

Dr. Mehul Sampat
24/1/2018
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SHRI VILE PARLE KELVANI MANDAL'S
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING
(Approved by AICTE and Affiliated to the University of Mumbai)



'Introduction to Pattern Recognition: Applications in Biomedical Engineering'

A technical guest lecture was conducted by Dr. Mehul Sampat Senior Software Engineer at BioClinica, USA on January 24th January 2018. Dr. Mehul Sampat is an alumni of the biomedical engineering department who has done his PhD from the Howard University. The topic of the lecture was 'Introduction to Pattern Recognition: Applications in Biomedical Engineering'. This guest lecture was organised by PACEMAKERS of D.J Sanghvi College of Engineering. It was conducted to give a brief introduction to the biomedical students about one of the applications of biomedical engineering.

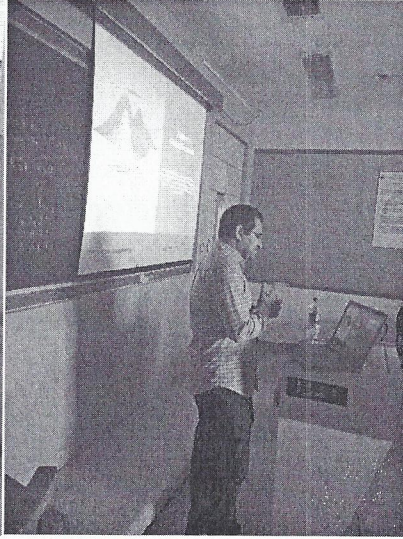
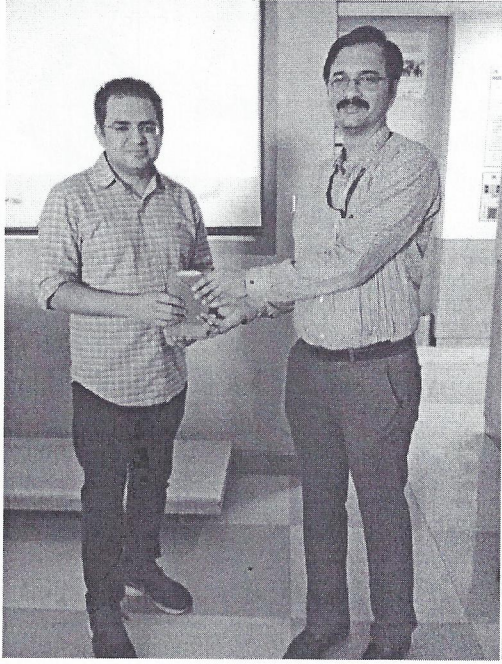
The lecture started with him introducing us with the basics of pattern recognition and further covered the confusion matrix, the classifiers used, the regression curve fitting, selection of features in a histogram, etc. He also mentioned about his undertaken projects and other projects that can be undertaken by the students. Along with the topics mentioned above, he discussed about the various courses that a student can undertake online and streams a student can pursue if he wishes to do masters in future.

Overall, the lecture was very informative and helpful to students. The event was a success and it was concluded from the feedback that more such lectures be conducted in the future. Students from the second, third and fourth year had attended this lecture. At the end of the lecture, Dr. Mehul Sampat was presented by a gift as a small token of appreciation by Professor Vivek Deodeshmukh.

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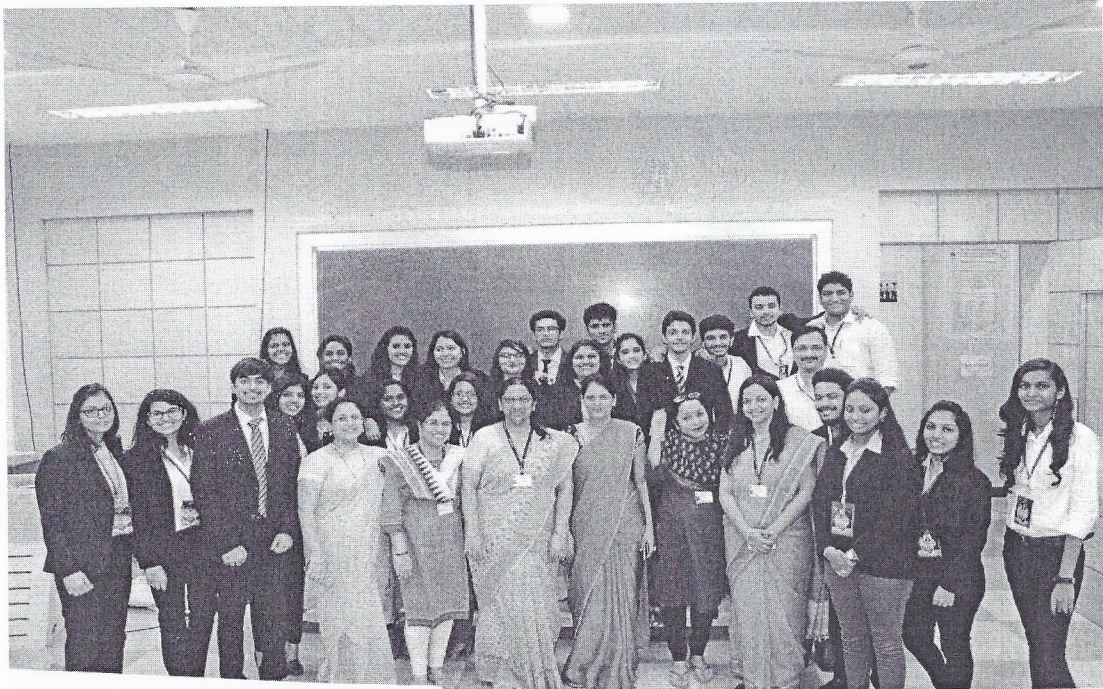
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**D J SANGHVI COLLEGE OF
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PACEMAKER
SYMPOSIUM REPORT

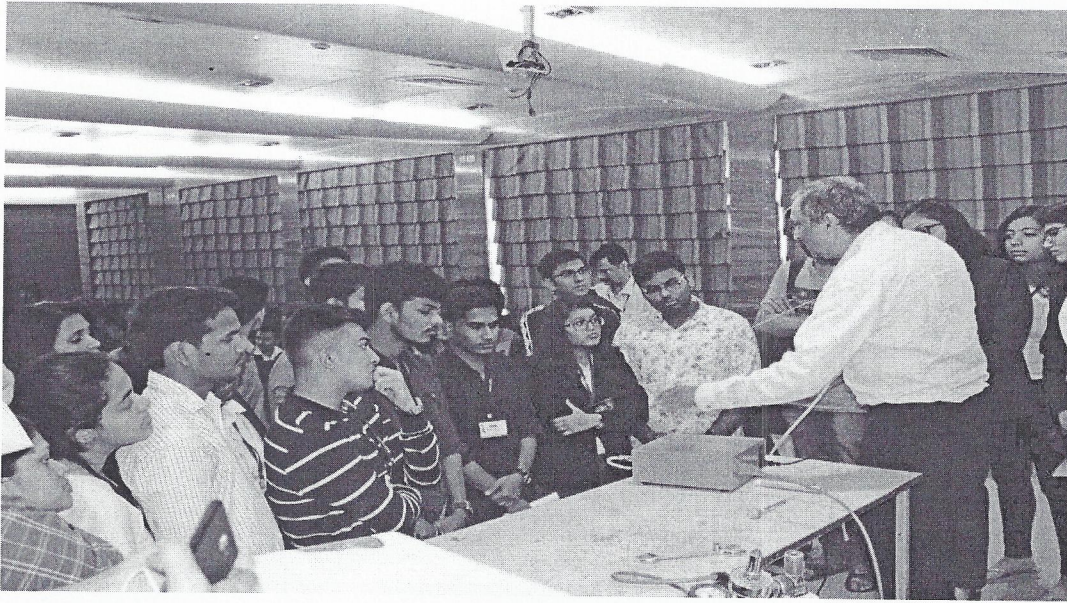


Pacemaker committee with the Biomedical faculty

The symposium on 'Recent Trends in Biomedical Engineering' was held on the 13th of April, 2018.

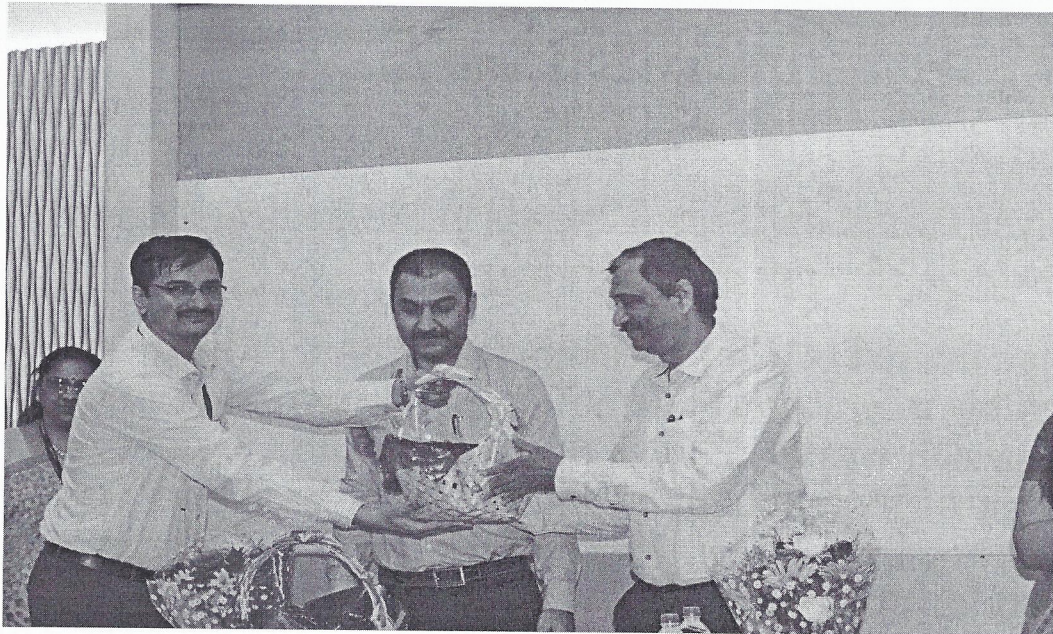
We had invited two key speakers for the same who held incredibly interactive and knowledgeable seminar sessions. The first speaker was Dr. Paresh Bhanushali who gave a lecture on the topic of "Point of Care Testing". Followed by him was Mr. Ajit Shringarpure who gave a live session analysis on the use and working of a Lithotripter. Dr. Paresh Bhanushali is the technical director at Yashraj Biotechnology Ltd. and Mr. Ajit Shringarpure is an entrepreneur and service engineer at PWM Systems.

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Students attentively watching the demonstration of a lithotripter

These sessions were of great interest to the students and played a role in understanding the practical applications and scope of our field in the future.



Guest lecturers being welcomed with hampers and flowers

Post the seminar, there were a number of fun activities lined up for the students. Some of which were- “Brain Vista” and “Flip and Win”. These events were hosted and judged by the student committee as well. It helped enhance the entire learning experience and increased the excitement and enthusiasm of the event. Winners were presented with vouchers and certificates.



Students and faculty members actively participating in fun events

The winners of the aforementioned fun activities were-

BRAIN VISTA-

- 1) Jinita Rathod (B.E student)
- 2) Anushree Bagwe (B.E student)
- 3) Ridhi Mulchandani (B.E student)

- 4) Pooja Nair (B.E student)
- 5) Kruti Vora (B.E student)
- 6) Sagar Birajdar (B.E student)
- 7) Devanshi Mehta (B.E student)

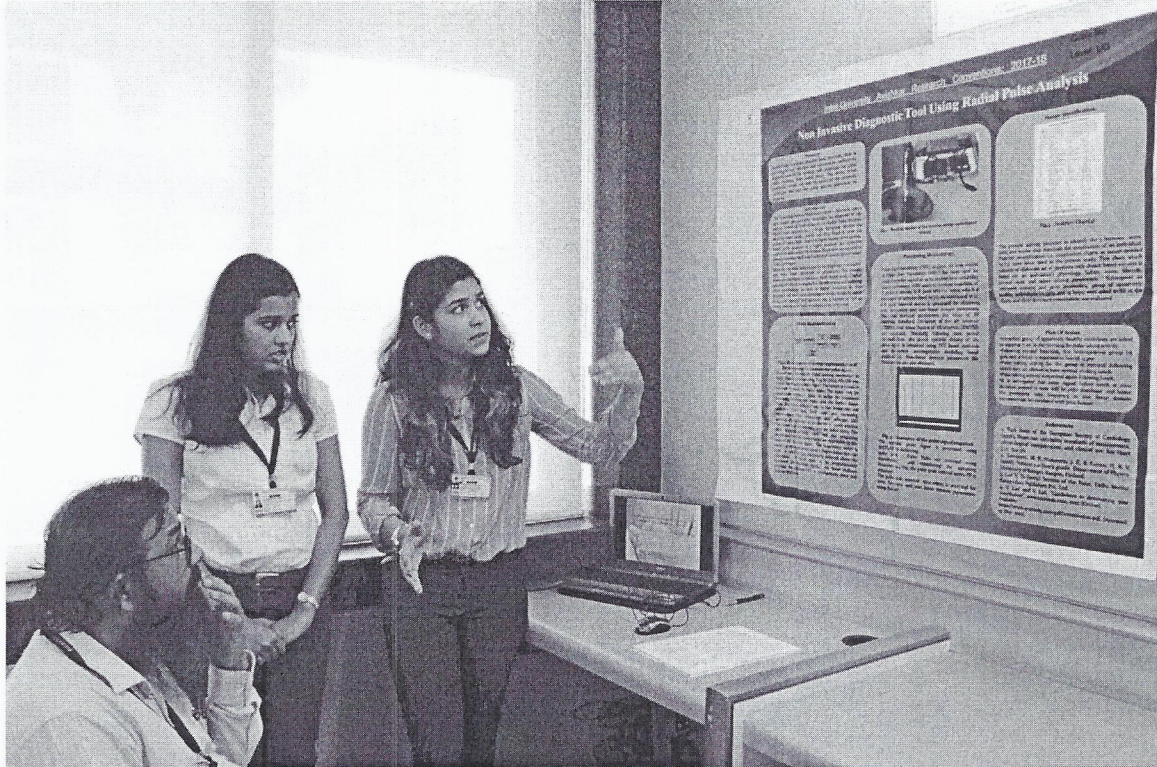
FLIP 'N' WIN-

- 1) Professor Rashmi Ravikumar (Biomedical Department)
- 2) Kruti Vora (B.E student)
- 3) Jinal Kapadia (S.E student) 4) Prajay Pamak (S.E student)
- 5) Haider Arsiwala (S.E student)
- 6) Vedant Patel (S.E student)

These events indeed added a lot fun to the otherwise academically bound atmosphere of college and lightened up everyone's spirits.

They not only reinforced all that the students learnt but also enabled them to see the fun aspects of our stream.

Apart from this, the Pacemaker committee even hosted a poster and project presentation session, the registrations of which took place beforehand.

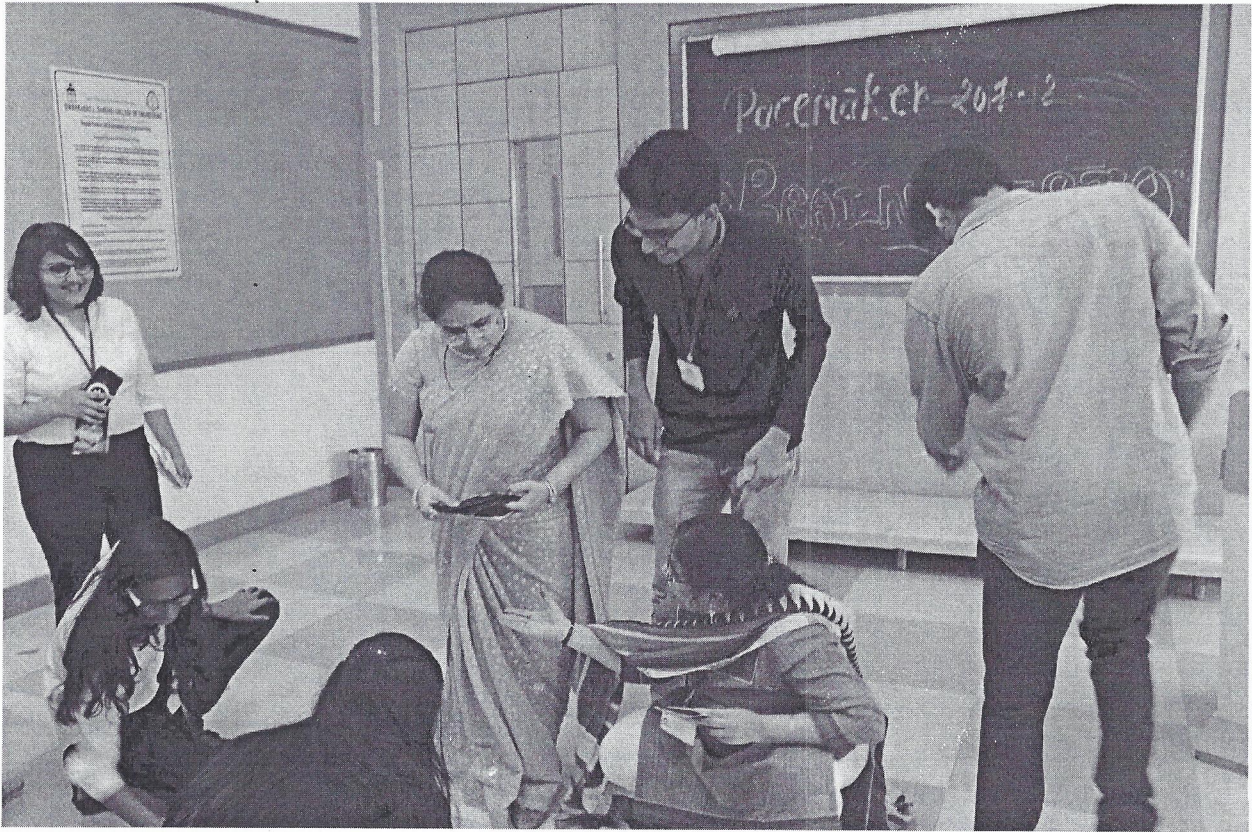


Students avidly presenting their projects

The event also comprised of food stalls and lively interactions between students and professors.

All in all, the event was thoroughly enjoyed by all of its attendees and guests and it acted as a catalyst in the learning process of all aspiring Biomedical Engineering students.

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GALLERY GALORE OF FUN EVENTS-

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Mr. Paresh Bhanushali
13/4/18

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