

## MANAV RACHNA UNIVERSITY

### Orientation Program for First Year Students from 9th July 2018 to 27th July 2018

The orientation program is highly informational and exciting for the students. Day to day activities have charged the students and they are all set to adapt to the new learning environment. The orientation programme for batch 2K18 was organised from 9th July,18 to 27th July,18. The Students acquired new computer skills (MS Power Point, Google Docs, MS Excel, Email), went through the modules of English Language, Maths Session, Electronics Workshop, Mechanical Workshop .

The orientation was begun by the tour of the campus including the working arena and the facilities like gymnasium, pharmacy, physiotherapy, library etc. Another day started with Alumni Talk in A-Block Audi, followed by Industrial Talk A-block Audi along with students acquired new computer skills (MS Word, MS Google Sheet, PC Hardware), went through the modules of English Language, Maths Session, Electronics Workshop, Mechanical Workshop. The Session Ended with Concluding Ceremony by VC Sir Talk : There were 3 Alumni Lectures and they discussed their Journey from Manav Rachna to professional life. Many other alumni shared their experiences.



Students Activities During Orientation Program



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**Computer Skills: (MS PPT, Google Docs, MS Excel and Email):**

Students were exposed to the various features of Google Sheet, which enable them to make effective use of online services. The students got a deeper insight into the components of PC Hardware by having hands-on exercise of system assembly. In MS WORD students were given the information about the introduction of MS Word which includes – various features and were exposed to various keyboard shortcuts and key combinations. Aside from actually typing the document, the students were given a number of tasks to perform usage of Word. These tasks include: Creating new documents, opening existing documents, Saving documents, Working with text within documents, Formatting documents, Inserting non-text items, Proofing documents, Printing documents.



**Session on Computer Skills: (Microsoft Office) during Orientation Program**

In MS PowerPoint, students were taught to Create Presentations, Slide Layouts, Templates, Wizards, Views, Time Rehearse, Slide Transition, Custom Animation, Header Footer, Linking and Embedding, Working with a Master Slide, Clipart. In Google Docs, enable them to make effective use of online services – Spreadsheets, Docs. In MS Excel, they taught about basic excel concepts, formulas and practice handouts were given. Students learned to create email accounts, groups, labelling and the concept of mail merge.

**English Language :**

The students have actively and enthusiastically participated in English activities. They learnt a lot from this. It boosted up their confidence and reduced stage fear. At the end of the activity they shared very positive feedback about it. They enjoyed it a lot as well.



*Pradeep*



Dr. Akhilesh Dwivedi interacting with the Students During Orientation Program

**In Mechanical Lab:**

In manufacturing of aeroplane models, nylon materials is used. Manufacturing of these parts gives students practical exposure to conventional machining in the machine shop. Students have done hands-on practice involving facing, turning, chamfering, drilling, grooving, filing, marking etc, use of different measuring instruments during the session.



Student interaction in Mechanical Engineering Labs



*Pandey*



Students Interaction with Lab Instructor During Orientation Program

#### **Electronics Workshop :**

Students were made to analyse the function of basic electronic components like resistor, capacitor, LED, breadboard, power supply etc. Basic concepts of Arduino and IoT were also taught to the new entrants in which they all showed keen interest. Students were made to analyse the function of basic electronic components like resistor, capacitor, LED, breadboard, power supply etc. Basic concepts of Arduino and IoT was also taught to the new

#### **Mathematics :**

Department of Mathematics, giving them hands-on training on different topics of Mathematics beneficial for their upcoming course which is beneficial for both engineering and non-engineering students.



Students Solving Mathematical Problems during Orientation Program



*Parudeep*

Manav Rachna University organised an Industrial Visit to **Infosys Ltd., Chandigarh Development Centre**, for the First Year MRU B.Tech. CSE and Specialized Programs (Data Science & Machine Learning, Digital Transformation Engineering) & ECM students on 27th July 2018 with an aim to sensitise the students about the practical challenges that organisations face.



CST Faculty & First Year Students during Infosys Visit

Mr. Abhishek, Team member of ETA Dept. of Infosys, addressed the students on the topic "Current industry trends and demand". Mr. Abhishek discussed various Infosys collaborations and technologies being utilised in ETA dept. Students interacted in session by raising queries regarding internship and recruitment activities organised in Infosys.



Session Delivered by Mr. Abhishek, Team member of ETA Dept. of Infosys



*Paunde*



Students along with Faculties at Infosys Campus during Orientation Program

**Industrial Talk :**

Mr Brijesh Kohli , Director Xebia Academy , Gurugram.

He discussed the time to think about what you want to do in life, and be cautious toward life. He also suggested students give more emphasis on basics and fundamentals. Students were advised to spend time in open source areas. Xebia makes you realise how to improvise softwares. He encouraged the students to create a Github account .

Another event was organised by the Manav Rachna Research Innovation and Incubation Centre (MRRIC) for the B Tech 1st Year students of Manav Rachna University as part of their Orientation Programme. The event started with a video prepared by students of the Entrepreneurship Cell covering recent startups set up under the aegis of MRRIC. Startups were as varied as a lemon drink with no preservatives required, on one end, to a mobile air purifier for mounting on vehicles with a claim of cycling the entire air of Delhi in 8 days if mounted on all the buses and autos plying there.

Dr. Pradeep Varshney, Director, MRRIC then introduced the concepts of research being an idea, innovation being a prototype and incubation being product development under a startup. He also presented an overview of the facilities available at the Manav Rachna campus in the form of laboratories and the activities being organised under the MRRIC.



*Pradeep*

Dr. Poulomi Ganguly, Director, Accendere Knowledge Management Pvt. Ltd., a partner of Manav Rachna guiding students to grow as researchers and do their own research work, followed with a motivating speech on how students can go towards new startups under the mentorship of Accendere mentors and publish research papers.

Dr. Sukrit Silas, an internationally acclaimed scientist and scholar, and Co-founder, Chief Scientific Officer of BillionToOne Incorporated, discussed how their organisation is partnering with the Biotechnology Cluster of MRRIC to identify the thalassemia using the genes of an unborn child.

Dr. Monika Goel, Head, Manav Rachna Business Incubator(MRBI), discussed the necessity of energy and passion in an innovator's heart to be able to go to the step of creating a new innovation and follow up with setting up a business to market it as a product. Dr. Bindu Agarwal, Head, Entrepreneurship Cell, MRRIC, then brought forward some young entrepreneurs and innovators of Manav Rachna Vidyantariksha, including Anshu from Nature's Drop.



Students attending the Session of Entrepreneurship Cell

Mr. Karan Narula concluded the event with an interaction with students to sensitise them on peer pressure and how to not fall prey to it. He motivated them to go in the right direction while they were studying at MRU and not just follow their peers in the wrong direction.

On the Last day of the Orientation Program Honourable VC Sir Dr. I.K. Bhatt had addressed the first year students in A Block Auditorium. VC Sir started his speech by Welcoming the new students and shower his blessing on the students.



*Laudip*



Concluding Ceremony held at A block Auditorium by Honourable VC Dr. I.K.Bhat MRU



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## MANAV RACHNA UNIVERSITY

### Report on Orientation for Higher Semester Students

Date: 20/07/2018

Orientation program for higher semesters is being organised by individual departments to familiarise the students with academic policies. It was organised for the third, fifth, seventh and ninth semester students at the University before the commencement of the session. The programme began with the welcoming of students by the Heads of respective departments. Further, the HODs briefed them about program structures and explained all information related to the academic policies. The students were also explained the regulations related to attendance, feedback evaluation criteria, policy for promotion, course registration and academic calendar. In continuation, students are introduced to skill areas such as extra-curricular, co-curricular & entrepreneurship /incubation /innovation which is related to MRLSP. The students were told about the credit system, examination & leave rules, and medical certificates. Students asked their doubts which were well taken up by HOD's. The session was quite beneficial for all the students.



### 5a. Evaluation: Credit System

#### Overall Performance (CGPA & SGPA)

- **Semester Grade Point Average (SGPA) :**  
$$SGPA = \frac{\sum_i (C_i \times GP_i)}{\sum_i C_i}$$
  - Where  $C_i$  = credit for the course,  $GP_i$  = the grade point obtained for the course and
  - $\sum_i C_i$  = the sum of credits of all courses registered in that semester, except audit courses.
- **Cumulative Grade Point Average (CGPA):**  
Similar formula where the sum  $\sum_i C_i$  is the sum of credits of all courses registered, excluding audit course, up to the point in time.

Credit System to be followed during the session

*Pranjwal*





## 5b. Evaluation: Examination System



- **What happens if Student fails:**
- Appear for supplementary Exam. But ???
  - Maximum score awarded is 55%
  - Prerequisite course condition may not be fulfilled
- **What happens if Student fall sick on the exam day:**
- In rare cases T1/T2/PT1/PT2 can be re-conducted.
- No re-conduct of T3/PT3 : Zero marks awarded
- Submission of request for re-conduct to be submitted to mentor within a week of missing of exam. Case has to be approved by special committee – so submit all relevant document

Evaluation system that will be applicable

### Promotion Policy

- Student shall be allowed only for **2 supplementary chances to convert the F (Fail) Grade into a P (Pass) Grade**. The two chances must be availed by the student **within 1 year of declaration of F Grade**- 1st chance immediately after the Main exam and the 2nd chance after a semester.
- For a **core course**, if the grade is not converted to a pass grade in 2 attempts, the student shall have to re- register for the course on priority whenever the course is offered by the department. Whereas for an **elective course**, student being unable to pass in 2 attempts, **may register for any other elective** of his/her choice as a replacement course.
- Student while registering for the 3<sup>rd</sup>, 5<sup>th</sup>, 7<sup>th</sup>, 9<sup>th</sup> semester courses must register for those courses of 1<sup>st</sup>, 3<sup>rd</sup>, 5<sup>th</sup>, 7<sup>th</sup> semester respectively that he/she was unable to clear even in the two chances provided by the university

*Principles*



### Promotion Policy applicable to the students for the Academic Year

The students were made aware about the various policies of the university regarding the evaluation system, the grading system and promotion policy and other policies related to study and evaluation.

Students were also briefed about their newly rolled out time tables and they were also told about the strict policies related to attendance. The mandatory attendance in each course is 75% to appear for the continuous assessments and end semester examinations.



Students Participating on session on Higher Education



Students Participating on session on Higher Education



*Pragya*