

## PRINCIPAL'S REPORT FOR THE YEAR 2016-17

### 1.0 Introduction:

We are happy that **2013-14** batches of B.Tech & **2015-16** batches of M.Tech / MBA students completed the Course from LNCT Indore and came out successfully. With the Blessings from Almighty and with the Guidance and support of our Managing Director, Trustees, Governing Body and Academic Council Members, Teachers, Parents, Well Wishers, Staff and Students we could continue to maintain a very good reputation among the self-financing Colleges in the state.

### **HEARTY WELCOME TO All Stakeholders**

### 2.0 Academic Activities:

- Admission for the academic year 2016 started during the month of July 2016. We could get an intake of 420 students from B.Tech branches & 60 students MBA .
- AICTE New Delhi, DTE MP, RGPV Bhopal & DAVV Indore recognition is extended For this year(2016-17)
- Annual ceremony/Farewell of B.Tech 2017 batch was on August 11. Dr. M K Rawat Principal, Dr A Desai Group Director delivered the convocation address and MD Suprabhat Chouksey presided over the function.
- B.Tech Fresher batch Inauguration “Prarambh 2016” was arranged on 1 Aug 2016.
- Academic year Inauguration was on July 2016
- MD sir presided over the function and Dr. M K Rawat delivered the Inaugural address.

**2.1-Results:** The pass percentage of B.Tech in various departments under RGPV & DAVV University are as follows:-

#### **Final year batch**

Semester 8	ME	CS	EC	EE	Overall pass %
Final year	96	98	93	100	98

**2.2: M.Tech/ MBA results are as follows:**

#### **Final year batch placement percentage**

Semester 4	ME	CSE	EC	MBA
Final year	100	100	100	100

### **3.0 Placements**

The placement statistics for the 2016-19 batches are as follows:

(Placement is counted as number of job offers / student)

Branch	CS	IT	EC	EX	ME	AU
students placed	36	4	6	4	16	6
% of Placements	55	44	20	14	17	50

Placements for 2016-17 batch is in progress, the current status is as follows:

Total Number of students Placed: 72

% of Placement offers : 31

**4.0 Faculty and Staff:** We are proud of our Faculty and staff, their dedication and Commitment. We have 159 Faculty Members on rolls and 61 technical supporting staff. We have 18 Faculty with Ph.D, 14 Professors with Ph.D, 4 Asso. Professors with Ph.D. All members are with PG qualification.

#### **Paper presentation and publication by Faculty members**

1. Manoj Raghuwanshi and Dr.Avinash Desai, A Happy Patient is the Duty of Every Doctor (Paper accepted on 20 June 2017) ISSN ISSN Online:2319-3948; Impact Factor (JCC): 4.7985; NAAS Rating:3.17; SJIF = 5.978; ICV : 30.66
2. Manoj Raghuwanshi and Dr.Avinash Desai, Why patients prefer private hospital(Paper accepted on 20 June 2017) International Journal of Research in Business Management ISSN: E-ISSN: 2321-886X Impact Factor: 2.9867, NAAS Rating : 3.09,ICV 2015: 59.44
3. Manish Palke and Dr.Avinash Desai, A study on consumer awareness in banking sector after the merger with special reference to State Bank of India and State Bank of Indore. VOLUME-6 | ISSUE-5 | MAY-2017 PARIPEX - INDIAN JOURNAL OF RESEARCH ISSN - 2250-1991 IF : 5.761 | IC Value : 79.96 m) Manish Palke and Dr.Avinash Desai, A study on perception of customers towards the performance of lending procedures of banks due to merger and acquisition VOL-6 Issue 05 may 2017 GLOBAL JOURNAL FOR RESEARCH ANALYSIS IF :4.457| IC Value : 80.26
4. Muskan Sahu, Mukesh Patidar "Performance Analysis of Peak To Average Power Ratio Reduction Using OICF Techniques with OFDM System" International Journal of Engineering Sciences & Management, Vol. 7(1) (January-March 2017), pp. 336-340.

5. Muskan Sahu, Mukesh Patidar “Performance Comparison of PAPR using Optimized Iterative Clipping and Filtering Techniques with OFDM” International Journal of Research in Engineering Technology and Management, Vol. 5(2) (March 2017), pp. 1-5.
6. Mukesh Patidar, Dr. Namit Gupta “Quantum Dot Cellular Automata Based on Effective Layout Design of XOR and XNOR Gate using Nanotechnology” paper presented in SHODH-2017 for Research Scholar at Shri Vaishnav Vidyapeeth Vishwavidyalaya (SVVV) Indore, Madhya Pradesh India, on 4th March 2017.
7. Mukesh Patidar, Dr. Namit Gupta “Performance Analysis of WiMAX (IEEE 802.16e) “Embedded System” Over the Communication Channel using MIMO-OFDM” paper presented in Multidisciplinary National Congress (SANMANTRANA-2017) at Shri Vaishnav Vidyapeeth Vishwavidyalaya (SVVV) Indore, Madhya Pradesh India, on 6th to 8th March 2017.
8. 8.Muskan Sahu, Mukesh Patidar, Deepak Pancholi, Praveen Kumar Patidar “Performance analysis of peak to average power ratio reduction using OICF Techniques with OFDM paper presented in International journal of engineering science & management vol.7 issue 1 pp 336-340 2017.

#### **Paper presentation and publication by Mechanical Faculty members**

1. **Presented research paper “Shiksha Me Bhasha ka Madhyam Matrabhsha hona Chahiya” in one day workshop on “Shiksha Ka Swaroop – Ek Chintan” organized by Shri Govindram Seksaria Institute of Technology and Science, Indore and Shiksha Sanskariti Uthan Nyas, Indore (MP) by Dr. Avinash Desai.**
2. **Presented research paper “Teaching Strategy and Effectiveness of Entrepreneurship Education Programmes: A Multicultural Perspective” in two days Eighth National Conference on Entrepreneurship: Driver for Economic Growth organized by Prestige Institute of Management and Research, Indore. ISBN 978-93-5062-332-9 by Dr. Avinash Desai.**
3. **“Mould Cavity thickness effect on aluminium solidification for temperature dependent properties” by Jitendra Jayant.**
4. **“Effect of Mould Cavity thickness on cooling rate of aluminium with temperature dependent properties” by Jitendra Jayant.**
5. **“Finite element analysis of EGR Coolers for diesel engine” by Jitendra Jayant in ISSN No. 2456-1037.**
6. **“Comparative analysis for testing and validation of existing fin shape with traditional fin shape” by Jitendra Jayant in ISSN No. 2454-3861.**
7. **“Design and Thermal analysis of LED Lamp cooling by using optimization of Fins” by Jitendra Jayant in ISSN No. 2229-5518.**
8. **“Study of Roof passive cooling technology for residential building” by Jitendra Jayant in ISSN No. 2395-4396.**
9. **“LI-BR water absorption systems analysis using artificial neural network (ANN)” by Jitendra Jayant in ISSN No. 2349-784x.**
10. **“Effect of various coils shapes on vortex flow cooling” by Jitendra Jayant in Recent advances & research trends in mechanical engineering conference.**
11. **“Performance of Solar water Heater” by Jitendra Jayant in Recent advances & research trends in mechanical engineering conference.**

12. 10. “ **Performance of trapezoidal solar cooker**” by Jitendra Jayant in Recent advances & research trends in mechanical engineering conference.
13. 11. “ **Performance of Solar Humidifier**” by Jitendra Jayant in Recent advances & research trends in mechanical engineering conference.

### **Workshop and FDPs attended**

#### **Er. Mayuri Panat**

1. Participated in one week workshop on “Advance antenna, frequency selective surface and metamaterials” organised at Govt. Women Engineering College, Ajmer under TEQIP –II in March 2017
2. Under the department of mechanical engineering organized a two day workshop on topic “automobile and I c Engine design”. march 2017.

### **Outreach Activities**

1. Department of Electrical & Electronics Engineering organized a one day industrial visit to “MP Wind Farm 13.05 MW” Jamgodrani Dewas MP on 22nd Nov 2016. In this visit total 56 students and 6 faculty members participated.

### **Invited talk / expert by faculty**

Department of Electrical & Electronics Engineering organized a Department of Electrical & Electronics Engineering organized a 2 days workshop “PCB Design ” on 23 March 2017. In this workshop 35 students participated .

Department of Electrical & Electronics Engineering organized a 3 days workshop on “Fundamental of Electrical & Electronics” was conducted on 3rd-5th Nov 2016. In this workshop 73 students participated.

Department of Electrical & Electronics Engineering organized a 1 day workshop on “PLC Automation” which was conducted on 6<sup>th</sup> April 2016. In this workshop 70 students participated.

Department of Electrical & Electronics Engineering organized a 1 day workshop on “Auto Cad Designing Software” was conducted on 7th Sep 2016. In this workshop 50 students participated.

Department of Electrical & Electronics Engineering organized a 2 days workshop on “Embedded C Programming ” was conducted on 3<sup>rd</sup> and 4<sup>th</sup> Oct .2016. In this workshop 22 students participated.

Department of Electrical & Electronics Engineering organized a 1 day online workshop on “Scilab” with collaboration of IIT Bombay on 23<sup>rd</sup> Dec 2016 .In this workshop 42 students participated.

Dr. Rameshwar Dayal Awasthi Retired Div. Engineer and Advisor in Makhanlal Chaturvedi University Bhopal gave lecture on “Application of Transformer in industries and power systems' on 3<sup>rd</sup> Oct 2016.

### **PARTICIPATION IN INTER COLLEGIATE COMPETITIONS**

- Atul kumar & Deepak Sharma participated in Kabaddi Nodel Level Intercollege Tournament and got 2<sup>nd</sup> prize -2016.
- Anshuman Joshi participated in Kho-Kho Nodel Level Intercollege Tournament at Indore and reached the quarter final round-2016.
- Kunal Tiwari, a 3<sup>rd</sup> year student participated in Chess competition in Nodel Level Inter college Tournament at Indore 2016.

### **IMPORTANT ACADEMIC ACHIEVEMENTS:**

- Dr. Ashok kumar Gupta published a book on “ concept in engineering drawing”.

### **19.Conclusion:**

I thank our Managing Director, Board of Trustees, Members of and Academic Council, Faculty members, Staff and Students for their cooperation help and Support for the development of LNCT.

**Dr. M K Rawat**  
**Principal**

## PRINCIPAL'S REPORT FOR THE YEAR 2017-18

### 1.0 Introduction:

We are happy that **2014-15** batches of B.Tech & **2016-17** batches of M.Tech students completed the Course from LNCT Indore and came out successfully. With the Blessings from Almighty and with the Guidance and support of our Managing Director, Trustees, Governing Body and Academic Council Members, Teachers, Parents, Well Wishers, Staff and Students we could continue to maintain a very good reputation among the self-financing Colleges in the state.

### **HEARTY WELCOME TO All Stakeholders**

### 2.0 Academic Activities:

- Admission for the academic year 2017 started during the month of July 2017. We could get an intake of 420 students from B.Tech branches & 60 students MBA .
- AICTE New Delhi, DTE MP, RGPV Bhopal & DAVV Indore recognition is extended For this year(2017-18)
- Annual ceremony/Farewell of B.Tech 2017-18 batch was in August 11, 2018. Dr. M K Rawat, Principal, Dr A Desai Group Director delivered the convocation address and MD Suprabhat Chouksey presided over the function.
- B.Tech fresher batch Inauguration “Prarambh 2017” was arranged on 1 August 2017.
- Academic year Inauguration was on July 2017
- MD sir presided over the function and Dr. M K Rawat delivered the Inaugural address.

**2.1-Results:** The pass percentage of B.Tech in various departments under RGPV & DAVV University are as follows:-

#### **final year batch**

Semester 8	ME	CS	EC	EE	Overall pass %
Final year	97	95	100	90	95

**2.2: M.Tech/ MBA results are as follows:**

#### **final year batch**

Semester 4	ME	CSE	EC	MBA
Final year	100	100	100	100

### 3.0 Placements

The placement statistics for the 2017-18 batches are as follows:

(Placement is counted as number of job offers / student)

Branch	CS	IT	EC	EX	ME	AU
students placed	40	2	16	2	21	1
% of Placements	78	28	100	16	35	16

Placements for 2017-18 batches is in progress, the current status is as follows:

Total Number of students Placed: 82

% of Placement offers: 51

#### Workshop Trainings & Seminar

- 1) We T&P Cell with **CH Edge Maker** has organised a Seminar in our college. The Activity was for 1 hour. First will be the **Career Guidance**, another will be a **Motivational speech**. Workshop on “Career Seminar” on **Date 19.3.2018 at 10.00**
- 2) T&P Cell has organised the Industrial Visit to NAIDUNIA – PRESS for CS/IT/EC/EX 6th SEM. On 6<sup>th</sup> april 2018, at 10.00
- 3) T&P has organising a Seminar with MADE EASY in our college. The Activity was for 1 hour. They had given **Career Guidance & Motivational speech**. On 9<sup>th</sup> April 2018 at 10.00 AM
- 4) T&P Cell has organised the Industrial Visit for **Mechanical 6th SEM at** Indo German Tool Room (IGTR)– Sanwer Road on 28<sup>th</sup> April 2018 at 10.00 AM
- 5) T&P with Dainik Bhaskar press organised the **Grooming Session** for final year & 3<sup>rd</sup> year students “SAFALTA MERI MUTHI MEIN” on 4<sup>th</sup> Jan 2018 at 12.30 PM

- 6) Department of Electrical & Electronics Engineering organized a 2 days workshop on “Basic Learning of Electrical & Electronics Equipments” on 13 th Feb 2018. In this workshop a total 42 students participated.

**4.0 Faculty and Staff:** We are proud of our Faculty and staff, their dedication and Commitment. We have 117 Faculty Members on rolls and 72 technical supporting staff. We have 15 Faculty with Ph.D, 10 Professors with Ph.D, 5 Asso. Professors with Phd.. All members are with PG qualification.

#### 4.1 Faculty Achievements

EC

##### Er. Mukesh Patidar

1. During Ph.D got the “University Scholarship - Shri Vaishnav Vidyapeeth Vishwavidyalaya(SVVV), Indore (Madhya Pradesh)" for the International Conference (IndiaCom 2018, IEEE).

2 Mukesh Patidar, Namit Gupta “Design of Testable Odd Parity (TOP) and Testable Even Parity(TEP) Logic using Conservative Quantum Dot Cellular Automata (CQCA)”, Scopus, 12thINDIACom-2018 at IEEE Xplore Digital Library (2018), ISSN 0973-7529; ISBN 978-93-80544-28-1.

3. During Ph.D got the “University Scholarship - Shri Vaishnav Vidyapeeth Vishwavidyalaya (SVVV), Indore (Madhya Pradesh)" for the International Conference (IndiaCom 2018, IEEE).

#### 4.2 Paper presentation and publication by Faculty members

1. Mukesh Patidar, Namit Gupta “Design of Testable Odd Parity (TOP) and Testable Even Parity (TEP) Logic using Conservative Quantum Dot Cellular Automata (CQCA)”, Scopus, 12th INDIACom-2018 at IEEE Xplore Digital Library (2018), ISSN 0973-7529; ISBN 978-93- 80544-28-1.

2. Mukesh Patidar, Namit Gupta “Novel Transistor Less design for Hybrid Half Adder-Subtractor using Quantum Dots”, Springer, International Conference on Computational Mathematics in Nanoelectronics and Astrophysics (CMNA 2018) at IIT, Indore (M.P.), 2018.

3. Mukesh Patidar, Namit Gupta “Design of Testable Odd Parity (TOP) and Testable Even Parity (TEP) Logic using Conservative Quantum Dot Cellular Automata (CQCA)”, 12th INDIACom2018 (2018). Bharati Vidyapeeth's Institute of Computers Applications and Management (BVICAM), New Delhi.

4. Akanksha Shrivastava, Prashant Rao “*Factors Affecting Brand Loyalty of Customer with special reference to Indian FMCG*” in two day National Conference on “*Paradigm Shifts and Recent Trend in Management*” on 27<sup>th</sup>, 28<sup>th</sup> April 2018 at LNCT MER Indore



5. Akanksha Shrivastava, Prashant Rao “Factors Affecting Brand Loyalty of Customer with special reference to Indian FMCG” in two day National Conference on “Paradigm Shifts and Recent Trend in Management” on 27th, 28th April 2018 at LNCT MER Indore.

6. CFD Investigation of Joules Heating coil heat exchanger by Jitendra Jayant ISSN(online) 23210613

7. Comparative analysis of critical parameters of vapor compression refrigeration system using mathematical model for refrigerant R-134 & R-152 by Jitendra Jayant

8. Selection of Refrigerant and condenser Material for Vapour Compression Refrigeration system by Dhanajay Yadav ISSN NO 2456-1037

9. Numerical Analysis of total heat transfer rate of a compact heat exchanger using nano Particles In mixture of 90% water and 10% ethylene glycol by Jitendra Jayant

10. Numerical Investigation of energy analysis of automotive radiator using nano fluids as engine Coolants by Jitendra Jayant

11. Design and Development of connecting rod with Aluminum Alloy replacing Iron based alloy material for reciprocating Piston engine by Jitendra Jayant ISSN : 2348-9006

12. Thermal analysis of Piston for compression ignition engine by Jitendra Jayant

ISSN; 2348-9510

13. Dr. Sandeep Tare, “Indian Pharma Market: Current Status and Future Prospective” in International LNCT Management Research Journal, April 2018: ISSN 2320-9658. Vol-1, Pg.No-115-120.

#### **4.3 Workshop and FDPs attended**

1. Attended a three day workshop on ‘Power Electronics Applications in apparatus industry’ organized by department of Electrical Engineering, SGSITS Indore held on December 10-11, 2017 under the sponsorship of TEQIP-III.

2. Mr. Ashutosh Kashiv Attended AICTE sponsored QIP short term course on “Innovative Techniques for Hybrid AC-DC smart grid monitoring, operation and protection’ held from 18/06/2018 to 22/06/2018 at IIT Roorkee.

3. Two days workshop on topic “ Emerging trends in mechanical engineering” at SVITS Indore, attended by Mr. Jitendra Jayant, on Aug 2017

4. One week FDP program on topic “ Refrigeration and HVAC systems” at PIST Indore, attended by Mr. Sunil Shimle, on Nov 2017

5. one day workshop organized by mechanical engineering department LNCT Indore, on topic “ Engine Assembly” by P R Automotive service center in march 2017.

6. one day FDP program organized by mechanical engineering department LNCT Indore, on topic “solidworks/CATIA/ANSYS” by CADD centre in april 2017.

#### **Outreach Activities**

Department of Electrical & Electronics Engineering organized a one day industrial visit to “Bhandari Foils and Tubes” on date 17<sup>nd</sup> Nov 2017. In this visit total 72 student and 4 faculty members attended

**Invited talk / expert by faculty**

FDP conduct on Electronic & Communication Engineering at LNCT Indore, 08/01/2018.

**Conclusion:**

I thank our Managing Director, Board of Trustees, Members of an Academic Council, Faculty members, Staff and Students for their cooperation, help and Support for the development of LNCT.

**Dr.M K Rawat**  
**Principal**

## PRINCIPAL'S REPORT FOR THE YEAR 2018-19

### 1.0 Introduction:

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### 2.0 Academic Activities:

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**2.1-Results:** The pass percentage of B.Tech in various departments under RGPV & DAVV University are as follows:-

#### Final year batch

Semester 8	ME	CS	EC	EE	Overall pass %
Final year	97	98	100	98	99

**2.2: M.Tech/ MBA results are as follows:****Final year batch**

Semester 4	ME	CSE	EC	MBA
Final year	100	100	100	100

**3.0 Placements**

The placement statistics for the 2016-19 batch are as follows:

(Placement is counted as number of job offers / student)

Branch	CS	IT	EC	EX	ME	AU	MBA
Students placed	77	11	5	3	6	0	7
%of Placemens	95	100	40	43	16	0	21

Placements for 2018-19 batch is in progress, the current status is as follows:

Total Number of students Placed : 106

% of Placement offers : 60

**Workshop Trainings & Seminar**

- 1) T&P Cell has organised mandatory training for 7<sup>th</sup> SEM students “**Drafting Resume & Communication Skills**” on 23<sup>rd</sup> July, 2018 , 1:30 PM to 3.30 PM
- 2) T&P Cell has organised the Industrial Visit for CS/IT 5th SEM on M/S M.B.Bakers Pvt Ltd (Parle-G – Biscuits) on 17<sup>th</sup> Aug 2018
- 3) T&P with Dainik Bhaskar press organised the **Grooming Session** for final year & 3<sup>rd</sup> year students “ SAFALTA MERI MUTHI MEIN” on 20<sup>th</sup> Sep 2018 at 12.30 PM
- 4) T&P Cell has organised mandatory training for 7<sup>th</sup> SEM students “**Drafting Resume & Communication Skills**” on 16<sup>th</sup> Sep, 2018 , 1:30 PM to 3.30 PM

5) T&P Cell with **Japan External Trade Organisation (JETRO)** partner [www.dorandabizs.com](http://www.dorandabizs.com) is organising a **placement activity** in our college “Career for Indian students in Japan” on 28<sup>th</sup> Sep 2018 at 10.00

6) **Mahindra & Mahindra** Company has organized **Quiz & online Test** for BE ALL SEM & ALL Branch. On 30<sup>th</sup> Jan 2019 at 11.00 am

7) T&P Cell has organised the Industrial Visit for **ME – branch 20<sup>th</sup> March 2019 at 10.00 AM**

8) T&P has organised a workshop on “Spoken English” for all students of 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> Year. On topic

Workshop on following topics:

1. Pronunciation
2. Vocabulary
3. Common Mistakes in English
4. Body Language and Dressing Sense

This lecture was taken by Ms. Priyanka Ramchandani (Entrepreneur & English Trainer) on 28<sup>th</sup> March 2019 at 11.00 to 12.30

**4.0 Faculty and Staff:** We are proud of our Faculty and staff, their dedication and Commitment. We have 121 Faculty Members on rolls and 20 technical supporting staff. We have 11 Faculty with Ph.D, 8 Professors with Ph.D, 3 Asso. Professors with Ph.D. All members are with PG qualification.

#### 4.1 Faculty Achievements

##### EC : Mukesh Patidar

##### Patent

1 Mukesh Patidar, Dr. Namit Gupta “Process for Formation of Capacitor Structure for Non-Volatile Memory on Germanium Nanocrystals” Application No.201941033347A, the Patent Office Journal (ISSUE No. 38/2019) Dated 20/09/2019, Number of Pages 17.

[http://www.ipindia.nic.in/writereaddata/Portal/IPOJournal/1\\_4789\\_1/Part-1.pdf](http://www.ipindia.nic.in/writereaddata/Portal/IPOJournal/1_4789_1/Part-1.pdf)

2. Patidar M., Gupta N. “Efficient Design and Simulation of Novel Exclusive-OR Gate Based on Nanoelectronics Using Quantum-Dot Cellular Automata”, Springer, Lecture Notes in Electrical Engineering, Vol. 476, pp. 599-614, (2019) Singapore. [https://doi.org/10.1007/978-981-10-8234-4\\_48](https://doi.org/10.1007/978-981-10-8234-4_48).

3 Appointed as reviewer of Springer Nature, The Journal of Supercomputing, Impact Factor: 2.469 (2019) <https://www.springer.com/journal/11227> and 3 Springer Nature, The Journal of Supercomputing, Impact Factor: 2.469 (2019) <https://www.springer.com/journal/11227>.

#### 4.2 Paper presentation and publication by Faculty members

1. Prof. Avinash Desai and Prof. A.K Sapre “A study of customers buying behavior at organized retail outlets” in Materials Management Review volume 16 – issues 8, June 2020 ISSN 2320-0758. A monthly publication of Indian Institute of Materials Management. Page 10. Available on [www.iimm.org](http://www.iimm.org)
2. Mr. Nitin Prabhu Kulkarni and Dr. Avinash Desai “A Study of Green Supply Chain Management and Operations Strategy” in International Journal for Research in Engineering Application and Management VOLUME 05, ISSUE 01, APRIL 2019 peer reviewed UGC approved Impact factor 5.834 ISSN; 2454-9150 journal.
3. Mr. Nitin Prabhu Kulkarni and Dr. Avinash Desai “A Study of Green Factory Management Strategy” in Journal of Emerging Technologies and Innovative Research VOLUME 06, ISSUE 05, MAY 2019 UGC approved Impact factor 5.87 ISSN; 2349-5162 journal.
4. Prof. Avinash Desai and Prof. A.K Sapre “Effect of Online Marketing to Rollover Offline Marketing on Consumers - A Qualitative Analysis” in Materials Management Review volume 16 – issues 7, May 2020 ISSN 2320-0758. A monthly publication of Indian Institute of Materials Management. Page 10. Available on [www.iimm.org](http://www.iimm.org)
5. A. Kashiv, H. K. Verma, “LVRT ability improvement of DFIG connected WECS- State of Art”, IEEE International Conference on Advance Technologies in Renewable Energy for future Sustainability, organized by School of Energy & Environment Management UTD, RGPV Bhopal under TEQIP-III, 30th -31st January 2019.
6. Akanksha Shrivastava, Pawan Rawat, Sooraj Rawat “A Review on Automatic Cooling Control Technology of Transformer” in international level Tech. Conference on “Contemporary Global Trends and Research in Electrical and Electronics Engineering” Mar 29 th & 30th 2019 at SKC LNCT Indore.
7. Akanksha Shrivastava, Prashant Rao “A Review on Electrical Energy Management System” in international level Tech. Conference on “Contemporary Global Trends and Research in Electrical and Electronics Engineering” Mar 29<sup>th</sup> & 30<sup>th</sup> 2019 at SKC LNCT Indore.
8. Akanksha Shrivastava, Ambuj Kumar Dwivedi, Ravi Shankar Panwar, “Overview of Electric Vehicle Charging Stations Based on Smart Grid” in international level Tech. Conference on “Contemporary Global Trends and Research in Electrical and Electronics Engineering” Mar 29<sup>th</sup> & 30<sup>th</sup> 2019 at SKC LNCT Indore.
9. Akanksha Shrivastava , Ankur Soni , “Solar Tracking System with Automation through PIR for A Smart Home: A Review” in international level Tech. Conference on “Contemporary Global Trends and Research in Electrical and Electronics Engineering” Mar 29<sup>th</sup> & 30<sup>th</sup> 2019 at SKC LNCT Indore.
10. Akanksha Shrivastava, Prashant Rao “Management of Electricity Bill tariff for different consumers.” in international level Tech. Conference “Sustainable Development through Social ,science ,Management, Smart Education, agriculture Technologies & advanced Engineering applications in Global environment. ”at Om Kothari Group of Institution Kota Rajasthan India ,on 23<sup>th</sup> -24<sup>th</sup> February 2019.
11. Dr.Sandeep Tare, “New Challenges and Opportunities In Healthcare Analytics: Need of Modern India.” In Review of Research, Vol.8/Issue-1/October-2018, ISSN2249-894X, UGC No.48514, IF 5.7631.

12. Dr.Sandeep Tare,“Sustainable Pharmaceutical Marketing Strategies: In reference to the SME Pharma Industry”: In Review of Research,Vol.8/Issue-2/November-2018, ISSN2249-894X,UGC No.48514, IF 5.7631.
13. Dr.Sandeep Tare,“Current Business Strategies of Indian Pharmaceutical Industry: In Reference To Small Scale Pharmaceutical Industry” In Review of Research,Vol.8/Issue-2/November-2018, ISSN2249-894X,UGC No.48514, IF 5.7631.
14. Dr.Sandeep Tare ,“Business Analytics In Healthcare As Business Strategy For Indian Pharma Industry”,: In Kaav International Journal of Economics ,Commerce Business Management (A RefereedDoubleBlindPeer Review Quarterly Journal),KIJECBM/OCT-DEC(2018)/22<sup>nd</sup>Dec-2018/Vol-5/ISS-4/SIICIAHPSPITO-48,Pg.No.302-305,ISSN: 2348-4969, IF 8.9901(2018).
15. Dr.Sandeep Tare , “Strategic Decision Making Process: How Effective For A Start-Up.”: In UGC Approved Journal, No.64664, Vol.20, No-1, January2019, and ISSN: 9726-001X. , IMPACT FACTOR 5.97.
16. Dr.Sandeep Tare,“SWOT ANALYSIS OF INDIAN PHARMACEUTICAL INDUSTRY : IN REFERENCE TO INDIAN SME PHARMA INDUSTRY APPROACHES TOWARDS COMPETITIVE ADVANTAGE”, In Journal Current Sciences, UGC Approved Journal No.64664,Vol.20,Issue -02,Feb-2019(ICOSD), ISSNNo.-9726-001X, IMPACT FACTOR 5.97.
17. Dr.Sandeep Tare, “ EMERGING TECHNOLOGY ENABLED SUPPLY CHAIN & LOGISTICS- THE COMPETITIVE STRATEGY IN I-4.0,In Journal of Current Sciences, UGC Approved Journal No.64664,Vol.20,Issue -02,Feb-2019(ICOSD), ISSNNo.-9726-001X, IMPACT FACTOR 5.97.
18. Dr.Sandeep Tare,“ COMPETITIVE FINANCIAL BUSINESS STRATEGIES: IN REFERENCE TO SME PHARMA INDUSTRY”, In Journal of Current Sciences, UGC Approved Journal No.64664,Vol.20,Issue -02,Feb-2019(ICOS D), ISSNNo.-9726-001X, IMPACT FACTOR 5.97
19. Dr.Sandeep Tare, “Growth Drivers in International Logistics’ and Supply Chain: Emerging Technology As Competitive Strategy In I.4.0. In Journal of Emerging Technologies and Innovative Research( JETIR), UGC Approved ( Journal No:63975), ISSN :2349-5162,IMPACT FACTOR 5.87,Vol.6,Issue-6,June 2019 .
20. 16. Mukesh Patidar, Namit Gupta “Novel Logic Optimization for Hybrid Adder Subtractor design using Systematic Minimization J-map Technique for Quantum Dot Cellular Automata”, 106th Indian Science Congress (ISC-2019), at Lovely Professional University, Jalandhar, Punjab on 3-7th January 2019.
21. 17. Er. Mayuri Panat Presented research paper titled ”Design of rectangular microstrip patch antenna using fractal geometry” in International Conference on Communications, Signal Processing and VLSI at NIT Warangal in year 2019.
22. Er. Kritika Kalra,Published research paper titled” A survey on blood cancer classification based on image processing” in International journal of scientific progress and research (IJSPR), issue 158, vol. 58, no. 1 in April 2019.
23. Er. Kritika Kalra,Published research paper titled” Classification of Blood Leukemia using image pre-processing , DWT and probabilistic Neural Network” in international Journal of applied Engineering Research ISSN 0973-4562 volume-14, number-15(2019)pp.3356-3363

### Department of Mechanical Engineering

20 Theoretical and experimental analysis of piston rings assembly (PRA) friction of a single cylinder various capacity I.C Engine by Mrigendra Singh ISSN: 2249-7455.

21. analysis of advanced bio briquettes for effective heat production in steam generators and analysis with existing biomass by Jitendra Jayant. ISSN: 2320-5067.

22. Study on enhancement of heat transfer through heat exchanger through corrugated plate type heat exchanger by Sunil Shimle. ISSN NO 2249-8303.

### 3 Workshop and FDPs attended EC dept

1.Mukesh Patidar Attends two days workshop on IIT Bombay, “*e-Yantra Lab Setup Initiative (eLSI):Confirmation and important instructions*” at Indore Institute of Science & Technology, Indore,Madhya Pradesh, during 11-12 October 2019.

2.Mayuri Panat Participated in One week TEQIP sponsored short term course on antenna design and fabrication organised at THDC-IHET from 4 to 8 september 2019.

### Department of Mechanical Engineering

3. LNCT Indore has been organized two days national conference on” [RECENT ADVANCES & RESEARCH TRENDS IN MECHANICAL ENGINEERING](#)”, successfully from 25<sup>th</sup> to 26<sup>th</sup> May,2018

4. LNCT Indore has been organized one week faculty development program on “I C Engine, Alternative fuels and Emissions” under TEQIP III from 16th to 20th April 2018

### Dept of Electrical Engineering

5. Ashutosh Kashiv HOD Department of Electrical & Electronics Engineering organized a 2 days workshop on “Basics Of Robotics” on 18<sup>th</sup>,19<sup>th</sup> Jan 2019. In this workshop total 45 students participated.

#### 1.4 Outreach Activities

Department of Electrical & Electronics Engineering organized a one day industrial visit to “NHDC Hydro Power project 8\*65 unit” Omkareshwar Khandwa MP on date 10th Oct 2018.In this visit total 75 students and 7 faculty members participated.

#### Conclusion:

I thank our Managing Director, Board of Trustees, Members of an Academic Council, Faculty members, Staff and Students for their cooperation, help and Support for the development of LNCT.

**Dr. M K Rawat**  
**Principal**



**PRINCIPAL'S REPORT FOR THE YEAR 2020-21****1.0 Introduction:**

We are happy that **2016-17** batches of B.Tech & **2018-19** batches of M.Tech students completed the Course from LNCT Indore and came out successfully. With the Blessings from Almighty and with the Guidance and support of our Managing Director, Trustees, Governing Body and Academic Council Members, Teachers, Parents, Well Wishers, Staff and Students we could continue to maintain a very good reputation among the self-financing Colleges in the state.

**HEARTY WELCOME TO All Stakeholders****2.0 Academic Activities:**

- Admission for the academic year 2019-20 started during the month of July 2019. We could get an intake of 420 students from B.Tech branches & 60 students MBA .
- AICTE New Delhi, DTE MP, RGPV Bhopal & DAVV Indore recognition is extended For this year(2019-20)
- Annual ceremony/Farewell of B.Tech 2017-18 batch was on August 11, 2020. Dr.M K Rawat, Principal, Dr A Desai Group Director delivered the convocation address and MD Suprabhat Chouksey presided over the function.
- B.Tech First year batch Inauguration “Prarambh 2019” was arranged on 1 August 2019.
- Academic year Inauguration was on July 2019
- MD sir presided over the function and Dr. M K Rawat delivered the Inaugural address.

**2.1-Results:** The pass percentage of B.Tech in various departments under RGPV & DAVV University are as follows:-

**Final year batch**

Semester 8	ME	CS	EC	EE	Overall pass %
Final year	96	98	95	100	98

**2.2: M.Tech/ MBA results are as follows:****Final year batch**

Semester 8	ME	CSE	EC	MBA
Final year	100	100	100	100

### **3.0 Placements**

The placement statistics for the 2016-19 batch are as follows:

(Placement is counted as number of job offers / student)

Branch	CS	IT	EC	EX	ME	AU	MBA
students placed	61	4	0	0	4	0	5
% of Placements	80	50	0	0	16	0	21

Placements for 2019-20 batch is in progress, the current status is as follows:

Total Number of students Placed : 74

% of Placement offers : 46

workshop Trainings & Seminar

1) T&P Cell organized Training for 7th Sem students on topic “Resume Drafting & Interview Technique” on 15th July at 10.30 to 12.30.

2) T&P has organised the workshop on “Spoken English” for all students of 1st, 2nd, 3rd Year. On topic

Workshop on following topics:

- Pronunciation
- Vocabulary
- Common Mistakes in English
- Body Language and Dressing Sense

This lecture was taken by Ms.Priyanka Ramchandani(Entrepreneur & English Trainer) on 19th July 2019 at 11.00 to 12.30

3) T&P Cell with 94.3 MY FM organized the event “Kismat Ki Chabi “- Talent Hunt Event in LNCTS college on 26th July 2019

4) T&P cell organised the workshop on topic“Get Ready for Campus Placements” for all students of LNCT Group of Colleges – INDORE sponsored by Rajiv Gandhi Proudhyogiki Vishwavidhyalaya (RGPV) under TEQIP – III to reduce the gap between industry and academics. Speaker was Ms. Amarpreet Kaur Ahuja (Director – Human Resources – Astra Zeneca Pvt Ltd - Chennai) on 19th OCT, 2019 at 10.00 AM

**4.0 Faculty and Staff:** We are proud of our Faculty and staff, their dedication and Commitment. We have 117 Faculty Members on rolls and 20 technical supporting staff.

We have 11 Faculty with Ph.D, 10 Professors with Ph.D, 1 Asso. Professors with Ph.D. All members are with PG qualification.

#### **Paper presentation and publication by Faculty members**

1. Mr. Nitin Prabhu Kulkarni and Dr. Avinash Desai “An Empirical Analysis of Water Management and Accountability Program in Automobile Industry Around Pune” in Adalya Journal VOLUME 08, ISSUE 10, OCTOBER 2019 UGC approved Impact factor 5.3 ISSN; 1301-2746 journal.

2. Mr. Nitin Prabhu Kulkarni and Dr. Avinash Desai “An Empirical Analysis of Product Responsibility Management Program Execution Methodology in Automobile Industry Around Pune” in Adalya Journal VOLUME 08, ISSUE 09, SEPTEMBER 2019 UGC approved Impact factor 5.3 ISSN; 1301-2746 journal.
3. e) Mr. Nitin Prabhu Kulkarni and Dr. Avinash Desai “An Empirical Analysis of Waste Management in Automobile Industries with reference to Pune 4 05/06/2020 District” in Compliance Engineering Journal VOLUME 10, ISSUE 08, AUGUST 2019 UGC approved Impact factor 6.2 ISSN; 0898-3577 journal.
4. f) Mr. Nitin Prabhu Kulkarni and Dr. Avinash Desai “A Study on Material Conservation and Recyclability in Automobile Industries at Pune District” in Compliance Engineering Journal VOLUME 10, ISSUE 07, JULY 2019 UGC approved Impact factor 6.2 ISSN; 0898-3577 journal
5. Mukesh Patidar, and Namit Gupta “An efficient design of edge-triggered synchronous memory element using quantum dot cellular automata with optimized energy dissipation”, Springer, Journal of Computational Electronics, Vol. 19, pp. 529–542 (2020). <https://doi.org/10.1007/s10825-020-01457-x>. (SCI, IF=1.620).
6. Mukesh Patidar, and Namit Gupta “Modular Design and Energy Estimation of Coplanar Hybrid Half Adder-Subtractor in Quantum-Dot Cellular Automata Nanocomputing” Springer, Microsystem Technologies (2020) - under review (Manuscript ID: MITE-D-21-00104).
7. Mukesh Patidar, and Namit Gupta “An Efficient Design of Single-bit Arithmetic Logic Unit in Quantum-dot Cellular Automata with Optimized Power Consumption”, Elsevier, Computers and Electrical Engineering (2020) – under review (Manuscript ID: COMPELECENG-D-20- 01859).
8. Mukesh Patidar, and Namit Gupta “An efficient design of ultra-low power dissipation (< 1.5 nw) even and odd parity generator circuits in QCA nanotechnology using QD-E”, Springer, Journal of Supercomputing (2020) – under review (Manuscript ID: SUPE-D-21-00354). Scopus Index: 1 Patidar M., Gupta N. "An Ultra-efficient design and optimized energy dissipation of Reversible computing circuits in QCA technology using zone partitioning method", Springer, International Journal of Information Technology, (2020) – review completed (Manuscript ID: BJIT-D-21-00101R1).
9. Mukesh Patidar, Namit Gupta “Efficient Design of Novel Reversible Feynman Gate in Quantum-Dot Cellular Automaton with Optimized Average Output Polarization and Energy Dissipation”, 107th Indian Science Congress (ISC-2020), at University of Agricultural Sciences, GKVK Campus, Bangalore, Karnataka from 3-7th January, 2020. 5
10. Mukesh Patidar, and Namit Gupta (2020). “Efficient Design and Minimization of Quantum Dot Cell for Hybrid Half Adder-Subtractor using coplanar and multilayer approaches.” Accepted for Poster presentation, 11th International Conference on Quantum Dots, Walter Schottky Institut, Technische Universität München, Germany 30th September 2020\*. [<https://qd2020.exordo.com>]. \*Due to COVID-19, Conference postponed on DEC 7-11 2020, Munich, Germany.

Er. Praveen Patidar

Nitisha Sen, Praveen Patidar “[a review of microstrip patch antenna for 5G](#) paper presented in International Journal of Broadband Cellular Communication vol.6 issue 2 pp 7-16 2020

Er. Mayuri Panat

1. Published research paper titled "Design of double layer microstrip patch antenna using fractal geometry for multiband applications" in International Journal of modern electronics and communication engineering ( volume 8 , issue 3.)in May 2020.
2. Presented research paper titled "Miniaturization of fractal filter" in National Conference at SVIM Indore in year 2020
3. "Thermal analysis of ic engine cylinder by varying fin gap & thickness" by Nilesh Sharma, ISSN no. 2348-9006
4. "comparative analysis of tubular type of heat exchanger using CFD" by mrigendra singh ISSN no. 2348-9006
5. "A study to optimize Heat pump system using predictive fuzzy logic controller" by kundan gupta issn no. 2278-8034
6. "Performance analysis of vapour compression refrigeration system by using eco friendly hydrocarbon refrigerants & their blends" by sunil shimle
7. A. Kashiv, H. K. Verma, "Techniques used for the LVRT ability enhancement for DFIG connected system", *First IEEE International Conference on Power, Control and Computing Technologies (ICPC2T), NIT Raipur, 3rd – 5th January, 2020, pp. 68–72, 9071505 (Scopus Index)*
8. Akanksha shrivastava, Satya Prakash Pandey, Mohit Mandloi, "A review on: GSM Based Power Theft Detector at Pole Mounted Substation" International conference (ICOSD-20) held at SKC LNCT Indore, dated 3<sup>rd</sup> to 5<sup>th</sup> January 2020.
9. Akanksha Shrivastava, "Power Transformer Testing using Sweep Frequency Response Analysis Techniques", 2019/IJTRM/3/2019/23152.
10. Dr.Sandeep Tare, "Customer Centric Supply Chain Technologies: As Competitive Strategy In I.4.0, in ADALYA JOURNAL, An UGC-CARE approved Gr-A- Journal, ISSN - NO:1301-2746/WEB <http://adalyajournal.com>, Pg.No 1744-1751, Volume 8, Issue 10, With IF 5.3, October 2019

### Workshop and FDPs attended

1. Ashutosh Kashiv attended a webinar on "Introduction to optimization and java optimization techniques LNCT, INDORE on 24 May 2020.
2. Dilip sahasrabudhe attended FDP course DC Microgrid from 01-07-2019 - 30-09-2019.
3. Dilip sahasrabudhe attended a webinar on Introduction to Optimization and Jaya Algorithm. 24-05-2020
4. Dilip sahasrabudhe attended a webinar on Use of online resources in teaching-learning process 20-05-2020
5. Dilip sahasrabudhe attended a webinar on An Overview of Protection Strategies for Micro-Grid With Penetration of DGS.07-06-2020
6. Dilip sahasrabudhe attended a webinar on High Performance Computing 12-06-2020
7. Dilip sahasrabudhe attended a webinar on Assessment of Electric Vehicle By Big Data Analysis 09-06-2020

### Er. Mukesh Patidar

1. Attended the webinar on "Natural Resources and Their Management strategies in Post Corona Period- Global and National Challenges on 8 May 2020.

2. Participated in the online webinar on “Digital Learning – Adopted by Chance” Chennai institute of Technology on 9 May 2020 and 16 May 2020.

Er. Praveen Patidar

1. Attended webinar on “Introduction to optimization and java optimization techniques LNCT, INDORE on 24 May 2020.

2. Attended webinar on “Technology trends in automotive electronics-an trend” organised by SGSITS, Indore on 20 June 2020.

3. Attended webinar on “ Basics of research :definition , characteristics and types “ organised by ITEC &SSDC Hamirpur on 23 June 2020.

4. Attended webinar on “advances in security for IOT and industry 4.0” organised by PIEMR on 24 June 2020.

Er. Mayuri Panat

1. Attended webinar “ 3D EM simulation using CST STUDIO SUITE” organised by KLEF, AP from 22 to 26 June 2020.

2. Attended webinar “Nature inspired optimization techniques and their application in antenna design” organised by IEEE MTTs SBC Jadavpuruniversity on 20 June 2020.

3. Attended webinar on “recent trends in RF and its applications” organised by IEEE RAJASTHAN SUBSECTION from 26 to 30 June 2020.

4. Attended webinar “Explore the world of electronic media” organised by MNM, Dhamnod on 24 May 2020.

5. Attended webinar on “Microwave imaging” organised by SGSITS, Indore on 12 June 2020.

Rahul viswakarma

1. Workshop on Refrigeration & hvac design at indore

## **COMPUTER SCIENCE DEPARTMENT :-**

**Er. Chetan Choudhary**

1. Organised The Webinar On Topic of “Enter in the Digital Word” Organised By CSE department on 3 -DEC-2020 .

2. The Webinar On Topic of “Application Of Python on Data science” Organised By CSE department 25 -Nov-2020.

**Er. Sapana Fegde**

1. Attended The Webinar On Topic of “Enter in the Digital Word” Organised By CSE department on 3 -DEC-2020.

2.Organised The Webinar On Topic of “Application Of Python on Data science” Organised By CSE department 25 -Nov-2020.

3.Attend the Webinar On Topic of “Cyber Chain Block System” Organised by CSE department on 26-November-2020.

**Er.Girish Gogate**

1.Organised The Webinar On Topic of “Phishing Detection And Prevention” Organised By CSE department on 27 -November-2020 .

2.Attend the Webinar On Topic of “Cyber Chain Block System” Organised by CSE department on 26-November-2020.

3.Attended The Webinar On Topic of “Enter in the Digital Word” Organised By CSE department on 3 -DEC-2020 .

4.Attended the Webinar On Topic of “Application Of Python on Data science” Organised By CSE department 25 -Nov-2020.

**Er. Shweta Gupta**

1.Organized the Webinar On Topic of “Cyber Chain Block System”Organised by CSE department on 26-November-2020.

2. Attended Webinar on the topic of “Woman empowerment” organized by Lnct on 8th march 2020.

3.Attended The Webinar On Topic of “Enter in the Digital Word” Organised By CSE department on 3 -DEC-2020 .

4.Attended the Webinar On Topic of “Application Of Python on Data science” Organised By CSE department 25 -Nov-2020.

**Er. Khoosboo Sawant**

1.Organized the Webinar On Topic of “Mean Stack” Organised by CSE department on 24 NoV -2020.

2. Attended Webinar on the topic of “Woman empowerment” organized by Lnct on 8th march 2020.

3.Attended The Webinar On Topic of “Enter in the Digital Word” Organised By CSE department on 3 -DEC-2020 .

4.Attended The Webinar On Topic of “Open Source and Apache way” Organised By Lnct 21 -Nov-2020 .

**Er. Ruchika Chouhan**

1.Organized the Webinar On Topic of “Machine Learning” Organised by CSE department on 5 Nov -2020.

2.Attended The Webinar On Topic of “Open Source and Apache way” Organised By Lnct 21 -Nov-2020 .

**Er. Kushal Joshi**

1.Organized the Webinar On Topic of “Cloud deployment and deployment model”Organised by CSE department on 11-DEC -2020.

**Outreach Activities**

Department of Electrical & Electronics Engineering organized a one day industrial visit to “Substation Dharam Puri Sanwer 220kV ” 26th Nov 2019.In this visit total 75 students and 5 faculty members participated.

**Invited talk / expert by faculty**

Organised Expert lecture on “ Nanotechnology and Nanoscience : Simulation of Electronic properties of Nanostructures/Nanomaterials” by Dr. Hari Mohan Rai , Assistant Professor Deptt. of Physics , Govt. PG College Tikamgarh(M.P) on 23/11/2020 02:00 PM - 03:00 PM.

**19.0 Conclusion:**

I thank our Managing Director, Board of Trustees, Members of and Academic Council, Faculty members, Staff and Students for their cooperation, help and Support for the development of LNCT.

**Dr. M K Rawat**  
**Principal**

## PRINCIPAL'S REPORT FOR THE YEAR 2020-21

### 1.0 Introduction:

We are happy that **2017-18** batches of B.Tech & **2019-20** batches of M.Tech /Mba students completed the Course from LNCT Indore and came out successfully. With the Blessings from Almighty and with the Guidance and support of our Managing Director, Trustees, Governing Body and Academic Council Members, Teachers, Parents, Well Wishers, Staff and Students we could continue to maintain a very good reputation among the self-financing Colleges in the state.

### **HEARTY WELCOME TO All Stockholders**

### 2.0 Academic Activities:

- Admission for the academic year 2020-21 started during the month of July 2020. We could get an intake of 420 students from B.Tech branches & 60 students M.tech /MBA each.
- AICTE New Delhi, DTE MP, RGPV Bhopal & DAVV Indore recognition is extended For this year(2020-21)
- Annual ceremony/Farewell (online) of B.Tech 2017-18 batch was in August 11 , 2021. Dr. S V Sadhwani, Principal, Dr A Desai Group Director delivered the convocation address and MD Suprabhat Chouksey presided over the function.
- B.Tech batch 2020-21 Inauguration “Prarambh 2020” was arranged on 1 Dec 2020.
- Academic year Inauguration was in July 2020 online.
- MD sir presided over the function and Dr. S V Sadhwani delivered the inaugural address.

**2.1-Results:** The pass percentage of B.Tech in various departments under RGPV & DAVV University are as follows:-

#### **Final year batch**

Semester 8	ME	CS	EC	EE	Overall pass %
Final year	98	97	96	95	97

**2.2:** M.Tech/ MBA results are as follows:

#### **Final year batch**

Semester 4	ME	CSE	EC	MBA
Final year	100	100	100	100

### 3.0 Placements



Branch	CS	IT	EC	EX	ME	AU	MBA
students placed	25	0	0	0	0	0	1
%ofPlacements	62	0	0	0	0	0	3

Placements for 2020-21 batch is in progress, the current status is as follows:

Total Number of students Placed : 26

% of Placement offers : 32

#### Workshop Trainings & Seminar

1) T& P Cell arranged the workshop for 3<sup>rd</sup> year & final year students are invited to join the webinar on placement. “**Preparation for Placement & Adaptability for Career Success**” on 6<sup>th</sup> Nov 2020 at 11.00 am to 12.30 PM. On Zoom Meeting Speaker: - Dr.Niten Merh - have 22 years exp in teaching. Conducted training for Nichola Piramal Indian Ltd etc.

2) T&P Cell for students of BE CS / IT branch 3<sup>rd</sup> & 4<sup>th</sup> (Final Year) students organised the webinar on “Open Source – Apache” on 21st Nov 2020 at 11.00 am to 12.30 pm. Speaker: -. Mr. Sourabh Jain & Mr. Aditya Sharma From Company HOTWAX

3) Department of Electrical and Electronics Engineering organized a STTP on “Applications of Power Electronics Converters in Renewable Energy” under TEQIP III of RGPV during 20, 21, 22 March 2021

**4.0 Faculty and Staff:** We are proud of our Faculty and staff, their dedication and Commitment. We have 103 Faculty Members on rolls and 20 technical supporting staff.

We have 13 Faculty with Ph.D, 9 Professors with Ph.D, 4 Asso. Professors with Ph.D. All members are with PG qualification.

#### **4.1 Faculty Achievements**

1 Appointed as reviewer of Wiley, Advanced Theory and Simulations. Impact Factor: 2.951 (2020).<https://onlinelibrary.wiley.com/journal/25130390>.

#### **4.2 Paper presentation and publication by Faculty members**

1. A review on conformal cooling of an injection moulded part through mould3X  
Ritu shrivastava ISSN No. 2395566x
2. conformal cooling of an injection moulded part through mould3X

Ritu shrivastava ISSN No. 23484098

3. Review of transient thermal analysis of double disc rotor for different material with hybrid mechanism ISSN NO. 22779655 (Nitin jaiswal)

4. Study and review of cryopump & pumping behavior of different gases  
ISSN NO. 23950056 (k.d. pandey)

5. Kashiv, A., Verma, H.K., "Performance Analysis of Doubly-Fed Induction Generator using PID Controller Optimized by Whale Optimization" Int. J. of Engineering Systems Modelling and Simulation (Inderscience /Web of Science /ESCI/Scopus), (Paper is in the process of review)

6. A. Kashiv, H. K. Verma, "Dolphin Echolocation Algorithm for small signal stability analysis of DFIG based wind power system", Int. J. of Engineering Systems Modelling and Simulation (Inderscience publication-Scopus Index), paper accepted and in print process

7. A. Kashiv, H. K. Verma, "Optimization of the control parameters of the converter on the rotor side of a DFIG connected wind energy conversion system using grey wolf optimization", *Journal of Green Engineering*, 2020, 10(10), pp. 9823–9849 (Scopus Index)

8. Akanksha shrivastava, Satya Prakash Pandey, Mohit Mandloi, "A review on: GSM Based Power Theft Detector at Pole Mounted Substation" International conference (ICOSD-20) held at SKC LNCT Indore, dated 3<sup>rd</sup> to 5<sup>th</sup> January 2020.

### 4.3 Workshop and FDPs attended

Faculty- Nilesh sharma

- 1) webinar on solar energy an infinite source of sustainable energy development, Inct indore on 18/11/2020
- 2) Workshop on hvac design & analysis at rgpv Bhopal 8-9 june 2020
- 3) Webinar on industry at ips gwalior 4.0 at 10 july 2020
- 4) Fdp on Emerging trends in research at sirt Bhopal on 22-26 june 2020
- 5) Webinar on intellectual property rights at cdgi indore On 11 july 2020
- 6) Webinar on roles & Application of 3d experience platform at oist bhopal on 11 july
- 7) Fdp on advancement in energy audit & management at sait indore on 29-30 may
- 8) Webinar on additive manufacturing & reverse engineering at MSME Bhopal on 20 june 2020
- 9) Webinar on Universal Human Values in Technical Education, at Inct Bhopal on 22 june 2020
- 10) Fdp on futuristic technology oist Bhopal on 19-21 june 2020
- 11) Webinar on career oportunitis in biotechnology at sjdm indore on 25 june 2020
- 12) Workshop on art of communication for professionals at Inct Bhopal on 26 june 2020
- 13) Summer training program learning the art of communication skill & employability at rgpv Bhopal, 2-15 june 2020
- 14) Webinar on mechanical engg a boon to serve the mankind post covid19 at sirt Bhopal on 20 june
- 15) Webinar on intellectual property rights & technology transfer in academic institution at rgpv Bhopal on 11 june 2020

#### **Mukesh Patidar**

16) Attended the webinar on "Natural Resources and Their Management strategies in Post Corona Period- Global and National Challenges on 8 May 2020.

17) Participated in the online webinar on "Digital Learning – Adopted by Chance" Chennai institute of Technology on 9 May 2020 and 16 May 2020.

#### **A Kashiv**

18) IEEE-ABET Webinar on Accreditation and Quality of Engineering Education in south asia 08/07/2020

19) Technology Trendz in Renewables Solar-Wind & Hybrid.30/07/2020

#### **Mukesh Patidar**

20). Webinar on MATLAB at Crescent eminent college Indore, 2020.

CSE Department Er. Sapana Fegde

21) Attended the Webinar on the topic of “IOT and Machine Learning” organized by Lncet on 2 January 2021.

22) Attended the Webinar on the topic of “Benefits of meditation to relieve Stress and increase IQ level” organized by Lncet on 22nd march 2021.

Er. Kushal Joshi

23) Organized the Webinar On Topic of “Cyber security of Automotive industry” Organised by CSE department on 6-feb -2021.

24) Attended the Webinar on the topic of “Benefits of meditation to relieve Stress and increase IQ level” organized by Lncet on 22nd march 2021.

Er. Khoosboo Sawant

25) Organized the Webinar On Topic of “Manual and Automation Testing” Organised by CSE department on 9-feb -2021.

26) Attended the Webinar on the topic of “Benefits of meditation to relieve Stress and increase IQ level” organized by Lncet on 22nd march 2021.

27) Attended the Webinar on the topic of “IOT and Machine Learning” organized by Lncet on 2 January 2021.

Er. Shweta Gupta

28). Attended the Webinar on the topic of “IOT and Machine Learning” organized by Lncet on 2 January 2021.

29) Attended the Webinar on the topic of “Benefits of meditation to relieve Stress and increase IQ level” organized by Lncet on 22nd march 2021.

30) Attended the Webinar On Topic of “Manual and Automation Testing” Organised by CSE department on 9-feb -2021.

Er. Girish Gogate

31. Attended the Webinar On Topic of “Manual and Automation Testing” Organised by CSE department on 9-feb -2021.

32. Attended the Webinar on the topic of “Benefits of meditation to relieve Stress and increase IQ level” organized by Lncet on 22nd march 2021.

33. Attended the Webinar on the topic of “IOT and Machine Learning” organized by Lncet on 2 January 2021.

IQAC

IQAC is looking towards the re- accreditation of NAAC for cycle II. We could successfully submit the SSR on 1 Oct 2021.

NBA accreditation preparation will be done next.

Conclusion:

I thank our Managing Director, Board of Trustees, Members of and Academic Council, Faculty members, Staff and Students for their cooperation, help and Support for the development of LNCT.

**Dr. S. V. Sadhwani**  
**Principal**