



Streamlining minds मागजल

Volume 1 • Issue 3 (Jan- Feb 2019)

Academic year 2018-19



"We Have To Assiduously Nurture Talent And Aim For The Top,"
- Prof G D Yadav

MARJ News Letter



**National Science Day
Celebration At
ICT Jalna Campus**

NATIONAL SCIENCE DAY
AND
SPORT DHAMAKA
Celebration Week
18-30th February, 2019
ICT, MARATHWADA CAMPUS, JALNA



Sports Dhamaka



**Industry Visit
at Kalash Seeds**



CONTENTS

1. From Directors desk.....	3	6. Academic Update	19
2. VC's Message.....	4	7. About the Campus.....	20
3. Acknowledgments	6	8. Campus Infrastructure	20
4. Special events	7	9. Industry Visits	21
5. Seminars and Pep talks	15	10. Sports Dhamaka	23

Compiled by : Shri Sharad Lahoti, Associate Dean

MARJ-**UAA** *Get-Together*

Shri G.D. Agrawal , President of UAA, Mr Ashish Mantri, Mr Vishwanathan, Mr. Kunal and few other members were present for the get together.



From the Director's Desk



I am touched by generous donation of Dr. M. Sriram for instituting an award for a girl student and our Associate Dean Shri Sharad Lahoti for handsome donation to support industry internship of needy students. I am also thankful to our beloved Vice Chancellor Padma Shri Prof. G.D.Yadav to catalyze a donation of Rs. 50,000 from Rajpurohit Foundation given as hostel fees for a needy student from MARJ.



Dear All,

I am happy to publish the 3rd issue of Margjal capturing happenings at MARJ campus during last two months. After completing a very hectic academic schedule in Trimester – 1 (Sept – Dec 2018) now the students and faculty are a bit relaxed. Half of the class (30 Students) are undergoing their first industrial training and all of them are placed in Jalna. Thus the entire class of 60 still enjoys common dinners and weekly seminars scheduled on Monday. This day of the week is chosen to match industrial weekly off and teaching time table is adjusted accordingly. Batch B has started studying Term 2 courses and also they also organized several activities in this period. These co-curricular, extracurricular and sports activities, indoor gym and outdoor sports facilities are pumping lot of oxygen and energy in all.

February 25th -28th witnessed Sport Dhamaka and National Science Day (NSD) Celebration for whole week! It was heartening to see faculty as well as support staff playing Cricket, Volleyball, Kabaddi etc. with students as a team. The most exciting event was Industry Defined Problem (IDP) competition. MARJ students had mixed teams with Matsyodari Engg. College students and indeed all the IDP presentations were worth appreciating. Last but not least formal Vision Mission statements for MARJ are defined and the most important part “Uplifting Marathwada Region” has already being implemented. During NSD Celebrations twenty 9th std. students from Pare High School, Chandanzeera area of under privileged children, visited MARJ to various lab, saw posters in exhibition. These were specially made by our students to explain science in daily life. MARJ has started demonstrating ICT culture of sharing knowledge and fulfilling PSR (Personal Social Responsibility)!

I am touched by generous donation of Dr. M. Sriram for instituting an award for a girl student and our Associate Dean Shri Sharad Lahoti for handsome donation to support industry internship of needy students. I am also thankful to our beloved Vice Chancellor Padma Shri Prof. G.D.Yadav to catalyze a donation of Rs. 50,000 from Rajpurohit Foundation given as hostel fees for a needy student from MARJ.

Dear Reader well-wishers, do plan a visit to ICT Mumbai-Marathwada Campus, Jalna and don't forget to carry your cheque book!

Professor S S Lele

FMASc, FBRS, FAFST

Director

ICT Mumbai- Marathwada Campus, Jalna

<director@marj.ictmumbai.edu.in>



The Vice Chancellor's Message



We Have To Assiduously Nurture Talent And Aim For The Top



Indian Society for Technical Education (ISTE)-Maharashtra-Goa section conferred the Best Engineering Institute award upon ICT on 5th January in Mumbai.



Padmashri Professor G D Yadav

Vice Chancellor and R T Mody Distinguished Professor

Tata Chemicals Darbari Seth Distinguished Professor of Leadership and Innovation

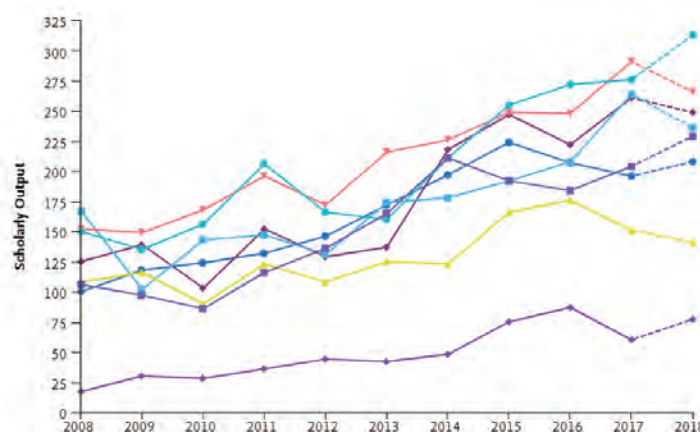
J C Bose National Fellow (DST GoI)

Success is autocatalytic. Good ideas mature into great practices. Soon on May 4, 2019 we will complete one year of the foundation laying ceremony. When I conceived the idea of Integrated M. Tech. with 15 trimesters with alternate in industrial internship, many doubted the idea and its relevance since not many industries exist in Marathwada region to absorb UG students who had just passed out their HSC examinations. Half of the class, to be precise, first 30 students were supposed to go to industry. So we had to devise a syllabus which would be vibrant having input of students and industries. The students on the work term have done wonders. They are getting stipends as well and have made us proud as the first batch of this programme. Congratulations to Prof Smita Lele, Dr Parag Nemade and above all Shri Sharad Lahoti.

Accolades :

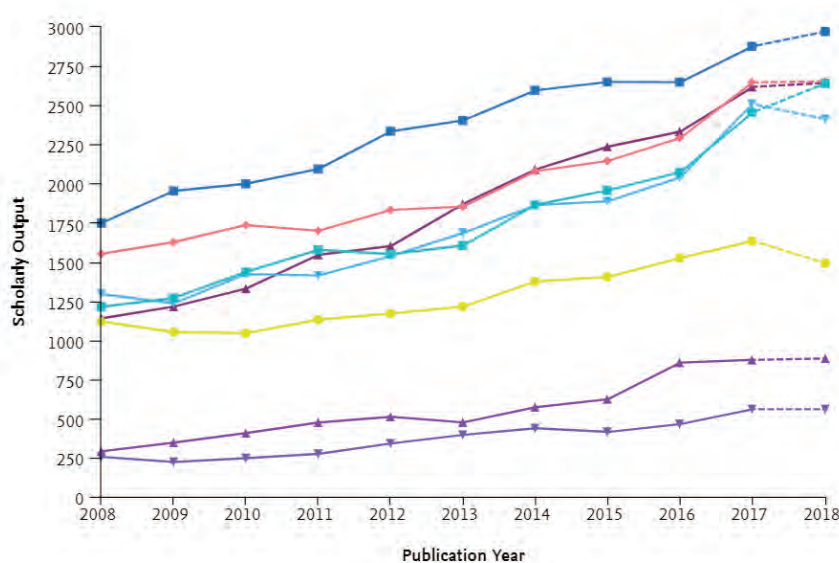
**Benchmarking across all subject disciplines in India:
Feb 2019 Statistics**

Source: Sci-Val, Elsevier



- Institutions and Groups**
- Indian Institute of Science, Bangalore
 - Indian Institute of Technology, Bombay
 - Indian Institute of Technology, Delhi
 - Indian Institute of Technology, Kanpur
 - Indian Institute of Technology, Kharagpur
 - Indian Institute of Technology, Madras
 - Institute of Chemical Technology
 - University of Pune

Name	Scholarly Output	Field-Weighted Citation Impact	Outputs in Top 10 citation percentile (%)	Collaboration (%)
Indian Institute of Science Bangalore	1824	1.4	24.8	21.1
Institute of Chemical Technology	1726	1.26	25.1	15.2
Indian Institute of Technology, Kharagpur	2333	1.17	20.5	17.7
Indian Institute of Technology, Kanpur	1427	1.15	19.8	21
Indian Institute of Technology, Bombay	1982	1.09	18.3	22
Indian Institute of Technology, Delhi	1942	1.08	18.2	20.5
Indian Institute of Technology, Madras	2300	0.97	15.3	18.4
University of Pune	544	0.95	18.6	22.8



View list of Scopus Sources for the selected Researchers and Groups

Name	Scholarly Output	Field-Weighted Citation Impact	Outputs in Top 10 citation percentile (%)	Collaboration (%)
Indian Institute of Science Bangalore	26271	1.07	13.1	26.1
Indian Institute of Technology, Bombay	20617	1.1	12	26.6
Indian Institute of Technology, Delhi	19297	1.12	13.1	20.8
Indian Institute of Technology, Kanpur	14162	1.03	12.2	25.2
Indian Institute of Technology, Kharagpur	22111	1.06	12.5	19.7
Indian Institute of Technology, Madras	19640	1.02	11.4	24
Institute of Chemical Technology	4165	1.07	19	13.7
University of Pune	6312	0.99	10.8	20.7

We have created a brand and brand value, much different from other premier institutes. I cannot believe we have completed 10th year as an independent university which also received the top ranking in NAAC in engineering and technology. The MHRD/UGC granted us Category I status on 12th February 2018 which paved way for starting two new campuses and introduction of innovative programmes for the first time in our history. Despite many hurdles we have achieved many milestones which all of you should be proud of. Just last month, in the meeting convened by NITI Aayog on creating research eco-system in higher education, top 30 institutes were asked to make suggestions. It was shown the in the benchmarking, ICT, as a whole, scores the same field weighted citation impact factor of 1.07, the same as IISc, Bangalore and is placed third in the ranking. The output in top 10 percentile is 19 which is the highest. In Chemical Engineering the score is 1.26 and 25.1, respectively which is the highest. In NIIRF ranking ICT was placed at 4 among Pharmacy, 10 among Engineering, 19 among Universities and 30 among all. In the QS (BRICKS) ranking for 2019, ICT is 115 among all. The QS subject rank in Chemical Engineering has improved from 201-250 to 100-150 with





a domestic rank of 6. Many of our students, faculty, alumni and support staff have received several awards and accolades and ICT was the University of the Year in 2018, an honour granted on us by FICCI. We are proud of our achievement but should not be complacent. However, I must state that we have to assiduously nurture talent and aim for the top.

We are going to have a few Centres of Excellence in MARJ campus. COE in Cellular Agriculture in partnership with industry having investment of Rs 50 Crore and US-based Good Food Institute will deal with creating 'vegetarian meat' having enough protein value. An MOU was signed in this regard in the presence of Hon'ble Shri Vinod Tawde, Minister for Higher and Technical Education.

We will soon start our research activities on Water Management as well and have recruited the first batch of tutors. So next academic year, there will be a huge completion for admissions.

Acknowledgement

- ICT Marj thankfully acknowledges generous donation by Dr. M. Sriram for instituting Vedavalli Vaidyanathan Award for First Year Girl Student of ICT Marj.
- We are happy to announce that Ms. Urvi Paralikar is selected to receive this award for the year 2018-19.
- We thankfully acknowledge that with the support of our VC Prof. G. D. Yadav, a donation of Rs.50,000/- from Rajpurohit Foundation was given for hostel fees for a needy student.
- We thankfully acknowledge handsome donation of our Associate Dean Shri sharad Lahoti for support of industry training of our students.



Inauguration of Fruit Winery Plant at Ratnagiri



On 16th January 2019, the new non-grape fruit winery plant was inaugurated at Sawarde, Chiplun at the hands of Padma Bhushan Prof. J.B. Joshi. The plant is installed in the premises of Sawarde Valley Food Foundation, a Section 8 non profit company with partial support from Rajeev Gandhi S and T Commission, a project under Prof. Lele. Prof.

Joshi, ex Director ICT, now Emeritus Professor at ICT Mumbai said on this occasion "I am truly impressed by the facilities created by Prof. Smita Lele at a small village in Koknan – Sawarde. In fact, she is sowing seeds of creative ambience. I am confident that the activity will grow to bring transformation. I am pleased to see other young ICT graduates participating in the mission. I wish the entire group grand success!" 🌱

Govindraoji Nikam Jayanti Mahotsav at Sahyadri Shikshan Sanstha, Sawarde

*Prof J B Joshi
& Prof S S Lele
at Govindraoji
Nikam Jayanto
Mahotsav at
Sawarde*



On the same day Prof J.B.Joshi was invited as the Chief Guest at Sahyadri Shikshan Sanstha, Sawarde, Chiplun, an educational institute working for last 60 years in that region. Film and TV Actor Manoj Joshi and Prof Smita Lele were the Guests of Honors in this program. Prof. J.B. Joshi gave an inspiring speech to the gathering on how to innovate with the help of science & technology. He also gave quick tips on how to create wealth in India using technology. The golden advice was "Stop complaining and solve the problems with a smile on the face" 🌱

Workshop for Farmers Producer Companies



On 5th January 2019, Prof Smita Lele gave her speech in the Farmers Workshop arranged by Farmers Producer Companies at Karmad, Dist. Aurangabad. Hon. Minister for Industries, Shri Subhashji Desai was the Chief Guest for this workshop which was attended by over 500 farmers.

Annual Gathering Barwale College Jalna



On 15th Feb 2019, our Director Prof. S.S. Lele was invited as Chief Guest of the Prize Distribution Ceremony of the Annual Gathering of Barwale College Jalna. Mr Rajendra ji Barwale, Chairman of Mahyco presided over the function. On this occasion, Prof. Lele guided the students on "appropriate career selection and planning for getting professional success".

National Science Day

Week Celebrated from 25th to 28th Feb 2019

*Inauguration of
National Science
Day Week*



At ICT MARJ, National Science Day week was celebrated from 25th Feb 2019 to 28th Feb 2019.

Inauguration of Science Week :

The celebrations were inaugurated on 25th Feb 2019 in the Auditorium. 9th Std. Students from local Jeevanrao Pare high school were invited to campus. This school is near MARJ campus and most of the children are from under privileged sections. After Lighting of Lamp and ICT Vidyapeeth Geet, Prof. Lele gave an informative speech to all students about importance of science in our everyday life. A science poster exhibition was arranged where ICT students depicted basic science examples on posters. ICT students explained various fundamentals of day to day science to school students. They were also taken around laboratories where all instruments were displayed and their functions were explained. Dr. Ritika Joshi was the overall coordinator.

*National
Science Day,
with students
of Jeevanrao
Pare School
Chandanzeera*





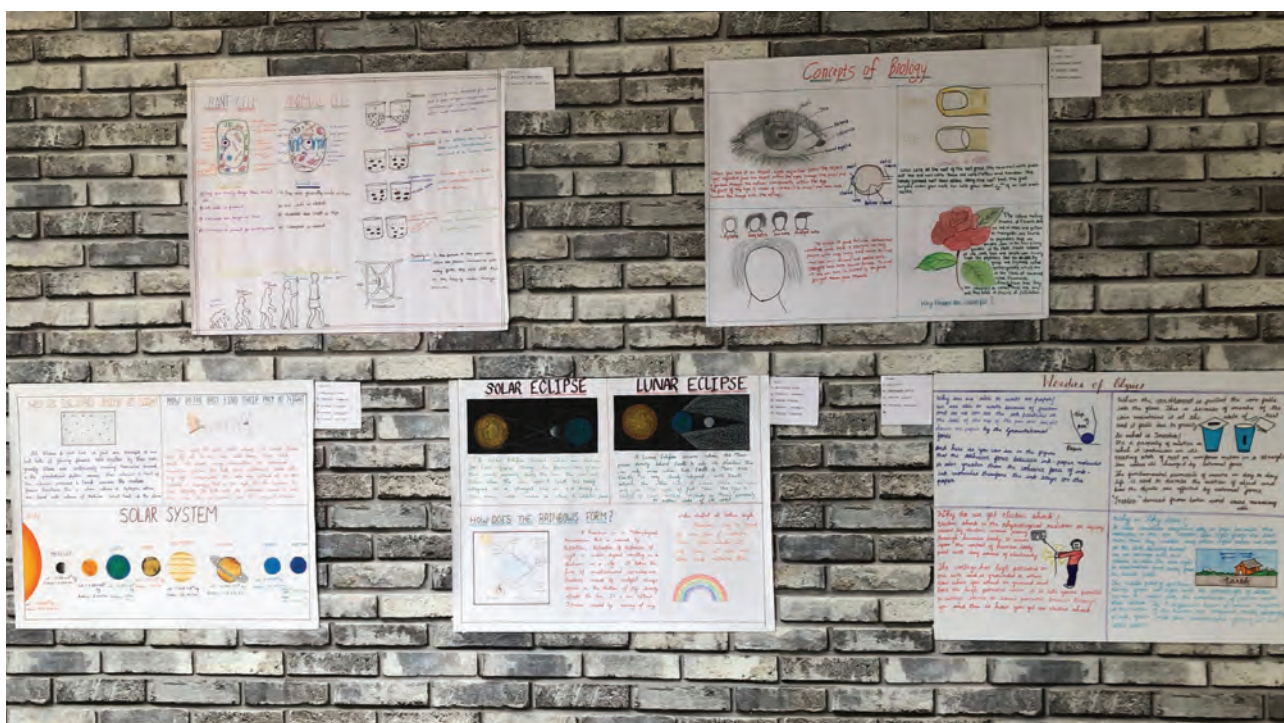
Quiz Competition

In the afternoon part of Feb 25, 2019, Dr. Manoj Jadhav and Mr. Majeed Jamkhani organized Quiz Competition for ICT students. The topics covered Science, Technology, Sports and General Knowledge. 13 teams each having 3 students, participated in the written elimination round. 3 best teams were the finalists who faced 6 different rounds of questions. It included several varieties such as fastest finger first, visual round, buzzer round and rapid fire etc.

Winning Team : Krutarth Pandit, Adwait Sawant, Pratap Gaurav

Thus the NSD week had many more small activities and some sports events too. Finally on actual National Sc. Day, ie 28th February the most awaited and most interesting competition was held. That is IDP-2019. 🎉





IDP-2019

Industry Defined Problem Competition

ICT Mumbai has been conducting IDP for undergraduate chemical engg. students from various colleges. This is one of the most exciting and interesting activity. Industry persons define some problems and in a very short period the students team think, search, brain storm and suggest solutions. However, it is not possible for MARJ students to go to ICT Mumbai for this event since the academic calendars are quite different and also if at all we send team to Mumbai only 3 or 6 students can go. Hence it was thought that MARJ should start this at Jalna itself to enable all the students to participate. In order to increase the standard of solution offered and also for inclusive growth of other engg students, it was decided to make mixed teams of MARJ and Matsyodari Engg. College students.



The IDP competition was announced almost 6 weeks in advance. Shri Sharad Lahoti, Asso. Dean Industry and few teachers personally met industry technical officers to explain the concept. With many interactions and follow up 7 industries came forward with almost 20 problems. These were scrutinised and shortlisted 8 problems were announced on 20th Feb. 10 teams were formed by the students (MARJ ICT 39 and Matsyodari 14), one problem was selected by each team and had barely one week to decide the solution. Panel of judges included industry persons and teachers from MARJ and Matsyodari. Each team gave power point presentation for 15 minutes. Later the Judges grilled them on their solutions proposed to know how much they have studied the problem.

The final presentation round was conducted on 28th Feb the National Science Day. We thankfully acknowledge Mr Sunil Raithatha and Miss Divya Raithatha from Vinodrai Engineering, Mr Bhakkad from Metaroll Steels, and Mr Chechani from Polaad Steels, Prof Thakare and Prof Bhojar for sparing their valuable time. More details are given below in a nut shell.

IDP-2019 Problems given to Participants :

Sr	Particulars of problem	Best Presentation Award Winners
1	Design a hot air re-circulating blower for Rotational Moulding Machine. (V Belt drive, 2 Blowers, Furnace volume 20 M3, Temp 300 c, CFM should be 10 times the volume). For further details, visit Vinodrai Engineers, Dawalwadi Unit.	---
2	Advantages/ Disadvantages of use of Ester oil in Transformers (Distribution /Power /Furnace) Comparison on Costs / Life of oil / Environmental benefits / Safety Hazards etc parameters .”	Group-3 Vaidehi Patil, Gargi Patil, Madiha Shaikh, Akshat Bedmutha & Raunak Dayma.
3	“Value Addition for Safflower (Karadai) Seeds, by process improvements in oil extraction and oil cake utilization in Tel Ghana process .”	---
4	Problem Name :- Reducing Energy Consumption. “ How to save energy consumption, kWh per Ton of Liquid Steel Metal , in the Induction Furnace Route of steel production .”	---
5	Problem Name: Improving Furnace coil coating life :Problem Statement: Currently WHYT HEAT A SUPREME (white cement) by cladrys is used for coil coating. The life of the coil coating is around 4 months . Our aim is to come up with a new material which will have greater life(6 months) and higher efficiency.	Group -1 - : Sumit Shukla, Shahikiran Deglur, Farhan Shekh, Harsh Darji, Rohit Chaudhari & Bhavesh Dayma.
6	Reducing Evaporation Losses from cooling tower .	---
7	Reduce Phosphorous - Sulphur content in furnace .	---
8	Explosive detection system : Problem statement: Trucks carrying scrap contain propane cylinder or explosive or gas leaking cylinders. We need to develop a system which will detect the explosive from truck itself and warn about the danger. The scrap may contain closed containers , shock absorber	Team-1 : Vedant Kulkarni, Abhishek Mote, Smith Patil, Vedant Joshi, & Lekhraj Mahajan

The guest judges from industry gave their suggestions. They also explained the students as to what the industry looks for in IDP presentations.



It was a keenly contested competition where 53 students of ICT and MSS college took part. All students keenly attended the presentations, and enjoyed the questions and answers.

Chief Guest Mr Raithatha wished that the ICT- IDP be organised as a State Level competition, where participation form other engineering colleges and institutes can be invited . This will enable students to share knowledge and ideas of a vast young talents of entire state .

Lunch was arranged for all students and judges. Best presentation certificates were given to selected teams. Participation certificates were given to all.

ICT- IDP was a very well planned event . The judges from industry and the ICT & MSS faculty gave guidance and supported the teams in doing research and preparing presentations.

Before declaring names of winning teams all the judges gave their comments as well as valuable suggestions to the participants .

- * Meet the person who gave problem and discuss – some times he himself shows the path to solution
- * Economy is core to all industrial operations. Hence all research should also dovetail with this objective of economy and cost reduction.
- * Research should also aim to minimize complexity in operations.
- * Next year ICT, Jalna should conduct IDP for all engineering college students from Marathwada

*Best IDP
Presentation
team receiving
the certificate.*



*IDP
Presentation in
progress*



Concluding Function of National Science Day Week :

Concluding session of National Science Day Week was held on 8th March 2019. Chief Guest of the program was Dr Usha Zehr, Research Director of Mahyco Ltd.

Dr Usha Zehr addressed the students on the subject Science Today. She shared her experiences. She advised students to be always credible, ethical and constructive. She said every student should Do his Best in whatever he does.

Certificates to all the winners of IDP-2019, Sports-2019 and Quiz-2019 were distributed at the hands of Dr Usha Zehr, Director Mahyco Seeds, an acclaimed woman scientist from Jalna.



Visit by Prof G D Yadav and Get Together with UAA, Marathwada Chapter

Vice Chancellor Prof G D Yadav and Director Prof S S Lele, with UAA Team



Prof. G.D. Yadav, Vice Chancellor ICT Mumbai travelled to Jalna specially to attend the UAA get together arranged on 20th January 2019 at MARJ. Local Advisory Committee meeting was also organised on the same day to review the progress of MARJ campus and give valuable inputs. Prof. Yadav and other members

visited the labs, classroom and other facilities of the campus and expressed their satisfaction on the overall working of the campus.

The morning session has interactions with MARJ students, Alumni Members, faculty, staff and the Vice Chancellor. Prof. Yadav expressed his satisfaction on the In plant Training

Felicitations of Mr. Vishwanathan, Industrialist, Aurangabad



placements at MARJ. He said that the new Integrated M.Tech. program is moving as per the conceived plans. He further added that this is a unique opportunity for students to acquire multiple skills and varied practical knowledge in these 6 IPT placements during the 5 years program. He gave the example of how chemical engineers can become leaders in not only chemical industries but also

in software, telecom and other industries. He shared his vision of making MARJ an ideal incubation centre for the people of Marathwada and adjoining part of state. He showed his confidence that ICT MARJ will act as a catalyst in finding solutions for the various environmental, industrial and agrarian problems faced by the people in this region.

Some of these visionary thoughts were also debated during the LAC meeting leading to formation of Vision – Mission statements for ICT Marathwada Campus.

Shri G.D. Agrawal, President of UAA, Mr Ashish Mantri, Mr Vishwanathan, Mr. Kunal and few other members were present for the get together.

Mr Ashish Mantri, gave a spirited presentation on how ICT MARJ can catalyse the industrial research not only in Marathwada but entire Maharashtra state by offering its expertise through its knowledgeable faculty and students on one side, and the Members of Alumni Association on the other side. He said this Entrepreneurship Model can work wonders for the students. He advised students to take benefit of the mentorship of alumni and become successful entrepreneurs after completion of their Integrated M.Tech Course. He shared his dream of setting up of an Innovation Start-up Eco system at MARJ. He wants the students to be entrepreneurs / intrapreneurs. He ended saying that the idea of forming mentor groups of ICT Alumni, ICT Faculty and ICT Students, can work wonders for the region's start-up eco system.

Mr Ashwin, a young ICT Alumni from Aurangabad shared his research problems with students. He encouraged students to undertake research studies and get associated with local industry through IPT. Mr Vishwanathan, Industrialist from Aurangabad was present with his family members in this meeting. He gifted books for the MARJ Library. Prof. G.D. Yadav felicitated him appreciating his kind gesture.

In post lunch session, IPT students presented their research model of microprocessor based, multi-functional programmer. It can be programmed for light control, moisture control and can also be used for various other industrial applications. Some IPT students also shared their experiences in industry and the projects/problems assigned to them during their training.

The overall program was a grand success and the Vice Chancellor as well as the Alumni members were extremely pleased with the IPT students' performance and passion. 🎓



Seminars *arranged at ICT MARJ*

A large number of seminars were organized in MARJ in last 2 months span.



*Ms Shreyasi
& Ms
Lathika
with ICT
MARJ
students.
3rd January
2019*

The new year began with 2 students from ICT Mumbai (perusing M.Tech.) specially coming to Jalna to share their IPT experiences with MARJ students.

Sharing of experiences of My First Inplant Training : By Ms. Shreyasi & Ms. Lathika

ICT MARJ students first batch was placed for industrial training from 1st January 2019. These students are going to industry at a very young age and hence they are anxious as well as excited. They have lots of questions too. Hence ICT MARJ has arranged experience sharing seminars of ICT Mumbai M.Tech students who had freshly completed their in plant training. This will boost the confidence of students and they will know how IPT will boost their knowledge and experience.

On 3rd January 2019 , Ms Shreyasi Phatak, M.Tech student of ICT Mumbai shared her experiences of her first In Plant Training at Mumbai. She shared her presentation on her research on formulation of energy bar and its constituent components and various other parameters for its production.

She answered the queries of the students and also informed them how the IPT has transformed her personality and improved the knowledge sphere..

On 4th January 2019 , Ms Lathika, M.Tech student of ICT Mumbai presented her experiences first In Plant Training at AAK Kamani, Mumbai. She gave her presentation on her research project on formulation of blended edible oils and her study on its stability and nutrition properties. She also presented detailed information on types, properties, and nutrition value of different types of vegetable oils. She answered the queries of the students and also shared how IPT has made her more confident and helped her in learning how business are run.

All MARJ students learned a lot about IPT from the experiences of the ICT Mumbai seniors. Both these presentations were highly appreciated by all students. 🌱



Important Visits

1. Dr. Manoj Gawande

On 16th January 2019, Dr. Manoj Gawande, Associate Professor, RCATM Czech Republic, an ICT Alumnus, Ph.D, FRSC, Associate Professor, Regional Centre of Advanced Technologies and Materials, Czech Republic, gave an informative lecture to all students, on “Nanotechnology - Research and Latest developments”.

*Ms Shreyasi
& Ms
Lathika with
ICT MARJ
students.
16th January
2019*



2. Dr. Asim Maiti

*Dr Asim Maitii
at ICT MARJ
25th January
2019*



Dr. Asim Maiti, (Director, Sayandeep Analytical Instruments Pvt Ltd, Navi Mumbai), Ph.D. Molecular Spectroscopy (Fluorescence and Raman scattering), LACS, Kolkata) Post Doc : DAAD Fellow, University of Mainz, Germany and Post Doc at University of Windsor, Canada visited ICT MARJ on 25th January 2019.

He spoke on “Development in Raman Spectrometer since the Discovery of Raman Effect and Applications.” He shared the latest advancements in Raman

Spectrometer, and its latest applications in the present day scientific research and industrial applications. 🎓

3. Dr. Nagraj Rao

Dr. Rao
delivering the
lecture.
28th January
2019



Dr. Nagraj Rao, Ph.D. in Pharma Tech from UDCT, visited ICT MARJ on 28th January, 2019. He is ICT alumni, having over 30 yrs industrial and research experience in India and abroad. He is a first generation entrepreneur, M.D. of RRR Labs and Centec GmbH, Germany, and engaged in manufacturing in line highly sensitive sensors.

He gave an informative lecture to the students on the subject “Opportunities waiting for you in Pharma sector”. He informed that job opportunities are abundantly available in pharmaceutical industries in Manufacturing, R & D, Pharmaceutical Management, Regulatory Management, and Entrepreneurship. He said that Teaching and Research field tops in job satisfaction, and entrepreneurship comes next. He suggested that students should chose the career in the field which they like most. This will give them enormous job satisfaction with good career advancement. He also advised students to be “Honest with yourself.”

4. Ms. Sae Nikam

On 28 January 2019, Ms. Sae Nikam, B. Tech (Food Tech), currently doing M.Tech (Industry candidate) under Prof. S.S. Lele, gave her presentation. She is the first generation

women entrepreneur and Director – Sawarde Valley, Food Foundation, Chiplun .

She presented her Project 3 evaluation on the Topic Raw and Ripe Utilization of Jackfruit. It was an highly informative and educative program on the technology

for utilization of the jackfruit by processing it for manufacture of RTS juice, fruit wine and other processed food items.

She gave a detailed presentation on Quality and sensory analysis of fruit wines.

She shared a video presentation on manufacturing of fruit wines at SSF Chiplun.

She presented details on different types of wines, their properties , qualities and consumption . She gave detailed information on the quality parameters of wine, laboratory tests for testing of wine, sensory analysis of wine on sight, smell, colour & taste etc.

The presentation was followed by demonstration of sensory testing of different fruits wine samples. It was a good learning for all students.

5. Ms. Lubna Shaikh

Ms. Lubna Shaikh B.Tech (Food), M.Tech. (Food Biotech) under Prof. S.S Lele gave an informative presentation on High Pressure Processing of Foods. She explained the salient features of various technologies of processing of foods along with their advantages and shortcomings.

She also gave an informative presentation on Topic : Pomegranate Fruit Wine. She shared vital information on types of wines, manufacturing processes for strawberry wine and pomegranate wine, quality parameters, process parameters etc. Her studies on fruit wines was quite informative.

Sae Nikam
and Lubna
Shaikh.
28th January
2019



6. Dr Balasaheb Deshmukh


*Dr B K
Deshmukh
delivering the
lecture.
20th February
2019*



Dr B K Deshmukh, BKD Consultants, USA (Ex Dow Chemicals & Sigma (USA) visited ICT MARJ on 20th Feb 2019. He spoke on Latest Technologies on “Analysis of Functional Foods” He explained in detail the various technologies used in analysis of foods along with their advantages and limitations. He shared his practical experiences in industry. He also answered the queries of students.




7. Dr V.G.Habbu

Late Prof W.B. Achwal- Vice President Reliance Industries Ltd- Annual Oration Lecture was delivered on 20th Feb 2019, by Dr V.G. Habbu, Vice President Reliance Industries Ltd, on “The Sustainability of Polymeric Materials.” Dr Habbu has given lots of insights on future of Polymers in the world and problems and likely solutions. ICT MARJ students and Faculty attended the live video relay at Jalna. 

Academic Update



Dr. Ritika Joshi, a CSIR Fellow, has joined ICT MARJ as a Junior Scientist in Organic Chemistry. She was awarded RSC bronze medal from Royal Society of Chemistry, London in NFCFA 2015 at BITS Pilani, Goa Campus. She has published more than 15 international papers. 

About the Campus

CSR Activities Unnat Bharat Abhiyan

On January 16th, 2019, Prof S.S.Lele and team conducted hands on training on simple food processing and Entrepreneurship for small self help group members in Chiplun region. About 35 women from 12 different groups attended the training program.

Dr. Sandeep Bhairat and MARJ student volunteers teach mathematics to weak students from other educational institute to improve results.



▲ Hands on training on simple food processing and entrepreneurship

Campus Infrastructure

New Building work at Beej Sheetal Campus is under progress with 2 slabs and brick work completed. New building is expected to be ready by June-July 2019. New Sports ground at campus and Gym facilities are under operation and students are happily using the same. 🏡



Industrial Visits

Classroom Batch B (T₂)

On 2nd January, 19 students visited M/s Orient Polypack Pvt Ltd at Village RamMurti, Jalna. This unit manufactures HDPE/PP woven sacks for sugar, fertilizers, seeds and commodities. Promoters Mr Kabra, Mr Chechani and Mr Mundada welcomed all and have shown the various sections of their latest tape plant, circular looms, printing plant, bag making, lining and bailing sections of the unit. The students were served a sumptuous breakfast after the visit.

On 3rd January 2019, students visited Vikram Tea Plant at Village Borkhedi, Jalna. This is a modern tea processing and packaging unit. Mr Bhavesh Bhai Patel, Director and his team have shown their modern tea testing laboratory, tea blending and packaging plant to all. Students were explained the intricacies of the tea production and distribution activities. Students were served their popular tea.

Industrial Visit to Vikram Tea Unit at Borkhedi, Jalna.



On 20th January 2019, students visited Beej Sheetal Company for their open day exhibition. Dr Nandukumar and their Team welcomed Dr Lele Madam, & the accompanying faculty team. Students were taken through the vegetables, fruits and floriculture products exhibition, technology display and demonstration fields. Later students were taken to company's high tech seed processing plants and cold storage facilities. The visit was highly informative and students learned a lot about latest high tech seed production technologies.

Industrial visit to Approcopp Engineering MIDC Ph-II, Jalna.



Visit to Orient
Polypack
Pvt Ltd,
Rammurti,
Jalna.



Visit to Kalash
Seeds Jalna



On 4th January 2019, students visited M/s Approcopp Engineering & Approcool Aircon at MIDC Jalna. Mr Rathi, Director and Mr Maniyar, Plant Head welcomed all and took the students through their modern plants which manufactures copper pipe assemblies for air conditioners and condensers for air conditioners and other equipments. Students were given demonstration of all manufacturing, assembling and testing operations.

Sports Dhamaka

Sports Dhamaka was organized at ICT MARJ campus in February-2019 month. Prof Sandip Bhairat & Mr Majeed Jamkhani took great efforts in organising Cricket, Badminton, Volleyball and Kabaddi matches. Cricket players auction and team formation was meticulously executed by students.

Following students were winners in these events. Office staff also took part in these events.

1. Badminton :

Boys : Winner - Akshat Bedmutha , Runner up- Prasad Lakade

Girls : Winner - Gargi Patil , Runner up - Vaidehi Patil

2. Volleyball :

Winner Team : Kartik Ghate, Siddhant Unde, Prajwal Jadhav, Dhananjay Nagre, Atharva Jahagirdar, Vishnu Pradeep, Harshal Kasat.

3. Cricket :

Winner Team : Royal Strikers : Kartik Ghate, Yogesh Mhetre, Harshal Kavhale, Krutarth Pandit, Ameya Mantri, Rahul Vyas , Bhavesh Dayma, Arun Chaudhari.

Highest Runs Scorer : Prajwal Jadhav (Playboys Team)

Highest Wickets Taker : Shrenik Bakhda (Playboys Team)



*Cricket Match
Winners and
Runners*



Few glimpses of Sports Dhamaka : Volleyball



*Aerial View
of the cricket
match*

4. Kabaddi :

Winner Team : Shrenik Bakhda, Mrudav Raval, Ajay Patil, Abhishek Mote, Lekhraj Mahajan, Krutarth Pandit, Harshal Kavhale , Ali Asgar, Karan Sharma.





ICT Mumbai,
Marathwada Campus, Jalna

VISION

- To be a vibrant educational institute with innovative programs and research culture in the field of chemical and allied sciences

MISSION

- Produce trained engineers and problem solver research fellows
- Develop science and technologies of global standards having relevance to India as well as to local industry from Marathwada region
- Develop entrepreneurship and provide incubation centers for encouraging start-ups in Marathwada Region. Catalyse the process of generating wealth from knowledge creating bridge among industry, agriculture, environment and society

Site Visit at **Pushkarini Lake at Ambad, Jalna**



ICT MARJ students, under leadership of Prof P R Nemade, visited the historical Pushkarini Lake (Barav) at Ambad , Dist Jalna. This historical lake was a source of water for residents of Ambad. But now it is infested with weeds, algae and other waste materials. Local Rotary Club of Ambad requested ICT team to undertake the study of the lake water and suggest a plan for its revival by purification of its water. They wanted to restore this historical lake to its old glory. ICT MARJ students team under the guidance of Prof P R Nemade , have accepted this challenge and are going to submit an action plan to the local residents of Ambad. ICT team also agreed to fully support the restoration of this historical lake.

Republic Day Celebrations

26 January 2019

Director Prof S. S. Lele , Faculty members and students celebrated the Republic Day and joined Flag hoisting ceremony at Matsyodari Engineering College Jalna.

Cultural program was arranged by students in the ICT Auditorium. Students presented group dances, poems and patriotic songs.



Republic Day Function at

Jeevanrao Pare Vidyalaya

Chandanzira, Jalna



At Jeevanrao Pare Vidyalaya at Chandanzira

Prof SS Lele was the chief guest for the program at Jeevanrao Pare Vidyalaya in the Chandanzira locality of Jalna which is home to low income industrial workers of MIDC Jalna. The school is run for the children of industrial workers and have more than 800 students on its roll. Ma'am enlightened the students and parents on science and its role in development. Later on

prizes were distributed to the winners of various competitions held at the school.

Prof Lele delivered a lecture on "Innovative approaches on food security"

In state level Vidyan Mela of Rahat Shikshan Santha (for students and teachers) held at Modern College Vashi Navi Mumbai during 30 Dec - 2 Jan 2019