Tiresia

—Colors of Malaviya

THE INSPIRING LUMINARY

MAHAMANA PT. MADAN MOHAN MALAVIYA

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Inside This Issue

Message from The Editorial Board

"Each age has deemed the new-born year
The fittest time for festal cheer!"

The odd semester examinations have ended and the month greets the wrath of the winter with chilly winds and hazy landscapes. Undeterred by such ruthless vicissitudes of nature are the lamp lit corridors of Malaviya that echo with the alacritous cheers of its students as they concoct to revel in this festive season and bid farewell to 2014 on a vibrant note. Through this issue of **Tiresia**, **The Editorial Board** celebrates the recent success of Arunoday 2014 and catches the gusto of the institution that prepares to welcome 2015 with replenished vigour.

FROM VICE CHANCELLOR'S DESK

I am pleased to note that the fourth issue of University's monthly newsletter titled **Tiresia** is being released in December 2014 by the Student Activity Centre of the University. This issue of the newsletter shall include the updates and information regarding the initiatives taken for positive change in the transformation of erstwhile M.M.M. Engineering College into M.M.M. University of Technology as the first residential technological University of Uttar Pradesh. Since the University is reconstitution of M.M.M. Engineering College so it has inherited a legacy of Malaviyans since 1962.

I understand that this emergence of the University would have not been possible without the goodwill, remarkable professional service to the society, accomplishments, support and brand created by the past students, teachers and staff members apart from various other reasons.

I am confident that such monthly newsletters will act as a reporter for the tale of University activities and achievements on academic fronts and other endeavors in providing quality technical education & enhancing the employability and placement activities of the students, accomplishments of the teachers and staff members on monthly basis. Such newsletters should not only be informative in nature but also be persuasive in focusing on displaying the multifarious activities of curricular and extra-curricular nature, the awards and achievements of the students, teachers and staff, the training services and the career being offered to the students and the alumni interaction.

I extend my best wishes to all the members of **The Editorial Board** and believe that this newsletter shall act as potential communication link amongst all stakeholders inside and outside the University for dissemination of information about good practices and seeking feedback for improving the academic environment of the University for achieving the excellence in technical education.

Prof. Onkar Singh

FROM CHIEF EDITOR'S PEN

I feel extremely delighted to share with the readers release of the fourth issue of monthly news letter in December 2014, at our university portal in the shade of a young, experienced, dynamic, visionary and scholarly vice-chancellor Prof. Onkar Singh. Of course, we have been bringing out the same under the aegis of erstwhile M.M.M. Engineering College, Gorakhpur dating back to April 2010,yet the specialty of the present issue is that it, besides providing the readers with the details of information and activities of in and around the university, speaks a volume about the destiny of the university. The student members of **The Editorial Board** deserve appreciation in carrying on "the old order change the yielding place to new" with doubly increased energy and enthusiasm.

Dr. Arjun Dubey

Tête-à-tête

with
Mr. Sanjeev Gupta

Mr. Sanjeev Gupta is a noteworthy person, presently working as Scientist 'F' in the Defence Electronics Applications Laboratory (DEAL), Defence Research & Development Organisation (DRDO), Dehradun. A pass out from Electronics and Communication Engineering batch 1989, he is an alumnus of Madan Mohan Malaviya University of Technology. Having completed his graduation, he qualified GATE and went into IIT, Roorkee for further studies. The Editorial Board had the privilege to interview him. Here is an excerpt from what he had to say:

Q1: How would you describe your life post Malaviya?

Initially when I stepped out of Malaviya, there was a lot of struggle. But being a Malaviyan itself gave me a lot of strength. There was a huge amount of hard work which I had to put into, so as to make a stand for myself. Presently, I am working with several IITians and it makes me really proud that I am no less than them, and prove to be a true Malaviyan.

Q2: How do you think will the university status benefit our college and what are the challenges to it?

As the college is transformed into a university, I m quite sure that its brand value will increase. There might be a slight deterioration due to the university status initially but in the long run it will surely be helpful provided there is cooperation from the alumni and students as well.

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Q3: From your humble origins you have reached to such an esteemed position. What would you say is the secret of your success?

There is no such hidden secret. Just stay in regular touch with the recent technology and also your own field of interest. All you need to do is no lagging behind. There are no secrets to success. It is the result of preparation, hard work, and learning from failure.

Try and stay ahead of time.

Q4: How would you describe your college life and what difference do you observe in college in your time and the present time?

Coming here again is like living college life all over again. No matter how long it has been, college always reminds you of your youth and the time you spent here. Even if it's a University now, everything remains the same. It is the best time of your life and it will never come back again so live it to the fullest.

Q5: What message would you like to convey to the inquisitive students of Malaviya?

For my dear students of Malaviya, I would suggest that they should give their 100 percent in whatever they do. One thing which very necessary is time management. There are a lot of expectations from them, students must not take any sort of pressure and do their best.

"There are no secrets to success. It is the result of preparation, hard work, and learning from failure."

Campus Buzz

- "techSRIJAN", the annual techno-management festival of the university was conducted from October 31 to November 2, 2014. It was organized by the members of SAE India Collegiate Club and IEEE Student Branch. The tech fest comprised of around 30 events and various workshops.

- **The Alumni Convention, 2014** was held on November 1 to 2, 2014, including a cultural evening. The university heartily welcomed and felicitated the alumni batch of 1989.

- A literary event **"Arunoday"** was conducted exclusively for the first year students on **November 8, 2014** by the members of **The Editorial Board**. The event tested the various skills of the participants in an entertaining way and gave them the chance to exhibit their caliber and be the rising sun of the University.

- The **End Semester Examinations** of the University were held from November 17 to 30, 2014**.**

- The University celebrated its **1st Foundation Day** on December 1, 2014. The Speaker of Legislative Assembly of Uttar Pradesh, **Shri Mata Prasad Pandey**, was invited as the honorable Chief Guest on this occasion.

- **Idea Cellular** conducted its online test and then Interview at IET Lucknow on December 5, 2014, in which 4 students from the University got recruited.

- **Mahindra Comviva** shortlisted students from EC, CS and MCA branches through a written test conducted on December 15, 2014.

- **Indian Army** selected 20 pre-final year students under its **University Entrance Scheme** for SSB interview. The test was conducted on December 13, 2014.
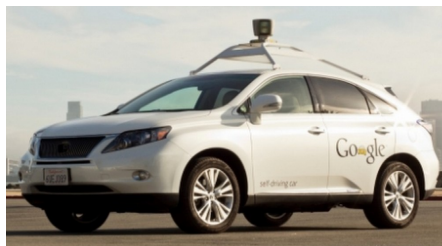
SURVEY 2014

On the demand of our Honourable Vice Chancellor, **The Editorial Board** conducted a survey on November 29, 2014 regarding the transformation of Madan Mohan Malaviya Engineering College to Madan Mohan Malaviya University of Technology. A questionnaire of eleven questions was formed which asked students about the various aspects, changes and schemes which took place in the university recently. Based on the responses from a total number of 372 students, the following chart shows the survey result in percentage.

QUESTIONS	GOOD (%)	SATISFACTORY (%)	NOT SATIS-FACTORY (%)
1. The new mode of admission to the university is	17.4	30.3	52.3
2. What is your take on the new evaluation scheme?	32	52.3	15.7
3. The condition of library is	32.6	46.2	21.2
4. The activities of training and placement cell are	14.5	36.7	48.8
5. The number of smart classes being conducted are	15	34.1	50.9
6. Condition of hostel is	9.1	29.6	61.3
7. The security of the university is	26	51.8	22.2
8. The restructuring of SAC to CSA (i.e. bringing of Innovation Cell, Literary Sub Council etc. under one shade) is	21.7	56.4	21.9
9. The importance to sports and cultural activities being given is	23.9	36.3	39.8
10. The implementation of proposed plans and schemes is	22.3	51	26.7
	BENEFICIAL	NON BENEFICIAL	
11. Introduction of new streams to the university will be	67	33	

Google Self-Driving Cars

STUDENT MEMBERS

FINAL YEAR

Abhay Maurya
Asad Khalid
Garima Singh
Harshita Srivastava
Nitin Mishra
Priya Singh
Rajshree Mishra
Resham Tyagi
Shikhar Srivastava
Shivam Sinha
Tushar Srivastava
Utkarsh Tripathi

The Google self-driving cars is a project by Google that involves developing technology for autonomous cars, mainly electric cars. The software powering Google's driverless car is called **Google Chauffeur**. The project is currently led by Google engineer Sebastian Thrun, co-inventor of Google street view. Thrun's team developing the system consists of 15 engineers working for Google. On December 22, 2014, Google unveiled a fully functioning prototype of their driverless car.

Google's robotic cars have about $150,000 in equipment including a $70,000 LiDAR system. The range finder mounted on the top is a Velodyne 64-beam laser. This laser allows the vehicle to generate a detailed 3D map of its environment. The car then takes these generated maps and combines them with high-resolution maps of the world, producing different types of data models that allow it to drive itself.

There are, of course, certain limitations of the LiDAR system. The vehicles are unable to recognize temporary traffic signals. They have not proven themselves in snow or rain. They are also unable to navigate through parking lots. Vehicles are unable to differentiate between pedestrian and policeman or between crumpled up paper and a rock. Google projects having these issues fixed by 2020.

In 2012 Google founder Sergey Brin stated that Google Self-Driving car will be available for the general public in 2017. In 2014 this schedule has been confirmed by project director Chris Urmson indicating a possible release from 2017 to 2020.

ŧechSRIJAN 2014

ŧechSRIJAN, the annual college fest of MMMUT, was organized from October 31 to November 2 with a purpose of integrating endeavour with intellectual brains. Started in 1999, it is the **second oldest techno-management fest of India**. It blends a series of fine-arts, socio-cultural, technological, scientific and literary events along with a variety of workshops and informal events.

The inauguration ceremony was held in the Multipurpose Hall located within the campus of the University. The Chief Guest on this occasion was the honourable Technical Education Minister of Uttar Pradesh, **Shri Sivakanth Ojha**.

The major attraction of the first day was the Fest-Night. It witnessed a fabulous and rocking band performance by the Parmaarth Band which was followed by a thrilling DJ night.

The most renowned event of the fest was 'Robokriti'. It aimed at giving a base to bring forward new ideas and innovative technologies in order to build a perfect machine. Here the students learnt to make their own robots and compete with other robots. It was organized in three categories namely- Wired, Wireless and Autonomous Robotics.

A two-day workshop on 'Ethical Hacking', conducted for the first year students, witnessed an active participation. Another famous event of the fest was 'Ab-initio', in which the contestants were required to build a 'Rube Goldberg Machine' which could convert a simple task into a complicated one by introducing various intermediary steps. Apart from these, various fascinating events like 'Lan Gaming', 'Abhigyan', 'Techshilp', 'Ventura' and 'Labyrinth' mesmerized everyone. 'World Parliament', a new event added this year, involved giving the participants the freedom to act as a diplomat of a country and present their ideas and views on a particular issue.

STUDENT MEMBERS

THIRD YEAR

Adarsh Chaudhary
Aishwarya Chauhan
Asmita Pal
Divi Khare
Mudit Saxena
Pragya Pandey
Rajesh Kumar Ojha
Ritika Gera
Saurabh Dubey
Shweta Srivastava
Sonali Mishra
Vijaya Laxmi Acharya
Vishal Sharma

"All work and no play makes jack a dull boy"
Keeping this in mind, 'inCOGNITO' the informals were organized along with the other events. The participants were allowed to take part in some fun events and break free from the tech stuff. The event comprised of a plethora of daring tasks and an exciting gaming zone.

The second day went on with the commencement of other mega events such as 'Bridgekriti', 'Pseudo Research', 'Techneeti' and 'Bizgyaan'. The 'Alumni Convention', held during the evening embraced numerous cultural programs. The meeting with the college alumni created a wave of hope for the brighter future in the young developing minds.

The final day spot various new events like 'Softrachna', 'Codzilla' and 'Hardrachna'. The final rounds of other events also took place. The fest concluded with a prize distribution ceremony in the night.

Apart from these day to day events, one cannot forget the series of online events- 'Pixels' and 'Enigma', which provided students with the opportunity to be crowned as the best photographer and detective respectively.

The fest wasn't just a panorama of technical events but it also endeavored in bringing together eminent technocrats with gamut experiences, seminars, uniquely tailored workshops all in an attempt to leave you "engineerified". Also the Pandora's Box of informal events and fest nights infected us with its contagious fun. All in all, techSRIJAN went on as an effectively organized, utterly amusing and thoroughly informative festival of the University.

STUDENT MEMBERS

SECOND YEAR

Abhishek Singh
Abhishek Yadav
Ankita Jaiswal
Antra Saxena
Deeksha Sharma
Dhawal N. Asthana
Lisha
Prerna Arya
Ravikant
Ritvik Verma
Shubham Chand
Siddharth Sagar
Srijan
Vishal Tiwari