijaya Gupta	3
I	Managerial Economics	F&E	PGDIE/PGDIM/PGDSM	Institute Core (IC)-3		Prof. Mainak Mazumdar	3
I	Managerial Economics	F&E	PGDIE/PGDIM/PGDSM	Institute Core (IC)-3		Prof. (Ms.) Poonam Singh	3
I	Marketing Management	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-4		Prof. M K Jha	3
I	Marketing Management	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-4		Prof. M K Jha	3
I	Marketing Management	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-4		Prof. Neeraj Pandey	3
I	Marketing Management	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-4		Prof. Neeraj Pandey	3
I	Marketing Management	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-4		Prof. (Ms.) Neha Srivastava	3
I	Marketing Management	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-4		Prof. (Ms.) Neha Srivastava	3
I	Marketing Management	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-4		Prof. Ranjan Choudhuri	3

Module	Name of the Subject	Area	Programme	Category of Subject	Section	Faculty Name	Credits
I	Marketing Management	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-4		Prof. Sanjeev Verma	3
I	Business Communication	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-5		Prof. Nikhil K Mehata	3
I	Business Communication	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-5		Prof. Nikhil K Mehata	3
I	Business Communication	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-5		Prof. Nikhil K Mehata	3
I	Business Communication	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-5		Prof. Nikhil K Mehata	3
I	Business Communication	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-5		Prof. T Prasad	3
I	Business Communication	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-5		Prof. T Prasad	3
I	Business Communication	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-5		Prof. (Ms.) Upasna Agarwal	3
I	Business Communication	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-5		Prof. (Ms.) Upasna Agarwal	3
I	Quantitative Techniques for Decision Making	ADS	PGDIE/PGDIM/PGDSM	Institute Core (IC)-6		Prof. Rakesh Verma	3
I	Quantitative Techniques for Decision Making	ADS	PGDIE/PGDIM/PGDSM	Institute Core (IC)-6		Prof. Rakesh Verma	3
I	Quantitative Techniques for Decision Making	ADS	PGDIE/PGDIM/PGDSM	Institute Core (IC)-6		Prof. Debabarata Das	3
I	Quantitative Techniques for Decision Making	ADS	PGDIE/PGDIM/PGDSM	Institute Core (IC)-6		Prof. Debabarata Das	3
I	Quantitative Techniques for Decision Making	ADS	PGDIE/PGDIM/PGDSM	Institute Core (IC)-6		Prof. (Ms.) Priyanka Verma	3
I	Quantitative Techniques for Decision Making	ADS	PGDIE/PGDIM/PGDSM	Institute Core (IC)-6		Prof. (Ms.) Priyanka Verma	3
I	Quantitative Techniques for Decision Making	ADS	PGDIE/PGDIM/PGDSM	Institute Core (IC)-6		Prof. (Ms.) Sushmita A Narayana	3
I	Quantitative Techniques for Decision Making	ADS	PGDIE/PGDIM/PGDSM	Institute Core (IC)-6		Prof. (Ms.) Sushmita A Narayana	3
V	Legal and Ethical Aspects of Business	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-12		Prof. D K Srivastava	1.5
	Legal and Ethical Aspects of Business	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-12		Guest Faculty	1.5
V	Legal and Ethical Aspects of Business	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-12		Prof. D K Srivastava	1.5
	Legal and Ethical Aspects of Business	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-12		Guest Faculty	1.5
V	Legal and Ethical Aspects of Business	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-12		Prof. D K Srivastava	1.5
	Legal and Ethical Aspects of Business	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-12		Guest Faculty	1.5
V	Legal and Ethical Aspects of Business	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-12		Prof. S K Nair	1.5
	Legal and Ethical Aspects of Business	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-12		Guest Faculty	1.5
V	Legal and Ethical Aspects of Business	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-12		Prof. S K Nair	1.5
	Legal and Ethical Aspects of Business	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-12		Guest Faculty	1.5
V	Legal and Ethical Aspects of Business	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-12		Prof. Nikhil K Mehata	1.5
	Legal and Ethical Aspects of Business	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-12		Guest Faculty	1.5
V	Legal and Ethical Aspects of Business	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-12		Prof. Nikhil K Mehata	1.5
	Legal and Ethical Aspects of Business	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-12		Guest Faculty	1.5
V	Legal and Ethical Aspects of Business	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-12		Prof. Nikhil K Mehata	1.5

Module	Name of the Subject	Area	Programme	Category of Subject	Section	Faculty Name	Credits
	Legal and Ethical Aspects of Business	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-12		Guest Faculty	1.5
V	Human Factor Engineering	OSCM	PGDIE	Programme Core (PC)-7		Prof. S K Md. Rauf Iqbal	3
V	Human Factor Engineering	OSCM	PGDIE	Programme Core (PC)-7		Prof. S K Md. Rauf Iqbal	3
V	Project Management	OSCM	PGDIE/PGDSM	Programme Core (PC)-8		Prof. V B Khanapuri	3
V	Project Management	OSCM	PGDIE	Programme Core (PC)-8		Prof. V B Khanapuri	3
V	Strategic Management	F&E	PGDIM/PGDSM	Programme Core (PC)-7		Prof. Som Sekhar Bhattcharya	3
V	Strategic Management	F&E	PGDIM	Programme Core (PC)-7		Prof. Som Sekhar Bhattcharya	3
V	Strategic Management	F&E	PGDIM	Programme Core (PC)-7		Guest Faculty	
V	Strategic Management	F&E	PGDIM	Programme Core (PC)-7		Guest Faculty	
V	Business Research Methods	ADS	PGDIM	Programme Core (PC)-8		Prof. (Ms.) Sumi Jha	3
V	Business Research Methods	ADS	PGDIM	Programme Core (PC)-8		Prof. (Ms.) Sumi Jha	3
V	Business Research Methods	ADS	PGDIM	Programme Core (PC)-8		Prof. (Ms.) Ruchita Gupta	3
V	Business Research Methods	ADS	PGDIM	Programme Core (PC)-8		Guest Faculty	3
V	Facilities and Layout Planning	OSCM	PGDMM	Programme Core (PC)-7		Prof. Kripa Shankar	3
V	Industrial Ergonomics	OSCM	PGDMM	Programme Core (PC)-8		Prof. S K Md. Rauf Iqbal	3
V	Project Site and Plant Design	OSCM	PGDPM	Programme Core (PC)-7		Guest Faculty	3
V	Strategic Project Management	OSCM	PGDPM	Programme Core (PC)-8		Prof. V B Khanapuri	3
V	Logistics Management	OSCM	PGDIE/PGDIM/PGDSM/PGDMM/PGDPM	Programme Elective (PE)		Prof. Padmanav Acharya	3
V	Simulation Modeling and Analysis	OSCM	PGDIE/PGDMM/PGDPM	Programme Elective (PE)		Prof. (Ms.) D Jenil Persis	3
V	Strategic Procurement	OSCM	PGDMM	Programme Elective (PE)		Prof. Milind M Akarte	3
V	Managing Creativity & Innovation	OSCM	PGDIE/PGDMM/PGDPM	Programme Elective (PE)		Prof. B Koteswara Rao Naik	3
V	Advanced Operations Research	ADS	PGDIE/PGDMM/PGDPM	Programme Elective (PE)		Prof. L Ganapathy	3
V	Business Analytics using Data Mining	ADS	PGDIE/PGDIM/PGDMM/PGDPM	Programme Elective (PE)		Prof. (Ms.) Purnima S Sangle	3
V	Enterprise Resource Planning (ERP)	ADS	PGDIE/PGDIM/PGDMM/PGDPM	Programme Elective (PE)		Prof. (Ms.) Purnima S Sangle	3
V	Business Intelligence, Decision Support System & AI Applications	ADS	PGDIE/PGDMM/PGDPM	Programme Elective (PE)		Prof. (Ms.) Hema A Data	3
V	E-Commerce System for Business	ADS	PGDIE/PGDMM/PGDPM	Programme Elective (PE)		Prof. (Ms.) Hema A Data	3
V	Leadership Development	MKTG.,OB&HR	PGDIM	Programme Elective (PE)		Prof. (Ms.) Upasna Agarwal	3
V	Soft Skill Development	MKTG.,OB&HR	PGDIM	Programme Elective (PE)		Prof. (Ms.) Sumi Jha	3
V	Entrepreneurship Development	MKTG.,OB&HR	PGDIM	Programme Elective (PE)		Prof. T Prasad	3
VI	Entrepreneurship Development	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM/PGDMM/PGDPM	Programme Elective (PE)		Prof. T Prasad	3
V	Environmental Economics	F&E	PGDIM/PGDSM	Programme Elective (PE)		Prof. Binil Kumar A S	3
V	Economics of Strategy	F&E	PGDIM/PGDSM	Programme Elective (PE)		Prof. Utpal Chattopadhyay	3

Module	Name of the Subject	Area	Programme	Category of Subject	Section	Faculty Name	Credits
V	Macroeconomic Environment and Policy	F&E	PGDIM/PGDSM	Programme Elective (PE)		Prof. Mainak Mazumdar	3
V	Industrial Organization	F&E	PGDIM/PGDSM	Programme Elective (PE)		Prof. Binil Kumar A S	3
V	Business Analysis and Econometric Applications	F&E	PGDIM/PGDSM	Programme Elective (PE)		Prof. (Ms.) Poonam Singh	3
V	Financial Risk Management	F&E	PGDIM	Programme Elective (PE)		Prof. M Venkateswarlu	3
V	Derivatives and Financial Modelling	F&E	PGDIM	Programme Elective (PE)		Prof. Vipul Kumar Singh	3
V	Analytical Finance	F&E	PGDIM	Programme Elective (PE)		Prof. Ajay Panda	3
V	Industrial Wastewater and Hazardous Waste Management (SMU)	SM	PGDSM	Programme Elective (PE)		Prof. Shankar Murthy	3
V	Energy Management (AS)	SM	PGDSM	Programme Elective (PE)		Prof. (Ms.) Anju Singh	3
V	Disaster Management (SU)	SM	PGDSM	Programme Elective (PE)		Prof. (Ms.) Seema Unnikrishnan	3
V	Loss Prevention and Industrial Insurance (VG)	SM	PGDSM	Programme Elective (PE)		Prof. Vidyadhar Gedam,	3
V	Environmentally Sustainable Strategy & Operations (SS)	SM	PGDSM	Programme Elective (PE)		Prof. Shirish G Sangle	3
V	Business Strategies for Sustainability	SM	PGDSM	Programme Elective (PE)		Prof. Shirish G Sangle	3
V	Circular Economy	SM	PGDSM	Programme Elective (PE)		Prof. (Ms.) Anju Singh	3
V	Noise and E-Waste Management	SM	PGDSM	Programme Elective (PE)		Prof. Vidyadhar Gedam,	3
V	Retail Management	MKTG.,OB&HR	PGDIM	Programme Elective (PE)		Prof. Ranjan Choudhuri	3
V	Services Operation Management	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM/PGDPM	Programme Elective (PE)		Prof. Rofin T M	3
V	Sustainability Management: Greening the Value Chain	SM	PGDSM	Programme Elective (PE)		Prof. (Ms.) Hema Diwan	3
II	Managerial Accounting	F&E	PGDIE/PGDIM/PGDSM	Institute Core (IC)-7	A	Prof. M Venkateswarlu	3
II	Managerial Accounting	F&E	PGDIE/PGDIM/PGDSM	Institute Core (IC)-7	B	Prof. M Venkateswarlu	3
II	Managerial Accounting	F&E	PGDIE/PGDIM/PGDSM	Institute Core (IC)-7	C	Prof. (Ms.) K S Ranjani	3
II	Managerial Accounting	F&E	PGDIE/PGDIM/PGDSM	Institute Core (IC)-7	D	Prof. (Ms.) K S Ranjani	3
II	Managerial Accounting	F&E	PGDIE/PGDIM/PGDSM	Institute Core (IC)-7	E	Prof. Vipul Kumar Singh	3
II	Managerial Accounting	F&E	PGDIE/PGDIM/PGDSM	Institute Core (IC)-7	F	Prof. Vipul Kumar Singh	3
II	Managerial Accounting	F&E	PGDIE/PGDIM/PGDSM	Institute Core (IC)-7	G	Prof. Ajay Panda	3
II	Managerial Accounting	F&E	PGDIE/PGDIM/PGDSM	Institute Core (IC)-7	H	Prof. Ajay Panda	3
II	Organization Behavior	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-8	A	Prof. S K Nair	3
II	Organization Behavior	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-8	B	Prof. S K Nair	3
II	Organization Behavior	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-8	C	Prof. T Prasad	3
II	Organization Behavior	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-8	D	Prof. (Ms.) Upasna Agarwal	3
II	Organization Behavior	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-8	E	Prof. Nikhil K Mehta	3
II	Organization Behavior	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-8	F	Prof. (Ms.) Sumi Jha	3
II	Organization Behavior	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-8	G	Prof. D K Srivastava	3

Module	Name of the Subject	Area	Programme	Category of Subject	Section	Faculty Name	Credits
II	Organization Behavior	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Institute Core (IC)-8	H	Prof. D K Srivastava	3
II	Information Systems and Artifical Intelligence	ADS	PGDIE/PGDIM/PGDSM	Institute Core (IC)-9	A	Prof. (Ms.) Hema A Data	3
II	Information Systems and Artifical Intelligence	ADS	PGDIE/PGDIM/PGDSM	Institute Core (IC)-9	B	Prof. (Ms.) Hema A Data	3
II	Information Systems and Artifical Intelligence	ADS	PGDIE/PGDIM/PGDSM	Institute Core (IC)-9	C	Prof. Rakesh Verma	3
II	Information Systems and Artifical Intelligence	ADS	PGDIE/PGDIM/PGDSM	Institute Core (IC)-9	D	Prof. Rakesh Verma	3
II	Information Systems and Artifical Intelligence	ADS	PGDIE/PGDIM/PGDSM	Institute Core (IC)-9	E	Prof. (Ms.) Purnima S Sangle	3
II	Information Systems and Artifical Intelligence	ADS	PGDIE/PGDIM/PGDSM	Institute Core (IC)-9	F	Prof. (Ms.) Purnima S Sangle	3
II	Information Systems and Artifical Intelligence	ADS	PGDIE/PGDIM/PGDSM	Institute Core (IC)-9	G	Prof. (Ms.) D Jenil Persis	3
II	Information Systems and Artifical Intelligence	ADS	PGDIE/PGDIM/PGDSM	Institute Core (IC)-9	H	Prof. (Ms.) D Jenil Persis	3
II	Work System Design	OSCM	PGDIE	Programme Core (PC)-1	A	Prof. S K Md. Rauf Iqbal	3
II	Work System Design	OSCM	PGDIE	Programme Core (PC)-1	B	Prof. S K Md. Rauf Iqbal	3
II	Work System Design	OSCM	PGDIE	Programme Core (PC)-1	C	Prof. S K Md. Rauf Iqbal	3
II	Work System Design	OSCM	PGDIE	Programme Core (PC)-1	D	Prof. S K Md. Rauf Iqbal	3
II	Operations Research	ADS	PGDIE	Programme Core (PC)-2	A	Prof. Rakesh Verma	3
II	Operations Research	ADS	PGDIE	Programme Core (PC)-2	B	Prof. Debabarata Das	3
II	Operations Research	ADS	PGDIE	Programme Core (PC)-2	C	Prof. L Ganapathy	3
II	Operations Research	ADS	PGDIE	Programme Core (PC)-2	D	Prof. (Ms.) Sushmita A Narayana	3
II	Supply Chain Management	OSCM	PGDIE	Programme Core (PC)-3	A	Prof. Vivek Khanzode	3
II	Supply Chain Management	OSCM	PGDIE	Programme Core (PC)-3	B	Prof. (Ms.) Priyanka Verma	3
II	Supply Chain Management	OSCM	PGDIE	Programme Core (PC)-3	C	Prof. A K Pundir	3
II	Supply Chain Management	OSCM	PGDIE	Programme Core (PC)-3	D	Prof. A K Pundir	3
II	B2B Marketing	MKTG.,OB&HR	PGDIM	Programme Core (PC)-1	A	Prof. M K Jha	3
II	B2B Marketing	MKTG.,OB&HR	PGDIM	Programme Core (PC)-1	B	Prof. M K Jha	3
II	B2B Marketing	MKTG.,OB&HR	PGDIM	Programme Core (PC)-1	C	Prof. Ranjan Choudhuri	3
II	B2B Marketing	MKTG.,OB&HR	PGDIM	Programme Core (PC)-1	D	Prof. (Ms.) Neha Srivastava	3
II	Business Analytics	ADS	PGDIM	Programme Core (PC)-2	A	Prof. (Ms.) Hema A Data	3
II	Business Analytics	ADS	PGDIM	Programme Core (PC)-2	B	Prof. (Ms.) Purnima S Sangle	3
II	Business Analytics	ADS	PGDIM	Programme Core (PC)-2	C	Prof. (Ms.) Purnima S Sangle	3
II	Business Analytics	ADS	PGDIM	Programme Core (PC)-2	D	Prof. Debabarata Das	3
II	Procurement and Materials Management	OSCM	PGDIM	Programme Core (PC)-3	A	Prof. Ravindra S Gokhale	3
II	Procurement and Materials Management	OSCM	PGDIM	Programme Core (PC)-3	B	Prof. Ravindra S Gokhale	3
II	Procurement and Materials Management	OSCM	PGDIM	Programme Core (PC)-3	C	Prof. Rakesh D Raut	3

Module	Name of the Subject	Area	Programme	Category of Subject	Section	Faculty Name	Credits
II	Procurement and Materials Management	OSCM	PGDIM	Programme Core (PC)-3	D	Prof. Rakesh D Raut	3
II	Environmental and Safety Legislation	SM	PGDSM	Programme Core (PC)-1		Prof. (Ms.) Seema Unnikrishnan	3
II	Environmental Impact Assessment	SM	PGDSM	Programme Core (PC)-2		Prof. Vidyadhar Gedam,	1.5
II	Environmental Impact Assessment	SM	PGDSM	Programme Core (PC)-2		Prof. (Ms.) Hema Diwan	1.5
II	Industrial Waste Management	SM	PGDSM	Programme Core (PC)-3		Prof. Shankar Murthy	3
VI	System Dynamics Modeling	OSCM	PGDIE/PGDMM/PGDPM	Programme Elective (PE)		Prof. Padmanav Acharya	3
VI	Logistics Management		PGDIE/PGDIM/PGDSM/PGDMM/PGDPM	Programme Elective (PE)		Prof. Padmanav Acharya	3
VI	Manufacturing Strategy	OSCM	PGDIE	Programme Elective (PE)		Prof. Milind M Akarte	3
VI	Lean manufacturing	OSCM	PGDIE/PGDMM	Programme Elective (PE)		Prof. B E Narkhede	3
VI	Management of Intellectual Property	OSCM	PGDIE/PGDMM/PGDPM	Programme Elective (PE)		Prof. B Koteswara Rao Naik	3
VI	Management of Intellectual Property	OSCM	PGDIM	Institute Elective		Prof. B Koteswara Rao Naik	3
VI	Management of Technology Transfer and Acquisition	OSCM	PGDIE/PGDMM/PGDPM	Programme Elective (PE)		Prof. (Ms.) Ruchita Gupta	3
VI	Management of Technology Transfer and Acquisition	OSCM	PGDIM	Institute Elective		Prof. (Ms.) Ruchita Gupta	3
VI	International Operations Management	OSCM	PGDIE/PGDMM	Programme Elective (PE)		Prof. Rofin T M	3
VI	Enterprise Resource Planning	ADS	PGDIM/PGDSM	Programme Elective (PE)		Guest Faculty	
VI	Advanced Operations Research	ADS	PGDIM	Programme Elective (PE)		Prof. (Ms.) Priyanka Verma	3
VI	Big Data Analytics	ADS	PGDIE/PGDIM/PGDMM/PGDPM	Programme Elective (PE)		Prof. Rakesh Verma	3
VI	Macroeconomic Environment and Policy	F&E	PGDIE	Institute Elective		Prof. Binil Kumar A S	3
VI	Industrial Organization	F&E	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. Mainak Mazumdar	3
VI	Business Analysis and Econometric Applications	F&E	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. Mainak Mazumdar	3
VI	Digital Economics	F&E	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. Mainak Mazumdar	3
VI	Industrial Resource Economics	F&E	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. (Ms.) Vijaya Gupta	3
VI	Behavioural Economics	F&E	PGDIM	Programme Elective (PE)		Prof. (Ms.) Poonam Singh	3
VI	Public Systems and Policy	F&E	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. (Ms.) Poonam Singh	3
VI	Global Trade and Institutions	F&E	PGDIM	Programme Elective (PE)		Prof. Utpal Chattopadhyay	3
VI	Investment Analysis and Portfolio Management	F&E	PGDIM	Programme Elective (PE)		Prof. Ajay Panda	3
VI	Investment Analysis and Portfolio Management	F&E	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. Ajay Panda	3
VI	Asset Valuations and Modelling	F&E	PGDIM	Programme Elective (PE)		Prof. Vipul Kumar Singh	3
VI	Asset Valuations and Modelling	F&E	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. Vipul Kumar Singh	3
VI	Fixed Income and Structured Finance	F&E	PGDIE/PGDSM/PGDMM/PGDPM	Institute Elective		Prof. M Venkateswarlu	3
VI	Fixed Income and Structured Finance	F&E	PGDIM	Programme Elective (PE)		Prof. M Venkateswarlu	3
VI	Consumer Behavior	MKTG.,OB&HR	PGDIM	Programme Elective (PE)		Prof. (Ms.) Neha Srivastava	3

Module	Name of the Subject	Area	Programme	Category of Subject	Section	Faculty Name	Credits
VI	International Marketing	MKTG.,OB&HR	PGDIM	Programme Elective (PE)		Prof. Ranjan Choudhuri	3
VI	International Marketing	MKTG.,OB&HR	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. Ranjan Choudhuri	3
VI	Marketing Research	MKTG.,OB&HR	PGDIM	Programme Elective (PE)		Prof. Sanjeev Verma	3
VI	Marketing Research	MKTG.,OB&HR	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. Sanjeev Verma	3
VI	HR Analytics	MKTG.,OB&HR	PGDIM	Programme Elective (PE)		Prof. (Ms.) Sumi Jha	3
VI	Principles of Organization and Management	MKTG.,OB&HR	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. T Prasad	3
VII	Diversity and Inclusion	MKTG.,OB&HR	PGDIM	Institute Elective		Prof. (Ms.) Upasna Agarwal	3
VI	Pricing of Products and Services	MKTG.,OB&HR	PGDIM	Programme Elective (PE)		Prof. Neeraj Pandey	3
VI	Energy Efficiency & Carbon Management (SU)	SM	PGDSM	Programme Elective (PE)		Prof. (Ms.) Seema Unnikrishnan	3
VI	Shop floor Waste Management (SM)	SM	PGDSM	Programme Elective (PE)		Prof. Shankar Murthy	3
VI	Behaviour Based safety	SM	PGDSM	Programme Elective (PE)		Prof. Shankar Murthy	3
VI	Occupational Health and Toxicology	SM	PGDSM	Programme Elective (PE)		Prof. (Ms.) Seema Unnikrishnan	1.5
VI	Occupational Health and Toxicology	SM	PGDSM	Programme Elective (PE)		Prof. Vidyadhar Gedam,	1.5
VI	Safety in Oil and Gas Industry	SM	PGDSM	Programme Elective (PE)		Prof. Vidyadhar Gedam,	3
VI	Shop Floor Waste Management (IE/MM)	SM	PGDIE/PGDMM	Institute Elective		Prof. Shankar Murthy	3
VI	Energy Efficiency and Carbon Management	SM	PGDSM	Programme Elective (PE)		Prof. (Ms.) Seema Unnikrishnan	3
VI	Energy Efficiency and Carbon Management	SM	PGDIM	Institute Elective		Prof. (Ms.) Seema Unnikrishnan	3
VI	Strategic Corporate Social Responsibility (SS)	SM	PGDSM	Programme Elective (PE)		Prof. Shirish G Sangle	3
VI	Strategic Corporate Social Responsibility (SS)	SM	PGDIE/PGDIM	Institute Elective		Prof. Shirish G Sangle	3
VI	Sustainable Operations Management	SM	PGDSM	Programme Elective (PE)		Prof. Shirish G Sangle	3
VI	Sustainable Operations Management	SM	PGDIE/PGDMM	Institute Elective		Prof. Shirish G Sangle	3
VI	Sustainability Standards and Guidelines	SM	PGDSM	Programme Elective (PE)		Prof. (Ms.) Anju Singh	3
VI	Sustainability Standards and Guidelines	SM	PGDIE/PGDIM/PGDMM	Institute Elective		Prof. (Ms.) Anju Singh	3
VI	Sustainability Leadership Laboratory: Practice Based Course	SM	PGDSM	Programme Elective (PE)		Prof. (Ms.) Anju Singh	3
VI	Sustainability Strategies for Fast Moving Consumer Goods (FMCG) Sector (SS)	SM		Programme Elective (PE)		Guest Faculty	
VI	Environmental Impact Assessment for Development Projects (IE/PM)	SM	PGDIE/PGDPM	Institute Elective		Prof. (Ms.) Hema Diwan	1.5
VI	Environmental Impact Assessment for Development Projects (IE/PM)	SM	PGDIE/PGDPM	Institute Elective		Prof. Vidyadhar Gedam,	1.5
VI	Shop floor Waste Management (SM)	SM	PGDSM	Programme Elective (PE)		Prof. Shankar Murthy	3
VI	Pricing for Industrial Products	MKTG.,OB&HR	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. Neeraj Pandey	3
III	Technology & Innovation Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-10		Prof. (Ms.) Ruchita Gupta	3
III	Technology & Innovation Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-10		Prof. (Ms.) Ruchita Gupta	3
III	Technology & Innovation Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-10		Prof. (Ms.) Ruchita Gupta	3

Module	Name of the Subject	Area	Programme	Category of Subject	Section	Faculty Name	Credits
III	Technology & Innovation Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-10		Prof. (Ms.) Ruchita Gupta	3
III	Technology & Innovation Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-10		Prof. B Koteswara Rao Naik	3
III	Technology & Innovation Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-10		Prof. B Koteswara Rao Naik	3
III	Technology & Innovation Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-10		Prof. B Koteswara Rao Naik	3
III	Technology & Innovation Management	OSCM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-10		Prof. B Koteswara Rao Naik	3
III	Sustainable Development for Business	SM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-11		Prof. (Ms.) Seema Unnikrishnan	1.5
III	Sustainable Development for Business	SM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-11		Prof. (Ms.) Hema Diwan	1.5
III	Sustainable Development for Business	SM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-11		Prof. Shirish G Sangle	1.5
III	Sustainable Development for Business	SM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-11		Prof. Vidyadhar Gedam,	1.5
III	Sustainable Development for Business	SM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-11		Prof. Shankar Murthy	3
III	Sustainable Development for Business	SM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-11		Prof. (Ms.) Anju Singh	3
III	Sustainable Development for Business	SM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-11		Prof. (Ms.) Seema Unnikrishnan	1.5
III	Sustainable Development for Business	SM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-11		Prof. (Ms.) Hema Diwan	1.5
III	Sustainable Development for Business	SM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-11		Prof. Shirish G Sangle	1.5
III	Sustainable Development for Business	SM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-11		Prof. Vidyadhar Gedam,	1.5
III	Sustainable Development for Business	SM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-11		Prof. (Ms.) Seema Unnikrishnan	1.5
III	Sustainable Development for Business	SM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-11		Prof. (Ms.) Hema Diwan	1.5
III	Sustainable Development for Business	SM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-11		Prof. Shirish G Sangle	1.5
III	Sustainable Development for Business	SM	PGDIE/PGDIM/PGDSM	Institute Core (IC)-11		Prof. Vidyadhar Gedam,	1.5
III	Facilities and Layout Planning	OSCM	PGDIE	Programme Core (PC)-4		Prof. B E Narkhede	1.5
	Facilities and Layout Planning	OSCM	PGDIE	Programme Core (PC)-4		Prof. (Ms.) Priyanka Verma	1.5
III	Facilities and Layout Planning	OSCM	PGDIE	Programme Core (PC)-4		Prof. Rofin T M	3
III	Facilities and Layout Planning	OSCM	PGDIE	Programme Core (PC)-4		Prof. B E Narkhede	1.5
III	Facilities and Layout Planning	OSCM	PGDIE	Programme Core (PC)-4		Prof. (Ms.) Priyanka Verma	1.5
III	Facilities and Layout Planning	OSCM	PGDIE	Programme Core (PC)-4			3
III	Procurement and Materials Management	OSCM	PGDIE	Programme Core (PC)-5		Prof. Rofin T M	3
III	Procurement and Materials Management	OSCM	PGDIE	Programme Core (PC)-5		Prof. Rofin T M	3
III	Procurement and Materials Management	OSCM	PGDIE	Programme Core (PC)-5		Prof. Ravindra S Gokhale	1.5
III	Procurement and Materials Management	OSCM	PGDIE	Programme Core (PC)-5		Prof. Rakesh D Raut	1.5
III	Quality Engineering and Management	OSCM	PGDIE	Programme Core (PC)-6		Prof. (Ms.) D Jenil Persis	3
III	Quality Engineering and Management	OSCM	PGDIE	Programme Core (PC)-6		Prof. (Ms.) D Jenil Persis	3
III	Quality Engineering and Management	OSCM	PGDIE	Programme Core (PC)-6			3

Module	Name of the Subject	Area	Programme	Category of Subject	Section	Faculty Name	Credits
III	Quality Engineering and Management	OSCM	PGDIE	Programme Core (PC)-6			3
III	Financial Management	F&E	PGDIM	Programme Core (PC)-4		Prof. Ajay Panda	3
III	Financial Management	F&E	PGDIM	Programme Core (PC)-4		Prof. M Venkateswarlu	3
III	Financial Management	F&E	PGDIM	Programme Core (PC)-4		Prof. (Ms.) K S Ranjani	3
III	Financial Management	F&E	PGDIM	Programme Core (PC)-4		Prof. Vipul Kumar Singh	3
III	Supply Chain Management	OSCM	PGDIM	Programme Core (PC)-5		Prof. (Ms.) Sushmita A Narayana	3
III	Supply Chain Management	OSCM	PGDIM	Programme Core (PC)-5		Prof. (Ms.) Sushmita A Narayana	3
III	Supply Chain Management	OSCM	PGDIM	Programme Core (PC)-5		Prof. Vivek Khanzode	3
III	Supply Chain Management	OSCM	PGDIM	Programme Core (PC)-5		Prof. Vivek Khanzode	3
III	Human Resource Management	MKTG.,OB&HR	PGDIM	Programme Core (PC)-6		Prof. (Ms.) Sumi Jha	3
III	Human Resource Management	MKTG.,OB&HR	PGDIM	Programme Core (PC)-6		Prof. (Ms.) Sumi Jha	3
III	Human Resource Management	MKTG.,OB&HR	PGDIM	Programme Core (PC)-6		Prof. D K Srivastava	3
III	Human Resource Management	MKTG.,OB&HR	PGDIM	Programme Core (PC)-6		Prof. S K Nair	3
III	Sustainable Manufacturing	SM	PGDSM	Programme Core (PC)-5		Prof. (Ms.) Anju Singh	1.5
III	Sustainable Manufacturing	SM	PGDSM	Programme Core (PC)-5		Prof. Shirish G Sangle	1.5
III	Process Safety Management	SM	PGDSM	Programme Core (PC)-6		Prof. Shankar Murthy	3
III	Business Intelligence, Decision Support System & AI Applications	ADS	PGDIE	Programme Elective(PE)-1		Prof. (Ms.) Hema A Data	3
III	E-Commerce System for Business	ADS	PGDIE	Programme Elective(PE)-1		Prof. (Ms.) Hema A Data	3
III	Concepts in Machine Learning	ADS	PGDIE	Programme Elective(PE)-1		Prof. Debabarata Das	3
III	Concepts in Data Structure and Algorithm with Python Programming	ADS	PGDIE	Programme Elective(PE)-1		Prof. L Ganapathy	3
III	Simulation Modeling and Analysis	OSCM	PGDIE	Programme Elective(PE)-1		Prof. L Ganapathy	3
III	Manufacturing System Design	OSCM	PGDIE	Programme Elective(PE)-1		Prof. B E Narkhede	1.5
III	Manufacturing System Design	OSCM	PGDIE	Programme Elective(PE)-1		Prof. Milind M Akarte	1.5
III	Intelligent Optimization Techniques for SCM	OSCM	PGDIE	Programme Elective(PE)-1		Prof. (Ms.) D Jenil Persis	3
III	Project Risk Management	OSCM	PGDIE/PGDIM/PGDSM	Programme Elective(PE)-2		Prof. (Ms.) Ruchita Gupta	3
III	Brand Management	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Programme Elective(PE)-1		Prof. (Ms.) Neha Srivastava	3
III	Digital Marketing	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Programme Elective(PE)-1		Prof. Neeraj Pandey	3
III	Services Marketing	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Programme Elective(PE)-1		Prof. Sanjeev Verma	3
III	Fire and Safety Management (VG)	SM	PGDSM	Programme Elective(PE)-1		Prof. Vidyadhar Gedam,	3
III	Entrepreneurship Development	MKTG.,OB&HR	PGDIE/PGDIM/PGDSM	Programme Elective(PE)-1		Prof. T Prasad	3
III	Positive Psychology in Organization	MKTG.,OB&HR	PGDIM	Programme Elective(PE)-1		Prof. S K Nair	3
III	Understanding Personality	MKTG.,OB&HR	PGDIM	Programme Elective(PE)-1		Prof. Nikhil K Mehta	3

Module	Name of the Subject	Area	Programme	Category of Subject	Section	Faculty Name	Credits
III	Macroeconomic Environment and Policy	F&E	PGDIM/PGDSM	Programme Elective(PE)-1		Prof. (Ms.) Vijaya Gupta	3
VII	Marketing for Hi Tech Products	MKTG.,OB&HR	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. M K Jha	3
VII	Rural Marketing	MKTG.,OB&HR	PGDIM	Programme Elective (PE)		Prof. Ranjan Choudhuri	3
VII	Business Analysis and Econometric Applications	F&E	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. Mainak Mazumdar	3
VII	Indian Economy	F&E	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. (Ms.) Vijaya Gupta	1.5
VII	Indian Economy	F&E	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. Utpal Chattopadhyay	1.5
VII	Global Competitiveness	F&E	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. Utpal Chattopadhyay	3
VII	Public Systems and Policy	F&E	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. (Ms.) Poonam Singh	3
VII	Concepts in Data Structure and Algorithm with Python Programming	ADS	PGDIM/PGDSM	Institute Elective		Prof. Rakesh Verma	3
VII	Data Analytics and Knowledge Management	ADS	PGDIM/PGDSM	Institute Elective		Prof. (Ms.) Hema A Data	3
VII	Financial Time Series Modelling	F&E	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. Vipul Kumar Singh	3
VII	Digital Strategy	ADS	PGDIM/PGDSM	Institute Elective		Guest Faculty	
VII	Advance Financial Statement Analysis	F&E	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. (Ms.) K S Ranjani	3
VII	Strategic Cost Management	F&E	PGDIE/PGDMM/PGDPM	Institute Elective		Prof. (Ms.) K S Ranjani	3
VII	Business Strategies for Climate Change (SS)	SM	PGDMM/PGDPM	Programme Elective (PE)		Prof. Shirish G Sangle	3
VI	Managing Negotiation	MKTG.,OB&HR	PGDIM	Programme Elective (PE)		Prof. (Ms.) Upasna Agarwal	3
VI	Operations Research		PGDIM/PGDPM/PGDMM/PGDSM	Programme Elective (PE)		Prof. L Ganapathy	3
VI	International Business Strategy		PGDIM/PGDSM	Programme Elective (PE)		Prof. Som Sekhar Bhattcharya	3

NATIONAL INSTITUTE OF INDUSTRIAL
ENGINEERING
Vihar Lake, Mumbai - 400 087

PGD Programmes - 2021-2022

LIST OF STUDENTS - MODULE   III

SUBJECT :

DATE:

FACULTY
:

TIME:

SR.	NAME OF THE STUDENTS	ROLL	Surprise Tests, Quiz etc.	Assignment	(A) Internal Maximum Marks (40)	(B) Final Exam Marks Maximum (60)	(A+B) Total Maximum (100)	GRADE
					Minimum (20)	Minimum (30)	Minimum (50)	
			15	25	40	60	100	

NAME OF THE FACULTY:	0

SUBJECT TITLE & CODE:	0

COURSE	PGD Programmes - 2019-2021

QUARTER/MODULE:	III	COURSE CREDIT:	3

OF STUDENTS: 0

GRADE POINT VALUE	PERCENTAGE ABOVE	GRADE	Total of students
10.0	96-100	A+	0
9.5	91-95	A	0
9.0	86-90	A-	0
8.5	81-85	B+	0
8.0	76-80	B	0
7.5	71-75	B-	0
7.0	66-70	C+	0
6.5	61-65	C	0
6.0	56-60	C-	0
5.5	51-55	D	0
5.0	50	P	0
	<50	F	0
	0	NC	0
		TOTAL	0

National Institute of Industrial Engineering (NITIE)

Faculty Feedback for I and V Module - 2017

Faculty Name:

Subject Name:

Evaluation Parameters		Scale				
		1	2	3	4	5
Course Content Evaluation						
Span of topics covered	avg(cce1)	Very Narrow or Very wide	Inadequate	Moderate	Adequate	Just Right
Depth of Coverage	avg(cce2)	Very Deep or Very Shallow	Inadequate	Moderate	Adequate	Just Right
Balance of Theory & Application	avg(cce3)	Very Low	Low	Moderate	High	Excellent
Overlap with Other Courses	avg(cce4)	Very High	High	Moderate	Less	Very Less
Course Delivery Evaluation						
Ability to Explain	avg(cde1)	Poor	Fair	Average	Good	Excellent
Use of Examples	avg(cde2)	Poor	Fair	Average	Good	Excellent
Use of Presentation tools/Teaching Aids	avg(cde3)	Poor	Fair	Average	Good	Excellent
Opportunities for Questions and Discussions	avg(cde4)	Never	Rarely	Sometimes	Often	Always
Stimulation of Thinking	avg(cde5)	Never	Rarely	Sometimes	Often	Always
Course Assessment and Student Evaluation						
Frequency of Test/Quiz	avg(case1)	Very Low	Low	Moderate	High	Excellent
Extent to which Test Assesses Learning	avg(case2)	Very Low	Low	Moderate	High	Excellent
Relevance of Assignments to Learning	avg(case4)	Very Low	Low	Moderate	High	Excellent
feedback given on Student Performance	avg(case3)	Never	Rarely	Sometimes	Often	Always
Overall Rating of the Course	avg(overall_rating)	Poor	Fair	Average	Good	Excellent
Average (1-14)						