

# **IEEE STUDENT BRANCH**

GEO Code: STB09821

## **The LNM Institute of Information Technology, Jaipur**

School Code: 60047601

### **Annual Report for the Session 2014-15**

---

Campus: Gram:- Rupa ki Nangal, Post Sumel Via Jamdoli, Jaipur-302031(Raj.)  
India

Tel: +91 141 268 9011/12/13/14, Fax : +91-141-518 9214, 2689014

Website: <http://www.ieee.lnmiit.ac.in>

## CONTENTS

<b>S.No</b>	<b>Topic</b>	<b>Page No.</b>
I	Preface	3
II	Acknowledgement	4
1	Student Branch Report	5
2	Let's Talk I	7
3	Let's Talk II	8
4	Let's Talk III	9
5	Let's Talk IV	10
6	Session on backend development	11
7	Industrial tour	12
8	Debate Competition	13
9	Machine learning and Deep learning	14
10	New Members joined.	
11	Concluding Remarks and Future Activities	17

# PREFACE

This report describes the formation of IEEE Student Branch at the LNMIIT and the activities organized during the whole year. The report is divided into seven Chapters. The first chapter summarizes the branch formation and activities held throughout the year. Chapters 2 – 7 provide detail reports of all the events organized by the IEEE student Branch, LNMIIT.

## ACKNOWLEDGEMENT

The IEEE student Branch acknowledges the constant support of our esteemed Director Prof. S. S. Gokhale, Dr. Soumitra Debnath, Branch Counselor IEEE Student Branch, Mr. Purnendu Karmakar, counselor and all the faculty members of LNMIIT in organizing various events and establishing the Branch.

The branch acknowledges the efforts of our esteemed speakers who were instrumental in organizing workshops. We are also grateful to members of other Student Branch and students of the college for participating in activities actively.

And last but not the least, branch thanks the support of student Volunteers and the members of the committees for their sheer hard work and dedication.

# IEEE STUDENT BRANCH, LNMIIT

IEEE Student Chapter LNM IIT, Jaipur is subsidiary branch under region 10 (Asia Pacific) of IEEE and was established in December, 2011 and with this, it started a new phase of technology and remarkable developments among the students of LNMIIT. This branch was formed with the vision to promote innovative and technical ideas amongst all students and, to enrich the student knowledge much beyond the standard curriculum of the college and provide them with an opportunity to match their paces with the recent advances in the technology.

## Executive Committee

The IEEE Student members nominated themselves for the post in Executive Committee of the IEEE Student Branch. An Interview Panel comprising of Dr. Soumitra Debnath, Mr Purnendu Karmakar, Mr. Kapil Jainwal, and Mrs. Kusumlata selected the members of the committee as follows:

### IEEE Student Branch

Officer Post	Name	Membership No.
Chairperson	Kumar Shubham	
Vice Chair	Vishwajeet Narwal	
	Chakshu Gupta	
Secretary	Diksha Bhateja	
Treasurer	Vikas Aggarwal	

---

Campus: Gram:- Rupa ki Nangal, Post Sumel Via Jamdoli, Jaipur-302031(Raj.)  
India

Tel: +91 141 268 9011/12/13/14, Fax : +91-141-518 9214, 2689014

Website: <http://www.ieee.lnmiit.ac.in>

### **WIE Affinity Group**

Chairperson	Apurva Singh
Vice Chair	Sanchita Gupta
Secretary	Prakshi Yadav

And following committee members were constituted by the newly elected executive committee with the consent of the branch counsellor, Dr. Soumitra Debnath.

## LET'S TALK: Session I

**“Together we will reveal the secret behind everything”**

A small meet up of tech enthusiasts and curious minds to discuss about various technical inventions which are currently influencing us and will be shaping your future was organized. The first session took place on 15<sup>th</sup> October 2015. A segment of event was dedicated to scientists, thinkers who have brought changes in the society. The whole discussion took place for 50 minutes with 3 segments of 15-20 minutes each. First segment was on GPS moderated by Mr. Agam Jain. Another segment was moderated by Mr. Kumar Shubham on Augmented reality. Third session focused upon Ted Talk on Nicola Tesla.

## LET'S TALK: Session II

**“Together we will reveal the secret behind everything”**

After successful edition 1, we again call the curious minds to come and discuss. This session took place on the 10<sup>th</sup> Nov 2015. First segment on current technology was on “Mobile Processors” moderated by Mr. Agam Jain. In the other segment of future technology “Artificial Intelligence and Machine learning” was discussed by Mr. Kumar Shubham. “Alan Turing” was scientist whose work we discussed in the last and final segment; this segment was again moderated by Kumar via video clip followed by a 5 minutes discussion.



---

Campus: Gram:- Rupa ki Nangal, Post Sumel Via Jamdoli, Jaipur-302031(Raj.)  
India

Tel: +91 141 268 9011/12/13/14, Fax : +91-141-518 9214, 2689014

Website: <http://www.ieee.Inmiit.ac.in>



## LET'S TALK: Session III

**“Together we will reveal the secret behind everything”**

Taking further our journey of knowing what can shape our future and how can we be the part of the change, the inquisitive minds of young students discussed upon “Everyday technology”, “Gadgets which will shape our future”, “Minds behind such gadgets” and “Headlines of Current Innovation”. The event held on January 8th, 2016 witnessed a great participation and it concluded with young minds left inspired. Working of Siri and Self Driving car, Natural Language Processing and Computer Vision, sexiest job of 21st century were the main topics of the discussion. Words of IEEE Student Branch, LNMIIT chairperson Kumar Shubham were taken as enlightenment. The audience was enthralled by the progressing technology and expressed their desire to work in such fields.

## LET'S TALK: Session IV

**“Together we will reveal the secret behind everything”**

Another successful session held on Feb 6, 2016 included topics like NELL(Never Ending Language Learning), Web Intelligence, Data Science. Audience was taken aback when Kumar Shubham and Vishwajeet Narwal brought to their knowledge that there is a machine which attempts to read and improve its reading competence. Another worthy IEEE Student branch member, Yash Aggarwal talked upon how web is getting above HTML and CSS and moving towards Web Intelligence. Eminent guest speaker, Rohit Hinduja made the audience aware about new emerging field of Data Science and how one can build a career in the same. Another session worth attending.

## Session on Backend Development

IEEE-WIE organized a session on Backend Development using PHP and MySQL. The session started by learning from the scratch. Apurva Singh, the session coordinator, explained the basics of developing static content on a website. After installation XAMPP by the students, the core working paced. Syntax details and content placing were detailed. Expected errors students faced were also well explained and warned about.



## Industrial Tour

IEEE Student Branch organized an Industrial tour on 26 August to Aha 3D India's largest professional 3D printer manufacturer, situated in Jaipur. Participants explored how 3-D printers work , how they are created and what's the technology behind them! Participants also asked the committee to organize further industrial tours to get more practical knowledge.



---

Campus: Gram:- Rupa ki Nangal, Post Sumel Via Jamdoli, Jaipur-302031(Raj.)  
India

Tel: +91 141 268 9011/12/13/14, Fax : +91-141-518 9214, 2689014

Website: <http://www.ieee.lnmiit.ac.in>

## Debate Competition

The WIE Chapter of IEEE Student Branch organized a Debate Competition on 9th October, 2015 (Friday). Mrs. Beena Gokhale was invited to judge the event. The topic of the Debate was "Is Westernization a Precondition to Modernization?". The event was a huge success with 17 Students participating in the debate. The debaters put up many mind boggling points. The winners were awarded with cash prizes (Rs.500 for First Prize, Rs.350 Runner-Up and Rs.150 Best Audience Question).





# MACHINE LEARNING AND DEEP LEARNING

A new dimension added to Let's Talk was the very first lecture series, exclusively hosted by the IEEE Student Branch, LNMIIT, on introduction to Python - a core demand of the generation, by Vice Chair Vishwajeet Narwal. The event witnessed huge curious audience from fresher and sophomores. This series was organized to introduce to newer aspirants, the learning procedure towards Machine Learning and Deep Learning. The section started covering the basics progressing towards touching every crucial corner of the topic.

The event was inaugurated by Kumar Shubham, The Chair, where he introduced about various aspects of different APIs. He also mentioned and elaborated 'E-Speak' that can convert text to speech. The session progressed with curious minds clearing their queries.

It was well interactive and attracted a lot of participation. IEEE is planning to take Let's Talk to more professional level by announcing rewards to

those who show a spurt in their learning graph. This was introduced to maintain the spirit and zeal of the upcoming sessions and to help improve the IEEE student membership growth and taking care not only of quantity but of quality too.



# CONCLUDING REMARKS AND FUTURE ACTIVITIES

The IEEE Student Branch was active throughout the year organizing various workshops, talks, summit, etc. reaching out to college students within as well as outside campus. These were successfully organized with the help of committee members as well as volunteers.

As we are reaching the end of the session and the IEEE Student Branch looks forward new members for the session 2015-16. The branch would soon start the selection procedure for the establishment of new executive committee 2015-16.