



**ECHO --- APRIL -2019
VOL. XXII**

NEWS FROM DEPARTMENTS:

The Internal Quality Assurance Cell of Dr. Ambedkar College Deekshabhoomi, Nagpur organized a talk on "Basic Awareness of intellectual property Rights -Patents" as a part of the IPR Workshop Series on 5th April 2019. The lecture which was meant for creating awareness amongst the science teaching faculty about IPR was delivered by Mrs. Pooja Vishal Maulikar, Examiner of Patents & Designs, Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur.

Department of Biochemistry and Biotechnology signed a Memorandum Of Understanding (MoU) on 28 February 2019 with EdGene Biomed Pvt. Ltd. Gurugaon, Chandigarh, India to explore the research in the field of in-Silico Drug designing, novel Drug discovery, Bioinformatics, Next generation sequencing Data analysis, functional Genomics and Proteomics. With this MOU department intends to provide a new platform to BSc and MSc students in the field of Computational Biology and Bioinformatics. Under this MOU department will arrange workshops and hands-on training on various topics for faculty as well as students.

The much-awaited annual sports event "KREEDA" under the affiliation of Seeding Labs, Boston was organized from 21st to

23rd February 2019. More than 250 students participated in this 3-day inter-college event. The event started with inauguration by Mrs. B.A Mehere, head of the department and Dr. Deovrat Begde, campus-chapter advisor of Seeding Labs, India.

Department of Biochemistry and Biotechnology along with Government Dental College, Nagpur participated in the KUTUHAL-Health Awareness Exhibition organized by Vigyan Bharathi in association with Indian Medical Association, Nagpur Chapter, National Cancer Institute, Nagpur and VNIT, Nagpur. In all 150 exhibits setup their stalls to provide Health awareness.

The department along with Seeding Labs Campus Chapter of the College, organized a science event 'GENESIS' for high school students on 20th and 21st of September 2018 in partnership with CSIR-NEERI, Nagpur. More than 200 students from schools in and around Nagpur participated in this event. Chief guest, Mr. Tushar Kulkarni, operation theatre technology trainer at Virohan Institute of Health and Management Science, was also the prime sponsor of the event. They demonstrated a short CPR and first aid training program to create a general awareness among the students.

As per the request of Dr. Manju Soni, Head, Department of Biotechnology, Priyadarshini College of Engineering and Technology (PIET), Nagpur a workshop for providing hands on experience to the B.Tech. (Biotechnology) students on Animal Cell culture Technique was conducted in the College on 4th September 2018. In all 24 students accompanied by a faculty-in-charge Dr. Ms. S. Ingle from PIET participated in this day long workshop and were guided to learn the basics of Animal Cell culture technique.

Department of Mathematics celebrated The National Mathematics Day on 25th March 2019. Dr. Prashant Dhongale, Assistant Professor, Department of Mathematics,

S.K.Porwal College, was the guest speaker. He spoke about the importance of mathematics regarding career of students. Government of India has declared 22nd December as the National Mathematics Day to recognize the works of the great Indian Mathematician Srinivasa Ramanujan.

Another guest lecture was organized on Special Relativity on 26th March 2019. The guest speaker for the program was Dr. P. V. Gayakwad, Department of Mathematics, Arvindbabu Deshmukh Mahavidyalaya, Bharsingi, from Narkhed. He emphasized the role of Special relativity in daily life.

Seminars were organized for the students of Statistics of B.Sc. I, II and III, on topics from their syllabus. They were also given books for reference and a few tips. This helped the students to understand the topic as well as an opportunity to face the audience, which most of the students did for the first time. It was deduced from past experiences that students who presented seminars could fare well in their written examination.

Two-day Hands-on training workshop on Awareness, Maintenance and Repairing of Instruments was organized on 19 & 20 July 2018 by the department of Physics for the technical staff to bring in awareness of the instruments and their maintenance used for experiments.

Orientation Program for B. Sc part I students was organized by the department on 6th August 2018. Students were introduced to the department and faculty members.

Aptitude test based on the basic knowledge of the students was conducted on 20th August 2018.

Installation and Inauguration of Physics society was held on 26th August 2012, which was inaugurated at the hands of Dr. Sanjay Jain, Professor, Department of Applied Physics, PIET, Nagpur.

Department of Electronics conducted student seminar of B.Sc Sem-IV & VI and on 31 Jan 2019. The student spoke on various topics related to their subject.

Department of Botany has engaged itself in pay back service to farmers of Mohgaon Zilpi, Salaimendha, Mandavghorad and Hingna via lab to land project on biofertilizers and biopesticides by supplying them biomass of biofertilizers and biopesticides free of cost to introduce and promote eco-friendly organic way of farming for sustainable soil & safe Agri-products for all.

The National Science Day was organized by Dept. of Botany on 27th February 2019. The Chief Guest of this event was Hon'ble Dr. Sharad A. Nimbalkar, Ex-Vice Chancellor, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola. The theme of NSD-2019 was "Science for people and people for Science". This theme was chosen for the purpose of inviting public appreciation for scientific issues involved. Science Knowledge Test covering various fields of science was conducted for students.

Students of Botany Department, Sant Gadge Maharaj Mahavidyalaya, Hingna, visited Plant Tissue Culture Laboratory and Botanical Garden of Deptt. of Botany Dr. Ambedkar College on 13th February 2019. Dr. Madhuri Bhonde and Dr. Rupali Chaudhary from Botany Department, Sant Gadge Maharaj Mahavidyalaya, Hingna monitored the students. A total of 30 students participated and gained knowledge of the working principle of various instruments and handling skill of explants, sterilization techniques, inoculation, callusing, shooting, etc.

The students of Botany Department under the supervision of Dr. Rahul Kamble participated in a discussion on the topic of "Paleobotany: R & D projects and development in India" under the aegis of the Botanical Society, on 28th February 2019. Dr. Rajni

Tewari, Scientist 'F', Birbal Sahni Institute of Paleobotany, Lucknow was the resource person.

Department of chemistry conducted a guest lecture by its own alumna Dr. Kaveri who completed her Ph.D.in biochemistry from Nirma University, Ahmedabad. She delivered a lecture on "Role of mitochondrial antioxidants in aging and male infertility".

Department of Chemistry and department of BCA also jointly organized a seminar on Job opportunities in Railway Sector for students of all disciplines. The guest speaker was Mr. Rajesh Patil, General Manager (Electrical), Maha Metro, Nagpur. Through a PowerPoint presentation Mr. Patil provided information about the job opportunities in Nagpur Metro Rail Project. Students have a plethora of opportunities in non-technical posts such as administrative, secretarial, supervisory, clerical etc., he said.

Department of Chemistry and department of BCA jointly organized a soft skill development programme on Effective Communication on 19th January 2019. The guest speaker was Mr Yash Panhekar, General Manager, BSNL Telecom Projects, Jabalpur.

Department of Chemistry, National Chung Hsing University, Taichung 40227, Taiwan R. O. C. and Department of Chemistry, Dr. Ambedkar College, have signed an MOU under International collaboration. The objective of this MOU is to stimulate and facilitate development of collaborative and mutually beneficial programs which serve to enhance the intellectual life on both the campuses. The MoU was signed on 24th January 2019.

Department of Chemistry, Botany and BCA jointly organized a seminar on 18th Feb 2019 on "Promoting Entrepreneurship among young graduates." The guest speaker was Dr. Bhimrao Ghodeswar, Ex-Dean Professor, National

Institute of Industrial Engineering (NITIE), Mumbai. ACS International Student Chapter Charter, Dr Ambedkar College and Chemical Society, Dept. of Chemistry jointly celebrated International Year of the Mendeleev's Periodic Table on 12th March 2019.

BCA department organized a guest lecture on "New age technology: Cloud computing & Security" on 10th December 2018. The speaker was Mr. Anil Tatode, Cloud Computing expert & Trainer, University Campus, Nagpur.

BCA department organized games on 20th December 2018 in the college ground. Different games were played by students such as cricket, tug-of-war, football & lagori. Large number of students and faculty members participated in various games. Department of Chemistry, Botany and BCA jointly organized a seminar on 18th Feb 2019 on "Promoting Entrepreneurship among young graduates." The guest speaker was Dr. Bhimrao Ghodeswar, Ex-Dean Professor, National Institute of Industrial Engineering (NITIE), Mumbai.

A Guest Lecture on 'Theories in Literature and Better Study Practices' for ELT students was organized on 17th January 2019. The Guest Speaker was Ms. Neha Sharma (Doctoral Research Student, Sweden and Alumnae of Department of English). She talked about the conventional and recent trends in literature.

Mr. Mohammad Matahar, YEMEN, Research Fellow at SRTMU, Nanded was invited to deliver a lecture on Research in Socio-linguistics as an emerging branch of research in language and linguistics. Dr. Shailesh Bahadure introduced the guest to the gathering and he was welcomed by Dr. Mrs. Pallavi Chopde, (Head, Department of English) & Mrs. Priti Singh (Assistant Professor, Department of English). He began initially by describing Yemen and its culture, the native language and its local variants. He also shared interesting information about the relation shared between India and Yemen. This was followed by his talk on research in general. He said that research is a

long journey and before venturing in research, one must have an innate desire to pursue a particular topic.

A Guest Lecture on Guidance and Counseling was organized by the Department of English under the banner of English Literary Association on 12 March 2019. Resource Person for this lecture was Ms. Mangala Waghmare, Department of Psychology, Dr. Ambedkar College, Deekshabhoomi, Nagpur. The programme was interdisciplinary in nature.

Annually all the students submit various assignments for all the faculties and they are generally submitted in plastic transparent folders and files. Some of the assignments are written in registers in which few pages are used whilst the rest are blank. Assignments are returned to students after evaluation. Almost all departments conduct at least one activity towards environmental awareness also.

A Five Days Certificate Course on "Psychological Testing" was organized by Department of Psychology during 6- 10th February 2018. 1. Inauguration and Guest lecture on "What is Psychological testing" by Prof Shankar Bhusari. 2. Dr. Deepa Balkhande from Binzani Mahila Mahavidyalaya, Nagpur, delivered lecture on "Application of Psychological Testing". Day Three: Dr. Shailesh Bansode from Vasant Rao Naik Government Institute of Arts and Social Sciences, Nagpur (Old Morris College) delivered a lecture on "Qualitative Methods". Day Four A lecture on "Types of Tests" was delivered by Mr. Shankar Bhusari on the fourth day. A two-day workshop was organized on 6-7th 2019 March on "Process of Counseling in various fields" Department of Psychology and Psycho-Social Counseling Cell of the college.

Inauguration of this workshop was done by prominent speaker Dr. Amar Damle, Binzani Mahila Mahavidyalaya, Nagpur. He gave valuable guidance on "Role of Psychological Counseling, Counselor's Role and

Skills." in collaboration with Sociology and Commerce faculty.

Sociology - An Elocution Competition on the topic 'Increasing wantonness among Modern Youth' was organized by Dept of Sociology in the college auditorium on 12th February 2019. A quiz Competition was organized by the Department of Sociology on 18th February 2019.

VISITS:

Department of Biochemistry & Biotechnology, Dr. Ambedkar College, Deekshabhoomi, Nagpur organized an Educational Visit to Hyderabad from 11-02-2019 TO 14-02-2019 and went to National institutes like Institute of Genetics & Hospital of Genetic Diseases, Osmania University and CCMB (Centre for Cellular and Molecular Biology-CSIR), Hyderabad. The total number of students in educational visit was 35 from M.Sc. Biotechnology as well as Biochemistry.

Total 105 students from CBZ BCZ and BCB groups along with faculty Prof. S. R. Somkuwar, Dr. Rahul Kamble, Dr. R. S. Bagade, Dr. DVNS Suresh and attendant Mrs. P R Chopade visited the Bor Forest Project. On the way they halted at two places to identify and study different useful and significant vegetation in the mountain valley near the Bor forest on March 14, 2019.

A batch of 53 students of B.Sc., Department of Chemistry and three staff coordinators, Mrs. Dr. Dhanshree Borikar, Dr V M Shivankar and Prof N G Telkapalliwar visited Sunflag Steel Industry at Bhandara on 30.1.2019. Sunflag Iron and Steel Co. Ltd. is a prestigious unit of the SUN FLAG GROUP. Academic visit to National Environmental Engineering Research Institute (CSIR-NEERI) was organized on 18th March 2019.

A visit to Aadasa old age home was conducted on 16 January 2018, by the department of Psychology. Mr. Chandan Batwe, caretaker of

old age home gave information about Matoshri Old Age Home.

Visit to Natural Farm at Kelzar, Wardha and to Lokmat Press at Butibori, Nagpur was organized on 13th February 2019 by the Department of Commerce. Approximately 80 students participated in the visit.

Another Field Visit at R.C. Plasto Co. and Bharat Plastic Co. MIDC Hingna, Nagpur was organized on 22nd February 2019.

Visit to VIA (Vidarbha Industrial Association) and DIC (District Industrial Association) office on 28th February 2019, for B.com 1st year students.

Department of Commerce in association with The Institute of Chartered Accountants of India, Nagpur Branch jointly organized a Six days' (30 hrs) training program on Application in Accounting of Finance and Taxation (MS-EXCEL) from 12th to 18th February 2019.

The Department of Law hosted a National level Law festival titled "LAW VISION 2019" from 20th to 23rd February, 2019. This mega event was inaugurated on 20th February at the hands of Hon'ble Shri Justice S.M. Modak, Judge, High Court of Judicature at Bombay, Nagpur Bench, Nagpur and Shri S.J. Fulzele, Secretary, Smarak Samiti presided over the inaugural ceremony.

The Valedictory ceremony and awards function of this Extravaganza on Saturday 23rd February was graced by Senior Advocate Anand Jaiswal. The Awards of the winners of all competitions were given away prizes during this function.

Guest Lecture on Immoral Traffic Prevention Act 1956. Guest Speaker Adv. Rahul Dhande on 28th February 2019.

Guest Lecture on "Rights of Muslim Women under the Muslim Personal Laws" by Adv. Ms Tajwar Khan on 23/03/2019.

Guest Lecture on "Child Rights under the Indian Constitution relating to child employment and

the Prohibition of Child Labour Act" by Adv. Ms Arundhati Patil on 27/03/2019 Guest Lecture on "Rights of Hindu Women under Hindu Personal Laws" By Adv. Mrs Padma Chandekar on 27/03/2019.

Chief Guest Dr. B. K. Upadhyaya, Commissioner of Police, Nagpur city inaugurated ceremony of the Two-Day International Conference on Sports Psychology & Yogic Sciences, hosted by the Department of Physical Education and IQAC of DACN in collaboration with Sports Psychology Association of India, under the aegis of Association of Indian Universities on 16th and 17th February 2019.

WORKSHOPS

A four-day workshop on *In vitro* Cell culture, a hands-on training on cell culture techniques was organized from 26th September to 29th September 2019, the program coordinator of which was Dr. Utpal Dongre, Assistant Professor of the department.

Chemoinformatics is an established discipline focusing on extracting, processing and extrapolating meaningful data from chemical structures & is currently one of the most important and rapidly evolving topics in computer-aided drug discovery. To provide the knowledge of this new field to our students Department of Biochemistry & Biotechnology organized 3 Day Workshop on Chemoinformatics in collaboration with EdGene Biomed(OPC) Pvt. Ltd. Gurgaon, Chandigarh on 26th February 2019. Program coordinators were Mr. Pradip Hirapure & Ms Shweta Paranjape.

Department of Computer Science organized a workshop on Java Program on 25th & 26th February 2019. The resource person was Mr. Ashish Gadpayle, Director, APS Microtech Pvt. Ltd., Nagpur.

A workshop on Herbarium Techniques was conducted by the Botanical Society on 20th February 2019. Dr. N. R. Ugemuge,

Maharashtra State Biodiversity Board, Nagpur was the resource person for the same.

To provide hands-on training on profiling of amino acid to B.Sc. students Department of Botany organized Workshop on "Amino Acid Profiling" on 16th March 2019. Dr. Utpal Dongre, Dept. of Biochemistry, Dr. Ambedkar College Nagpur acted as a resource person and Dr. Rahul Kamble Faculty Dept. of Botany coordinated the said workshop.

A Two-day workshop was organized on 6th and 7th March 2019 on the subject of "Process of Counseling in Various Fields". The workshop was inaugurated by prominent speaker Dr. Amar Damle, Binzani Mahila Mahavidyalaya, Nagpur. He gave valuable guidance on "Role of Psychological Counseling, Counselor's Role and Skills". He also shared information about the role of the counselor in the field of professional counseling, knowledge and skills. In the second session, Ms. Monali Mohurle, Clinical Psychologist from Mayo Hospital, Nagpur gave very inspiring guidance on "Counseling Process and skills in School Counseling". Ms. Monali discussed the problems of school children, their counseling, and the role of parents, teacher and counselor. In the first session of the second day, on 7th March, the famous Marital Counselor, Ms. Swati Dharmadhikari guided the participants on "Counseling Process and skills in Pre-Marital Counseling & Marital Counseling".

MISCELLANEOUS

Dept. of Botany Dr. Ambedkar College Deekshabhoomi, Nagpur conducted "ETHNOMEDICINAL PLANT EXHIBITION" on 23rd January 2019, for B.Sc. students to explore the medicinal knowledge in young minds.

This year also we started **Unnati** in the month of August 2018 and concluded in the month of February 2019. It is a complete 6-month training programme. A good number of experts, professionals & entrepreneurs are the faculty members of this unique project, which is a very popular training programme amongst

the students from Arts, Commerce & Science streams.

Seniors & Junior students joined hands for a ragging free campus. To have check on this we had organised different programmes under the banner of the **Anti-Ragging Cell**. In the previous year buddy system was introduced in the college, where senior students acted as mentors for freshers.

Valedictory Function of **ED Cell** was organized on 10th April 2019. Mr. Pradeep Ingale, Centre Head, M.C.E.D., Hingna was the Chief Guest of this programme. He appreciated the fact that Dr. Ambedkar College has sown the seeds of entrepreneurship long back in 2002 and the programme has been successfully conducted every year since then. He gave detailed information of E.D.P. training programmes, both residential and non-residential organized by M.C.E.D. throughout the year. He explained that the government has adopted a special policy for the women entrepreneurs by giving them special incentives. He also gave details of the schemes offered by both the Central and State governments for the women entrepreneurs.

Yoga can be a set of exercises done in any way you wish to do it but 'Yog' is simply an union with the divine, quipped Yog Guru Shri Sachin Mathurkar of Sukh, Shanti Samadhan Yoga Institute, Nagpur, on the first day of the workshop on Yoga and Meditation organised by the Women Development Cell on 28th January 2019 at the college auditorium.

The second day of the workshop on 29th January 2019, began with Dr. Lalita Punayya, Associate Professor of Physical Education, Yashoda Girls' College, Nagpur and Dr. Pradnya Bhelwa, Associate Professor of Physical Education, Dr. Ambedkar College.

A Panel Discussion on Sensitization towards Prevention of Sexual Harassment was organized by **Internal Complaint Committee and Women Development Cell** on 15 February 2019 in the college auditorium. The Chief

Speakers for the programme were Dr. Vivek Kirpekar, Head of Department of Psychiatry Lata Mangeshkar College and Hospital, Nagpur, Advocate Smita Singulkar, High Court Juricature of Bombay, Nagpur Branch, Mrs. Madhuri Sakulkar, women Activist Bharatiya Stree Shakti, Mr. Narendra Hiware, Police Inspector Crime Branch and Dr. Reena Saha, Vice Principal Shree Mohata Science College, Nagpur.

International Women's Day was celebrated on 14th March 2019. On this Occasion a guest lecture on 'Cancer Awareness' was organized in which guest speaker Dr. Jaiprakash Baraskar an eminent Oncosurgeon of Nagpurenlighened the girl students about Breast & Cervical Cancer awareness.

ECGC Cell organized training of Indian Cultural Dances like bhangra and garbha from 17th to 19th March 2019 by guest trainer Ms. Pooja Vijewar, Proprietor, Dazzler Academy Nagpur.

Another lecture organized by the ECGC cell was on "Clinical Research and Medical Coding" on 31st January 2019. This talk delivered by Mr. Sharad, Director CEO, Spruce Clinical research centre, Nagpur gave a brief idea to students about job opportunities in clinical research and medical coding. Around 45 students from life sciences attended the programme.

The HRD Cell organized a spate of lectures from 15th April to 23rd April 2019 on various topics for the teaching and the non-teaching staff of the institution.

Under the aegis of Mediation Action Plan 2019, District Mediation Monitoring Committee conducted Awareness programme on "Role of Judges, Advocates and Mediators in Mediation" on 20th April, 2019, at Judges Conference Hall 8th floor, District Court Nagpur. About 15 students of LL. B II sem. (5 YC and 3 YC) from Department of Law along with Dr. Pratima Lokhande, Coordinator of Legal Aid Clinic

participated and attended the said awareness programme.

Chemistry Alumni Association organized a guest lecture by Dr. Kaveri Purandhar on 10th January 2019. Dr. Kaveri has done her Ph.D. in biochemistry from Nirma University, Ahmedabad and she is Alumni {2003-2006 batch} of Dr. Ambedkar College. She delivered a lecture on Role of mitochondrial antioxidants in aging and male infertility.

A Guest Lecture on 'Theories in Literature and Better Study Practices' for ELT students was organized on 17th January 2019. The Guest Speaker was Ms. Neha Sharma, Doctoral Research Student, Sweden and Alumnae of Department of English.

The Students' Moot Court Association of the Department of Law of the College organized an interactive session on "Gender sensitization with special Reference to Sexual Minorities". Hitherto all programmes on gender sensitization have focused on women and the need for women empowerment. However, in the wake of the recent judgments of the Supreme Court of India that have officially recognized the third gender, de-criminalized homosexuality etc., it has become important to also focus on the problems of sexual minorities. It is realized that despite these bold judgments from the Apex court, the society is still not prepared to include the LGBT community in the mainstream of social life.

Lifeline services cell organized a Training Program for Basic First Aid for Students of B.Sc. on 27th March 2019. The guest speakers for the training program were Mr. Tushar Kulkarni, Faculty, Virohan Institute of Medical Sciences, Mr. Vilas Manmode, Business Development Manager, Virohan Institute of Medical Sciences and Mr. Ganesh Kale, Technician. In this program, students were imparted training on BASIC FIRST AID AND CPR PROCEDURE with live demonstration.

DR. AMBEDKAR COLLEGE, DEEKSHABHOOMI, NAGPUR-10

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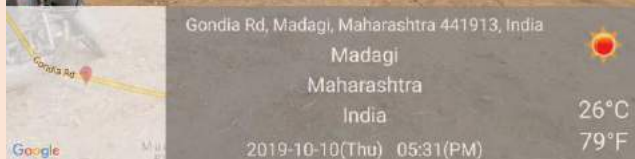
Dr. Ambedkar College Deekshabhoomi, Nagpur has always provided its students with opportunities to prove their mettle in different fields and the „CULTURAL FEST- 2019’ is one such platform. The cultural fest was organized on 19th March, 2019. This year Cultural fest was based on the theme, “Save Environment”.

STUDENT in NEWS

Ms Nupur Iyer BSC Sem-IV has also participated in the students “Scintillation” Students seminar competition organized by J. B. Science College, Wardha on 19th March 2019 and won 2nd Prize in student’s category. Dr. N. S. Meshram, from the department coordinated this event.



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Longitude: 79.06752
Elevation: 318.87m
Accuracy: 8.5m
Time: 29-08-2019 13:19
Note: American Chemical Society Maharashtra Student Chapter



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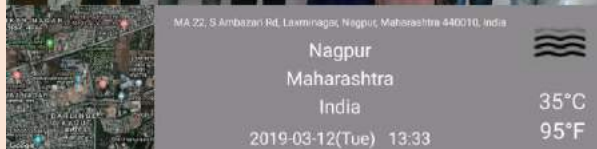
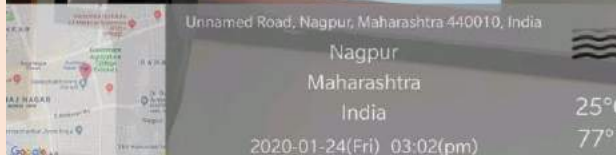
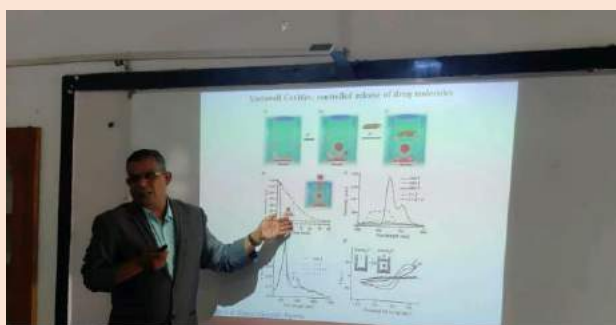
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