

1. Guidance for Competitive Examinations:

MGM CET regularly conducts Personality Development Programme which enhances the IQ level and communication skills of the participants. The college also invites Guest Speakers from the industry that provides regional and global employment opportunities for the students.

About the Competitive Examinations, the students are being continuously motivated and informed by faculty members. A good number of our students are appearing for examinations such as UGC-CSIR- NET, UGC-NET, SLET, ATE /CAT /GRE /TOFEL /GMAT /Central /State services, Defence, Civil Services, etc. The regular coaching classes are not conducted but there is a sufficient number of books available in our library, for example, 1. Barons TOEFL material, Cambridge preparation for the TOEFL test 2. R.S Agarwal books for quantitative aptitude. Some books are available for GATE preparation. Help is also provided by the Teachers , expert person from Industry , GATE club, to identify the programs and institutes where they can apply for the preparation of such examination.

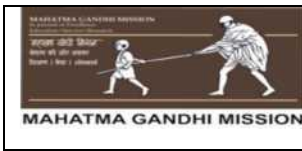
2. Career Counseling:

MGM CET has a career counseling and guidance cell. The teacher in charge is available round the clock to the students. The counseling cell makes adequate arrangement for the guidance of the students during the time of the admission. This counselling cell also motivates final year students and provides sufficient help to choose career options. The choice of the career and the doubts of the students listen very carefully and the solutions of the problems are provided. The motto of the cell is to provide the different types of career options after BE program (GATE, GRE, TOFEL, PSUs Central /State Services, Defence, Civil Services,...etc). Details of the cell members are given as follows. Workshops, SKEP lecture , HR lectures and others various seminars are being arranged for students grooming.

3. Soft Skill Development:

Soft skills are a cluster of productive personality traits that characterize one's relationships in a milieu. These skills can include social graces, communication abilities, language skills, personal habits, cognitive or emotional empathy, time management, teamwork and leadership traits, these are very important for the student to handle real-world issues. MGM CET is connected to **My Insta Link and Profound** and these organization is giving soft skills training to our students.





Soft Skill Training

4. Remedial Coaching:

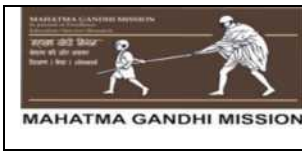
Through in semester assessment, lab session and interaction during the lecture, slow learners are identified. Performance enhancement for slow learners who are at risk of failure and dropouts, every sem. extra remedial lectures and lab sessions are conducted. These learners are asked to discuss the problems personally with the faculty during extra lectures. Subject's teachers ask such students to sit on the front benches. Not only this but also extra lectures are conducted for direct second year students so that they can cope up with the regular students. Remedial lectures are being conducted by expert internal faculty members.

5. Language Lab :

MGM CET has Language Laboratory since 2010. It is playing an important role in the developing relevant modules in the specialized areas such as English Language Teaching and Learning, Developing Proficiency in basic and Professional skills in English, Spoken English, English for Special Purposes and Technical writing and Research Documentation.

The Laboratory is now aiming at projecting itself as a Centre for Training and Developing Human Resource. It introduced two specialized courses in developing Proficiency in Basic English Skills and Professional Communication Skills for the college staff and students. For example, an assignment on 'Listening Comprehension' was developed, which was conducted in Language Lab. Students were supposed to listen to an audio and answer the questions based on that audio. Also, these students were taken to language lab to practice correct pronunciation of English words with the help of ETNL Software. It is a plan





to convert this lab into its own a Library-cum-Media Centre, an Audio-Visual Room and a Group Discussion room for conducting the specialized courses smoothly.

6. Bridge Courses:

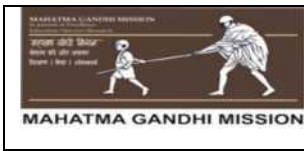
MGM CET is making constant efforts towards the growth and development of students as future technocrats, by providing ample opportunities for industry interactions to bridge the gap between academics and industry requirements. In persistence with this pursuit, MGM CET signed an agreement with Microsoft to set up the Microsoft IT Academy (MSITA) at its campus from November 2015. The courses under MSITA are designed by Microsoft and are delivered by Microsoft Trained Trainers through Microsoft Delivery Partner ATS InfoTech P. Ltd. The enrolled students will be exposed to the latest Microsoft Technologies that will enable them to be market ready thereby increasing their placement opportunities manifold.

The courses consisting of two levels of 50 hours each are focused on training the students on Microsoft leading technologies. Besides theory and lab sessions, each level comprises of project work based on Microsoft technologies. The course contents include C# language, Visual Studio, ADO.net, SQL Server, ASP.Net and other technologies. On completion of the level, the students are awarded participation certificates. The students can subsequently appear for Microsoft Global Certifications. The value addition beyond the curriculum promises to go a long way in promoting their careers in today's competitive job scenario. Not only this but also some others courses are being conducted who can reduce the gap between industry and syllabus such as "Gateway for Industry". Apart from this Institute has also organised a National Level Workshop on Internet of Things in collaboration with IIT Bombay and also a workshop on MATLAB. Quick learner projects and mini projects are being assigned to students for fulfilling the gap between academics and Industry.

7. Yoga and Meditation:

Yoga is an invaluable gift of India's ancient tradition. It embodies the unity of mind and body; thought and action; restraint and fulfillment; harmony between man and nature; a holistic approach to health and well-being. It is not about exercise but to discover the sense of oneness with you, the world, and nature. By changing our lifestyle and creating consciousness, it can help in well being. Let us work towards adopting an International Yoga Day. Therefore, MGM CET is associated with **Yoga Vidya Niketan, Vashi** and does practice





and celebrating the Yoga under the supervision of this organization. We have Yoga club which conducts Yoga session on each Wednesday during institutional slot.

8. Personal Counseling:

The students during the course of their studies in the college come across various issues. They are, at times, too immature to handle the problems. The college provides them personal counseling. They can share their problems with the teachers. The teacher concerned is very supportive in guiding them to solve their problems. The candidates at times come face to face with certain social issues or problems which tend to bring the inferiority complex in them. The teachers make it sure that no such deterioration happens with the psychosocial understanding of the students. They are counseled to become better human beings and advised to stand tall for the social cause. For this, there is a Mentor-Mentee scheme where 20 students are assigned to each faculty member. After that if any students need special psychological counseling or any type of social counseling is also can be attended, the facility is available in the Institute,





MGM's College of Engineering and Technology Kamothe,
Navi Mumbai - 410 209

Department of Electronics and telecommunication Engineering

SKEP WEEK 1
REPORT

DATED- 27/07/2018

Time: 4:00 PM

Address: MGM's College of Engineering and Technology Kamothe, Navi Mumbai.

ABOUT SKEP: - Skill and Knowledge Enhancement Program

Skill and Knowledge Enhancement Program (SKEP). SKEP organizes talks, tutorials and distinguished lectures with an intention to reach out to students, faculties and industry professionals. SKEP programmes are an exercise in life-long learning and are offered for the continuing education and skill up gradation of professionals. In addition, this program seeks to motivate and inspire the young student community and endow them with a rare insight into what the industry has to offer and its expectations, thus helping them ease their entry into corporate life. Main goals of SKEP include professional skills development, imparting technical expertise to develop viable applications, disseminating useful knowledge from current fields of interest to the beneficiaries and inculcating technical and logical thinking among the student community. SKEP programmes are conducted by invited experts on the state-of-the-art topics from among the research, academic and industrial areas. The intended audience is students, faculty, IEEE members and other interested persons from research, industry and academic institutions.

As part of activity of SKEP, the department of EXTC Engineering organized a guest lecture inviting **Dr. Sanjay S Pawar Principal UMIT, SNTD** on 27th July 2018 at Sir Visvesarya Seminar hall. Students of second year, Third Year, Final Year EXTC attended the lecture. In his address, **Dr. Sanjay S. Pawar** discussed on the topic "CHALLENGES & ISSUES IN 5G".

ABOUT The Department :- Electronics and telecommunication Engineering

Vision - To produce world class Technocrats, Scientists & Entrepreneurs with new ideas & innovations to meet cost effective industry expectations for all sections of society.

Mission -

1. To develop & deliver quality academic programs in emerging & innovative field of Engineering to empower the students to meet Industry Standards.
2. To motivate students to develop innovative solutions for betterment of society.
3. To Create Centre of Excellence by establishing the Incubation Centers to meet global research challenges.



We Started with Introductory Speech by our Respected HOD EXTC Dr. Indra Vijay Singh & then inviting our Guest Dr. Sanjay S. Pawar for the talk.



Fig 1 - Head of the department giving introductory speech.



Fig 2 – Glimpse of 5G Communications

In his lecture Dr. Sanjay S. Pawar discussed the Following :-

1. Comparison between 3g & 4g and the advancement of upcoming 5g technology.

- Speed.
- Frequency
- Bandwidth



Fig 3 & 4 – Dr. Sanjay S. Pawar addressing the Students

2. Problem occurring in network capacity.

3. Crucial Challenges.

- Smart Spectrum Use.
- High Energy consumption.

4. Holographic Projections
5. 5G Architecture Diagram.

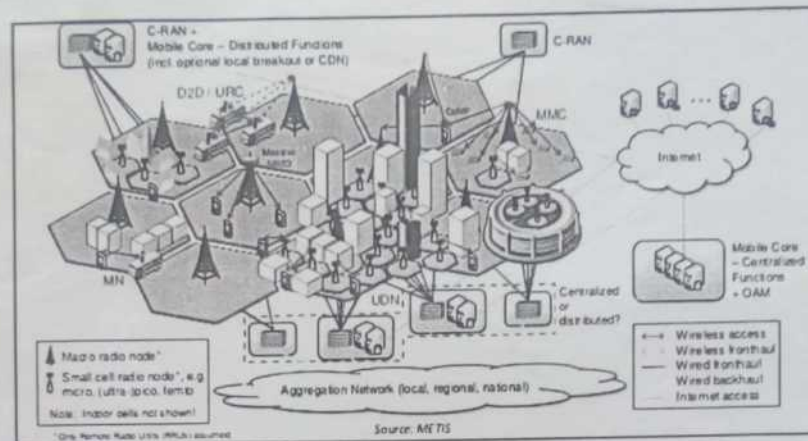


Fig 5 - Architecture of 5G.

6. Future of 5G. (Streaming of TOKYO Olympics 2020 from 5G)

At the end of the lecture, few students asked questions regarding the topic and were very satisfied with the answer from Dr. Pawar. He concluded his talk by insisting the students and faculty to plan for more of vertical Research, Projects Based on developing challenge free 5G rather than going for horizontal research on it.

We thank The Management, The Principal, The HOD, Guest speaker, Participants and supporting faculty's for their support.

Attendance - 56 Students , 10 Faculty members.

MGM CET NAVI MUMBAI

STB-37121

Mukesh Verma

Mukesh Verma

(BRANCH CHAIRPERSON)

Neda Khan

Neda Khan

(BRANCH COUNSELOR)

Dr Indra Vijay Singh

Dr Indra Vijay Singh

(Head of Department)

Ojas Balsotra

Ojas Balsotra

(BRANCH VICE-CHAIRPERSON)



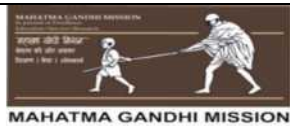
MGM's College of Engineering and Technology
Kamothe, Navi Mumbai

SREP-1 26/7/18 S.E 'B'
EXTC

	NAME	SIGN
1	Hanushada .U. Waghmare	
2	Madhur Yadav	
3	Sayli Lunjarrao	
4	Manali Vaghmare	
5	Tanvi Vanjari	
6	Megha G. Trimbakhe	
7	Ruchi Thakur	
8	Shilpa Shinde	
9	Amey Thakur	
10	SAURAV YADAV	
11	Pravin Yadav	
12	Akash Sidam	
13	Atul Singh	
14	Yash Verma	

FOR INTERNAL USE





EXTC TE - A.
QRP-1

1	PATIL ROHAN B.	Abhilash
2	Madhavi Shubham M	Its
3	Mahadik Akhil A.	Akhil
4	rayse Pritesh K	Pri
5.	THAKUR RAHUL B	Rahul
6	AKSHAY VEER	Akshay
7	Sandip Pawane	Sandip
8	Sumit Mandal	Sumit
9.	Prabhu .E	Prabhu
10.	mayur Kasurde	Mayur

