



JAIDEV EDUCATION SOCIETY'S
J D COLLEGE OF ENGINEERING & MANAGEMENT, NAGPUR
(An Autonomous Institute, affiliated to Technological University)
DEPARTMENT OF B.TECH. FIRST YEAR
Semester-II(2019-20)

Date:14.03.2020

REPORT ON VISIT TO "REGIONAL METEOROLOGICAL CENTRE NAGPUR"

JD College of Engineering and Management, Nagpur is an autonomous Institute affiliated to DBATU, Lonere, started its own OBE based curriculum from this session 2019-20. To offer the learning platform, the students of B.Tech first year along with faculties decided to make visit at **RMC**(Regional Meteorological Centre) Nagpur. The visit has been organized to fulfil the interest of the students to learn and understand the concept behind measurement and detection of atmospheric terminologies and measuring equipment available at the **Meteorological Centre, Nagpur**.

After the prior permission of Respected Principal, **Dr.S.R.Chaudhari**, JDCOEM, and under the leadership of Dr. Amit N. Gupta, Head, DOFY of JDCOEM, application has been forwarded to Mr. M.T.S. Sivanand, Meteorologist-A on date 27.02.2020 via mail cst.ngp@gmail.com. by **Mr.U.V.Rathod**, faculty in Physics.

Confirmation mail has been received on 28.02.2020 with permission of visit of 210 students and 10 faculties on date 05.03.2020(Thursday) at 12:00PM. Mr.U.V.Rathod, Mr.Sagar Kathalkar, Ms. Sana Anjum, Ms. Leena Bhojar, Dr. Nishigandha Gawande, Dr.Kailash Talkit, Mr.Rohit Patne, Mr. Girish Garghate, Ms. Dhanshree Authankar, and Mr. Vinay Khorgade faculties and Mr. Raman Kolhe and Sweta Neware, non-teaching staff along with **225** students visited to "**Regional Meteorological Centre, Nagpur**" dated on 5th of March, 2020 .

As per the policy of Santha, Rs.50 per head has been collected and total amount of Rs.11250/- for 225 students has been deposited on 04.03.2020 in the account section. Five buses have been sanctioned for the visit to RMC, Nagpur. Team of 225 students along with above said faculty members of the institute reached the centre about 11:40PM.

Conduction of awareness has been taken in slot wise by experts in different domains at RMC. In the First slot, **Mr.Amit Mehra** and **Mr. Rakesh**, have taken initial responsibility of batch of 80-90 students to acquaint the students with the field instrumentation of observatory and their measuring parameter enthusiastically. Atmospheric parameters like temperature, pressure, humidity, percentage of rain fall, lightening strength, wind speed, wind direction, altitude etc, have been explained in most detailed way.



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In the second slot, **Ms. Swati** explained the software used for measurement of atmosphere terminology. Computing method of the parameters through computerized software has been elaborated in the laboratory.

Third slot was so practical with **Mr. Avinash**, who called the entire visitor on Tarries of the building where numbers of the equipments were mounted geometrically to measure the various atmospheric parameters. All the deliberations were so frank that all the students had made their doubts cleared with learning attitude.

Fourth slot was handled by **Mr.K.G.Shahare**, who explained how to launch balloon in the atmosphere to detect various varying parameters. What is its necessity? How, it is important to deal it after 4:31 PM in the entire country.

Fifth slot has been handled by **Mr. Prakash Chinchole**, who demonstrated the actual measurement of wind blow, rainy places at the current time on the television screen. He has shown some interesting measurement techniques to the students and faculties.

Finally the visit gets ended by photo session with the senior staff members of the centre, cheering faces of the students and respective faculties of the JDCEM, Nagpur.

Letter of Appreciations and thanks get offered to respective members of the centre by Mr. U.V.Rathod.

Mr.M.T.S. Sivanand, Meteorologist-A, Climatological section, also offered us the necessary report regarding the visit to their centre for the record.

All the students returned to the Institute about 5:00PM.

Really the trip was very enjoyable and learning for the students of B.Tech. First year. Definitely students will apply their experiences and knowledge in this visit in their later pursuits.

Hope for their prospective best.

(Mr.U.V.Rathod)
Asst.Professor in Physics,
JDCEM Nagpur.



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Group Photo of Students, faculties and Members of RMC, Nagpur
(05.03.2020 Thursday 4:00PM)

