THE VICE-CHANCELLOR AND THE CHANCELLOR

ON BEHALF OF
THE BOARD OF MANAGEMENT OF ICT & UDCT ALUMNI ASSOCIATION (UAA)

CORDIALLY REQUEST THE PLEASURE OF YOUR COMPANY FOR
LAYING OF FOUNDATION STONE
OF

INSTITUTE OF CHEMICAL TECHNOLOGY MUMBAI
MARATHWADA CAMPUS JALNA

ON
FRIDAY, 4 MAY, 2018 AT 11.30 A.M.

BY
SHRI DEVENDRA FADNAVIS
HON’BLE CHIEF MINISTER, GOVERNMENT OF MAHARASHTRA

SHRI RAOSAHEB DANVE
HON’BLE MEMBER OF PARLIAMENT, JALNA
WILL BE THE GUEST OF HONOUR

SPECIAL INVITEES WILL BE

SHRI BABANRAO LONIKAR
Hon’ble Minister, Water Supply & Sanitation, Guardian Minister, Jalna

SHRI ARJUNRAO KHotKAR
Hon’ble Minister of State Animal Husbandry, Dairy Development & Fisheries Development

SHRI SANJAY JADHAV
Hon’ble Member of Parliament, Parbhani

SHRI VIKRAM KALE
Hon’ble MLC

SHRI SATISH CHAVAN
Hon’ble MLC

SHRI SUBHASH ZAMBAD
Hon’ble MLC

SHRI RAJESH TOPE
Hon’ble MLA

SHRI SANTOSH DANVE
Hon’ble MLA

SHRI NARAYAN KUCHE
Hon’ble MLA

SMT. SANGEETA GORANTYAL
Hon’ble President, Municipal Council, Jalna

SHRI ANIRUDDHA KHotKAR
Hon’ble President, Jilha Parishad, Jalna

VENUE : GAT NO. 132 AT VILLAGE SIRASWADI, TAL. JALNA, DIST. JALNA

Professor G.D. Yadav
Vice-Chancellor, ICT

Dr. R.A. Mashelkar
Chancellor, ICT
During the 80th Foundation Year of the ICT, the achievers who made truly outstanding contributions to the growth and glitter of the institute were honoured as The ICT Superstars.

November 24, 2012

Professor G. D. Yadav,
Vice Chancellor and R. T. Mody Distinguished Professor
J. C. Bose National Fellow (Govt. of India)
Historical Moment on 4th May 2018: 
*Foundation Stone Laying Ceremony for ICT Mumbai Marathwada Campus Jalna*

Today is a monumental day in the history of ICT Mumbai, its second campus outside Mumbai will be established officially in the presence of a galaxy of dignitaries, industrialists, faculty, alumni, students, support staff and well wishers. A historical perspective is needed for future generations to understand the significance of the Day. The Chamber of Marathwada Industries and Agriculture (CMIA) had approached the CM sometime in January 2016 that a sub-centre of ICT should be established in Marathwada region near Aurangabad in view of the relevant industries in that region. CMIA office bearer met the Vice Chancellor to find out his views and take it to higher authorities. This day would not have been possible but for the initial suggestion by Hon’ble Chief Minister of Maharashtra, Shri Devendra Fadnavis, who was the Chief Guest for the 5th Convocation of ICT in March 2016. During his speech the Vice Chancellor Professor G.D. Yadav requested him to allot land for ICT’s expansion near Mumbai, the CM asked him to explore the possibilities of having it in Marathwada region. The ball was set in and immediately after inspection of land near Aurangabad, followed by meetings with CMIA and UDCT Alumni Association Aurangabad Chapter, a proposal was made to the Government for establishment of Marathwada Centre. It was discussed and accepted by the Maharashtra Cabinet on 4th October, 2016 in the meeting held in Aurangabad. Thereafter, the Higher and Technical Education Department swung into action, and land of 203 was allotted at Siraswadi near Jalna and
The industrial growth of Marathwada needs high-quality manpower for petroleum, petrochemicals, polymer, pharmaceuticals, materials, food and allied industries.

We are immensely pleased to launch the Institute of Chemical Technology Mumbai- Marathwada Campus in the august presence of the Hon’ble Chief Minister of Maharashtra Shri. Devendra Fadanvis and Shri Raosaheb Danve, Hon’ble Member of Parliament, Jalna. The Campus will offer innovative programmes leading to integrated M. Tech. with alternate trimester in industry, Executive M. Tech. and Ph. D. degrees.

ICT Mumbai’s past record of 84 years, producing scores of world-renowned academics, 500+ celebrated entrepreneurs and 19 Padma awardees is a testimony of its standing among branded institutes. The overwhelming support of the Government of Maharashtra and all officials will make this new initiative a grand success and change the path of technical education. We dedicate this new campus to the nation with great planning, fervour and commitment.

This is a dream cum reality for ICT which would not have been possible but for the visionary leadership of Hon’ble Prime Minister Shri Narendra Modi and Hon’ble Chief Minister of Maharashtra Shri Devendra Fadanvis who saw the uniqueness of ICT and firmly believed that it should spread its wings beyond Mumbai for the benefit of the nation at large. It will catapult into industrial growth and generation of entrepreneurs.
After acquiring knowledge, if it’s not put to the use of society, the knowledge is of no use. We are one of the youngest nations or youthful nations in the entire world. And we will remain so; for the next 20 to 40 years. We will be able to provide the human resource to the entire world. And if the entire world economy is enriched and fueled by the Indian minds, brains, hands, our dream to be one of the developed countries in the world can be accomplished.

We have a lot of opportunities and challenges as well. On one hand, the agriculture sector needs a lot of innovation, it needs a lot of capital, a lot of efforts and initiatives. On the other hand, we need a lot of technologies to be infused in our cities, so that the lives of urban people can be scaled up.

Ultimately, if you really want to work on the challenges, the disruptive technologies is a solution where one single technology changes the life of people. This institute can produce so many alumni of which we can take pride of.

I would also like to request the Honourable Chancellor and Vice Chancellor that they should also look at creating such institutions elsewhere in Maharashtra.

- (Excerpt from the 5th Convocation speech, March 2016)

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**The ICT Brand**

Institute of Chemical Technology, Mumbai (ICT) is a World Class Deemed University having an elite status and Centre of Excellence on par with IITs/IISc/IISERs which was granted by the State Assembly on October 20, 2012; a unique distinction in history of India. ICT’s track record of 84 years is phenomenal. ICT is ranked among the best in India having the highest NAAC rank of A++ with CGPA of 3.77. It was declared at Category I institute by MHRD/UGC Notification (The Gazette of India dated Feb. 12, 2018;University Grants Commission [Categorisation of Universities (Only) for Grant of Graded Autonomy] Regulations, 2018. F. No. 1-8-2017(CPP-II)). On 3rd April, 2018, The National Institutional Ranking Framework (NIRF) of MHRD placed ICT at No.10 in Engineering, No. 4 in Pharmacy, No. 19 among Universities and No. 30 among all. In 2016 NIRF ICT was placed at No. 2 among Universities; the only state funded institute being recognized among all top 25 universities. The Web of Science, an international agency, showed in September 2016 that based on the normalized citation index, ICT was ranked number one, ahead of IISc and IITs, and central universities. In QS BRICS 2018 ranking, ICT secured 118th rank among all with 100/100 marks for research and innovation, along with IISc Bangalore and IIT-Delhi. Once again in the Scopus Survey April 2018, ICT is found to be the top most using the Weighted Average Citation Impact in the country.

**Establishment of ICT Mumbai IndianOil Odisha Bhubaneswar Campus**

On March 18, 2018 marked a unique milestone in the chequered history of 84 years of the Institute of Chemical Technology (ICT), Mumbai which crossed for the first time the confines the State of Maharashtra and entered the beautiful and benevolent State of Odisha. ICT is indeed fortunate that the launching of the
Chemistry plays a central role both in natural sciences and in knowledge. Without chemistry, many achievements we consider as very basic would not be recognized. It contributes to meet your needs and food and medication and clothing and shelter in energy and raw material. It supplies material for Physics. It makes models and substrates for biology and pharmacology. It is a science of matter and energy transformation.

Science education in our schools and colleges must be a major priority to train the researchers and discoverers tomorrow, to develop scientific spirit and attitude, it is my strong opinion that the scientist have first of all general responsibility to prove. Many of you must have heard about Leonardo da Vinchi. When he wrote, where nature finishes to produce own species, man begins using natural things. By this, I mean elements of the universe. Development of science is an irreversible process. We must walk the way from the conquest of knowledge to the control of our own destiny.

- (Excerpt from speech delivered while accepting D.Sc. (Hon. Causa))
With best compliments from

A S PACKWELL

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serving satisfactorily since year 2000
The initial investment for establishing the first phase in temporary campus is around Rs 100 Crore. ICT has applied to the State Govt. for 100 acres of land for setting up full-fledged campus with an approximate investment of Rs 500 Crore for establishing world class institute with latest facilities and equipment. The construction of this new campus will be started as soon as the land is allocated. IOC is committed to assist ICT in this regard. Number of students to be trained in this institute after setting up will be around 2000 students including graduates, M.Tech.s and PhDs. Highly accomplished faculty will be recruited including superannuated scientists and engineers from industry. The manpower being trained in this institute will cater to chemical, energy, materials and bio-tech industries including sectors of petrochemicals, textile, pharmaceutical, food & food processing industries, etc. for industries in Eastern Region. The first academic session of the maiden programme of the IOC-ICT campus is staring from this academic session.

85th Foundation Day Celebration
On the occasion of the celebration of ICT’s Foundation Day, October 1, which was held on October 7, 2017, Hon’ble Shri Dharmendra Pradhan, Union Minister for Petroleum & Natural Gas, Skill Development and Entrepreneurship was the Chief Guest, who had the opportunity to visit some of the laboratories and research centres and to interact with faculty, students and alumni, and listen to the impeccable accomplishments. He greatly appreciated the importance of ICT in creating national wealth, intellectual property, development of high quality human resource, generation of new knowledge, technology transfer, and skill development in areas related to ICT’s core strength, which have been grossly overlooked. He was highly impressed and during his address Hon’ble Minister

Dr R.A. Mashelkar
(Chancellor,
Institute of Chemical Technology)

Today is a momentous day for ICT. As an alumnus, I feel even prouder to see my alma mater spreading its wings beyond Mumbai (and hopefully beyond India in time to come) for the first time since it’s birth in 1933.

ICT has its own brand having produced 19 Padma awardees and some of the greatest global achievers in academia and industry. I salute the grand vision of our Chief Minister Shri Devendra Fadnavis. The unique support by the Government of Maharashtra to make this happen is unparalleled.

We promise to offer world class innovative programmes. We will also create a unique innovation hub for inclusive growth of higher education and industry in Marathwada. As Chancellor of ICT, I feel, this is the greatest achievement and the proudest moment in our history.
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emphasized the need to replicate the brand ICT in Eastern India and advised ICT to explore possibilities and potential for the benefit of the nation. He specifically mentioned that ICT should produce tomorrow’s Mukesh Ambanis and Mashelkars and the likes in the interest of India at large.

**Petrochemicals Investors Conclave**

Petrochemicals Investors Conclave was organized by IOC in Bhubaneswar during 15-16 November for which ICT Mumbai was chosen as the academic partner. The executives of all oil PSUs and Govt. secretaries from Oil and Natural Gas, Chemicals and Fertilizers and Skill Developments were present along with Hon’ble Shri Dharmendra Pradhan and Odisha State ministers. On 16th November, 2017, the Vice Chancellor of ICT Mumbai made a presentation on future of petrochemical, polymer, textiles and allied industries in India in the context of global scenario and the need for creation centre of excellence and human resource development in Odisha. He stressed upon the need of having brand ICT in Odisha in view of acute shortage of trained manpower for energy and petrochemical sector. An umbrella MOU was signed between IOC and ICT Mumbai for establishing ICT Mumbai campus in Odisha and for supporting research and innovation in all sectors related to refinery, petrochemicals and post-processing.

**Genesis, Growth and Glamour**

Having been established as the University Department of Chemical Technology (popularly called UDCT during yesteryears) by the University of Bombay (now Mumbai), on October 1, 1933 by the desire of government, industry and philanthropists, the Institute of Chemical Technology (ICT) Mumbai has made the India proud by having on its roll distinguished alumni, be they industrialists, bureaucrats, academicians, social workers, freedom fighters, who have come from all strata of society - the rich, the poor, the marginal, the socially disadvantaged and the underprivileged, from across the country. To its credit, ICT has so far produced 19 Padma awardees: 3 Padma Vibhushan, 8 Padma Bhushan and 8 Padmashri; a few billionaire industrialists among 500+ first generation entrepreneurs, topmost science and engineering bureaucrats, and brilliant academicians who have served the nation in various policy making committees and won many international honours and prestigious fellowships. Some of them are well known to the masses – Shri Mukesh D. Ambani, CMD, Reliance Industries, Padma Vibhushan Dr R.A. Mashelkar (former DG, CSIR), Padma Vibhushan Prof M.M. Sharma (former Director, UDCT/ICT), Padma Vibhushan Dr Homi Sethna (former Chairman, AEC), Padmashri Dr K.H. Gharda (CMD, Gharda Chemicals), Padma Bhushan Dr. K. Anji Reddy (Founder CMD, Dr Reddy’s Laboratory, Hyderabad), Padma Bushan Dr A.V. Ramaraao (former Director, CSIR-IICT etc.,) who have contributed significantly to the development of chemical technology and industries in India.
The University Department of Chemical Technology (UDCT) now the Institute of Chemical Technology (ICT), deemed university, was established as early as 1933 by the uncommon initiatives of the industrialists and philanthropists with very generous financial support via endowments of fairly large magnitudes. The ICT pioneered research from the very beginning, with an outstanding Library, which also now has its own endowments to partially support activities, with heavy emphasis on teaching, scholarly writing, and live connections with industry. Indeed the ICT is considered a role model for very active and rewarding interactions with industry. The ICT has an enviable record of graduating PhD's per faculty member.

It is most gratifying that the foundation stone of ICT Mumbai Marathwada Campus at Jalna is being layed by the hands of the Chief Minister of Maharashtra Shri Devendra Fadnavis.

I wish this most unusual, uncommon, but, exciting innovative endeavour, great success.
Over the past several years, I have the opportunity to learn the progress of Indian chemistry. It appears that India is going through a big transition and growth in the development of chemistry and chemical engineering. As academic scientists, we are entering a new world where the opportunity to be involved in translation of fundamental research and commercial products is not only possible but it’s really encouraged. This close interaction between academia and commercial science and technology is very rewarding. For those who are not going to go into academia, very exciting jobs are opening into startups and lots of new enterprises may provide many many job opportunities. The possibilities today allow to work in wide range of fields from basic science to design and synthesise the material for medical devices. It is upto you and your creativity, hard work to be able to push this field of chemistry and chemical engineering to new heights.

- (Excerpt from speech delivered while accepting D.Sc. (Hon. Causa))

The MHRD declared the National Institutional Ranking Framework NIRF rankings in 9 various categories. In the engineering category ICT Mumbai is ranked 10th and in Pharmacy it is 4th ranked. It is the only institute from Maharashtra to have figured in two different categories and is in top 10. The number of students, number of faculty members and overall funding and the research and innovation, publicity perception are considered. ICT is much smaller than all big centrally funded institutes and universities but per capita productivity of ICT is number one.

Recognition by Central and State Governments
ICT’s standing and contribution to nation building has been recognised since beginning by the Union Govt. from time to time including visits by the First Prime Minister Pt. Jawaharlal Nehru and Chief Minister, Maharshtra Shri Y.B. Chavan (1959), Shri Prithviraj Chavan, MoS PMO and MoSfor Science, Technology and Earth Sciences (May 15, 2010) and Chief Minister (March 7, 2012), Shri Sriknat Jena, Minister for Chemicals and Fertilisers (May 11, 2011), Shri Pranab Mukherjee, President of India (Dec 27, 2013), Shri Devendra Fadanvis, Chief Minister, Maharshtra (March 2016), Shri Suresh Prabhu, Railway Minister (Oct 2016), Shri Ch. M. Vidyasagar Rao, Governor Maharshtra (Feb. 2017),
and Shri Dharmendra Pradhan, (Oct 2017). All of them have witnessed how a small State funded institute has carved a place for itself among leading institutions of national importance.

**ICT Connectivity with Industry**

The role of industry in promoting education and research at ICT has its roots in its foundation. Leading magnates from textile and chemicals industry and philanthropists donated funds to establish professor's positions and laboratories right from beginning and research started from the inception keeping faculty engaged in development of industry. It is matter of pride that the very first position created through endowment is R.T. Mody Distinguished Professor which the current Vice Chancellor occupies. Faculty used to offer free consultation to industry for its growth and many new industries were started by ICT graduates.

ICT has been closely working with industry ever since and government in the interest of the nation and currently have active MOUs with many national and international renowned universities in USA, Canada, UK, Germany, France, Australia, Finland, Spain, and foreign such as Mitsubishi, Huntsman, Unilever, Biorad, Coka Cola, Pepsico, Reliance, etc. (www.ictmumbai.edu.in). Bestowed with numerous awards and accolades, ICT has created a niche for translational research and technology development and transfer. ICT is not only a Chemical Engineering and Chemical Technology institute, dealing with all sub-sector, but also deals with Biological Sciences and Engineering, Materials and Energy Engineering.

**Why ICT is in Marathwada?**

India's economy is mainly agriculture based which is in transition towards industry based economy and the ultimate aim of the Indian economy is to become Knowledge Based Economy (KEB). The economy of Maharashtra is one of the fastest growing economies amongst various States in India. According to current economic survey, gross state domestic product (GSDP) is expected to grow at around 8.5% during current fiscal year. Education is the key enabler of economy of any State; in particular, higher technical education along with related research and innovation. In order to develop any State as preferred destination for industrial services, R&D, it is necessary to invest in training high-quality manpower and develop indigenous technology. This shall enable the State to seize the emerging opportunity and ensure a rate of satisfactory growth.

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**Professor Ryoji Noyori**

Noble Laureate, Professor, Nagoya University Japan

Scientific research is a long, endless journey of knowledge, but it is not the destination that is important. Rather, it is more meaningful to have many and diverse encounters along the way. Outstanding research fosters talented people and contributes to society. This is the value of scientific research.

Chemistry is limitless. While young people are full of curiosity, they tend to lose sight of their objectives. Eventually, I developed a keen interest in the handedness in chemistry, in what is known as molecular chirality. Numerous organic compounds have left and right chirality with the same chemical formula, and these are known as enantiomers. Notably, life depends on chirality. Because enantiomers can evince very different biological phenomena, this has profound implications for scientific research and industrial technology related to pharmaceuticals, agrochemicals, fragrances, and flavors. Thus the practical acquisition of pure enantiomers is essential. It was our task to make this difficult process possible.

- (Excerpt from speech delivered while accepting D.Sc. (Hon. Causa) on 23rd Feb. 2018)
Landmark Moment in development of Marathwada Region

Bhumipujan of World renowned Chemical Technology Institute at Jalna in Marathwada

INSTITUTE OF CHEMICAL TECHNOLOGY, MUMBAI
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Programmes to be run at ICT Mumbai Marathwada Campus Jalna

Integrated M. Tech. after 12th Standard (HSSC) of 5 years duration consisting of 15 trimesters with alternate term in industry, with major in Chemical Engineering and minor in 6 different disciplines. To ensure improved quality and industry relevance in curricula development for integrated M. Tech. (6 trimesters in industry and 9 in institute) in the field of Chemical Engineering as major branch with minor

(i) Petrochemicals  
(ii) Foods Engineering & Technology,  
(iii) Pharmaceuticals Engineering,  
(iv) Lipid Technology  
(v) Polymers and Materials Engineering&Technology  
(vi) Speciality Molecules Engineering  
(vii) Energy Engineering

DIRECTORS OF ICT AND THEIR TENURES

1. Sir V. N. Chandavarkar  
   Vice-Chancellor and Founder of UDCT  
   1933 – 1939

2. Dr. R.B. Forster  
   Oct 1933 to Oct 1938

3. Professor K. Venkatraman  
   Oct 1938 to Aug 1957

4. Professor G.M. Nabar  
   Aug 1957 to Jun 1969

5. Professor J. G. Kane  
   Jul 1969 to Sep 1971

6. Professor E.H. Daruwalla  
   Sep 1971 to Oct 1983

7. Professor D. V. Rege  
   Nov 1983 to Oct 16, 1986

8. Professor S.P. Potnis  
   Oct 17, 1986 to Aug 31, 1989

9. Professor M. M. Sharma  
   Sept 1, 1989 to Apr 30, 1997

10. Professor S.B. Chandalia  
    May 1, 1997 to Apr 30, 1998

11. Professor T.K. Venkatesan  
    May 1, 1998 to Oct 31, 1999

12. Professor J. B. Joshi  
    Nov 1, 1999 to May 28, 2009

13. Professor G.D. Yadav  
    Director from May 29, 2009 to Apr 2010, and thereafter as Founding Vice Chancellor till date
Planned Centres of Excellence in Different Areas to be Spread on Three Campuses

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2. Centre for Crystallization, Filtration and Drying
3. Centre for Eco-friendly Plastic Processing and Recycling
4. Centre for Food Processing and Quality Assurance
5. Centre for Green Technology
6. Centre for Herbal Technology and Natural Products
7. Centre for Interfacial Science and Engineering
8. Centre for Metabolic and Genetic Engineering
9. Centre for Nano Drug Delivery
10. Centre for Process Intensification and Innovation
11. Centre for Product Engineering
12. Centre for Promotion of Science and Technology
13. Centre for Risk and Hazard Management in Process Industries
14. Centre for Sustainable Energy Engineering
15. Centre for Sustainable Fertilizer Technology
16. Centre for Undergraduate Research In Engineering (CURIE)
17. Centre for Drug Discovery Engineering
18. Centre for Fibres and Textile Engineering
19. Centre for Infectious Disease Control and Prevention
20. Information Processing Centre
21. Centre for Water Research
22. Centre of Toxicological Studies
23. Entrepreneurship Resource Centre
24. Internal Quality Assurance Cell
25. Centre for Translational Research
26. Technology Transfer Cell
27. Technology Incubation Centre
28. Centre for Mathematical Sciences
29. Centre for Functional fluids and Tribology
30. Centre for Home and personal care Products
31. Advance Graphene Research Centre
32. Centre for Technology Forecasting and Public Awareness
Compliments on the occasion of laying the foundation stone of the ICT, Mumbai Marathwada off-Campus Centre, Jalna on 04th May 2018.

Institute of Chemical Technology through its high quality research and teaching as well as deep industry engagement has established itself as a top chemical engineering university of high global standing. The institute has been pursuing research on problems of key national importance in areas such as value added chemicals, energy, biotechnology, pharmaceuticals and others. Several industries in these domains have benefitted from research at ICT apart from the contributions made by its students and faculty. DAE research institutions e.g. BARC and IGCAR have been collaborating with ICT for over 15 years on large number of challenging projects.

Indian Oil Corporation, has already helped ICT for its campus in Bhubneswar, Odisha.

The encouragement by the Government of Maharashtra to establish Marathwada capus at Jalna will clearly boost technology led growth of education and knowledge led growth of this region.

My best wishes to this endeavour.

Dr Anil Kakodkar
Former Chairman, Atomic Energy Commission, Chairman, Rajiv Gandhi Science & Technology Commission, GoM Chairman, Technology Information, Forecasting & Assessment Council

1. Integrated M. Tech. after 12th Standard (HSSC) of 5 years duration consisting of 15 trimesters with alternate term in industry, with major in Chemical Engineering and minor in 6 different disciplines. To ensure improved quality and industry relevance in curricula development for integrated M. Tech. (6 trimesters in industry and 9 in institute) in the field of Chemical Engineering as major branch with minor in Petrochemicals, Polymers and Materials, Lipids, Foods and Pharmaceuticals, and Energy Engineering. The last two trimesters will be for promotion of experimental and design project to promote entrepreneurship and start-up companies.

2. Executive M. Tech. (6 trimesters, 2 years, alternate trimester in classroom) for industrial personnel

3. Ph. D. programmes in various disciplines.

4. Centre of Excellence in Research and Innovation.

All these programmes are new and being introduced in India for the first time. During the industrial internship the student will receive stipend from industry making the education affordable to one and all. The campus will be equipped modern equipment for carrying out high class research and innovation at Centres of Excellence to develop technology and to support Research & Development in industry and Skill Development in Chemical Engineering, Petrochemicals, Textiles, Polymers, Pharmaceuticals, Energy, etc.
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Avinash Deshmukh (M.Sc. Tech.-1982)

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email: priyapolymer70@gmail.com, gulati.ranjeet@gmail.com
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उत्कर्ष तुळ्णा जललोग तुळ्णा
संघर्ष नको संहार नको
संदेश तुळ्णा उपदेश असे
रसायन देविके श्री रसायन देविके || 1 ||

विज्ञानाची एकं भाषा
विज्ञानाच्या दाही दिशा
नकोत सीमा विज्ञानाच्या
जैव रसायन मीलना
दे ध्यास हा मतिवधिने
रसायन देविके श्री रसायन देविके || 2 ||

नको प्रदूषित भूजलवायु
विपुल अन्न अन्न उदंद आयु
रोग नको अन्न नको तुटीही
अरंड ऊर्जा निर्मळ पाणी
अक्षर हसिते जगन्माते
रसायन देविके श्री रसायन देविके || 3 ||

मूर्तिमंत तू कीर्तिरक्षके
जगन्मान्य तू महन्मंगले
अभिंद्री अनु रत्नपारिखे
शतप्रत्याम हो तुज नायिके
नवक्षितजे तव चेतन ही
रसायन देविके श्री रसायन देविके || 4 ||

गणनश्री तणतणश्री
जैवशिवश्री सृष्टिदारिके
रसायन देविके श्री रसायन देविके
वंदू गणनायिके श्री रसायन देविके || 5 ||

कवी : प्राध्यापक डॉ. जी. डी. यादव
दिनांक २७ फेब्रुवारी २०१२
कुलपुरू, रसायन तंत्रज्ञान संस्था
(प्रथम दीक्षांत समारंभ दिनी प्रकाशित दिनांक ६ मार्च, २०१२)
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DISTINGUISHED ALUMNI

PROFESSOR ROSHAN SHISHOO
B.Sc. (Tech) Textiles 1960, Director, Shishoo Consulting

PROFESSOR C J K HENRY
B.Sc. (Tech) Foods 1977, Director, Functional Food Center and Professor of Nutrition, Oxford Brookes University, UK

MR. N J DESHMUKH
M.Pharm., 1989, Founding Member, Head of Private Equity Chief Executive Officer, Ketan Private Equity

MR. S P MALI
B.Chem. Eng. 1975, Technical Director, Arch Pharma

MR. P P SHAH
B.Chem. Eng. 1977, Regional Director, UOP

MR. A. D. INGROLE
B.Chem. Eng. 1977, Technical Director, Mewah Oils, Malaysia

DR. R. S. SARDESAI
B.Chem. Eng. 1975 Vice President, Avery Dennison

MR. B. S. MODY
B.Sc. (Tech) Pharma 1980 Director, J.B. Chemicals & Pharmaceuticals Ltd

MR. EDWARD MENEZES
B. Chem. Eng. 1962, Co-Founder, Resear Biotech Ltd

MR. S. S. SARNA
B.Sc (Tech) Dyes 1978 Founder, Sarna Chemicals

LATE SHRI. PANDIT SHRIKRISHNA (BANANAO) HALDANKAR
B.Sc (Tech) Dyestuff 1954 Music Composer

MR. ULHAS M. DEVAL
M.Chem. Eng. 1979 Managing Director, Ashu Organics India Pvt Ltd

MR. SANJAY S. GAIKWAD
B.Chem. Eng. 1987, Managing Director, Viable Group

MR. CHAITANYA S. JOSHI
B.Sc (Tech) Textiles 1993, President, C Tech Group

MR. ASHISH O. MANTRI

MR. PRASAD P. MANTRI
B.Chem. Eng. 2000, Managing Director, Manus Metals Pvt Ltd

MR. VINOD K. MEHRA
B.Sc (Tech) Paints 1972, Director, Anupam Colours Pvt Ltd

MRS. PRATIBHA S. PILGAONKA
B.Sc (Tech) Pharma 1976, CEO, Rubicon Research Pvt Ltd

MR. SUDHIR D. PILGAONKAR
B.B.Sc (Tech) Pharma 1976, CEO, Rubicon Research Pvt Ltd

MR. MAHARUKH T. RUSTOMJEE
M. Pharm 1984, Director, Rubicon Research Pvt Ltd

MR. RAKESH BAMBHAI
B.Chem. Eng. 1989 Managing Director & CEO, Mylan Laboratories Ltd

MR. SIDDHARTH A. SIKCHI
B.Tech Dyes 2003, Director, Clean Science & Technology Pvt Ltd

MR. VIBHU M. SHARMA
B.Chem. Eng. 1994, CEO, Ingenious Inc

MR. SUNIL M. VANARASE
B.Chem. Eng. 1968, Vanusum Industries

MR. SHYAMSUNDER BANG
M.Chem. Eng. 1973, Executive Director, Jubilant Life Sciences Ltd

MRS. MAHARUKH T. RUSTOMJEE
M. Pharm 1984, Director, Rubicon Research Pvt Ltd

PROF. SHEKHAR S. GARDE
B.Chem. Eng. 1992, Dean, Rensselaer Polytechnic Institute

DISTINGUISHED ALUMNI
With best compliments from

Ashok C Iodha

Aaisland Chemical Company

1303 shreepati arcade. Nana chowk
A k Marg, Mumbai 400036
Tel 022 23880883
Fax 022 23887800
E mail : aaisland_lodha@yahoo.co.in

With best compliments from

Ad-Pharmachem (P) Ltd.

MIDC Waluj, Aurangabad,
Manufacturers of Fine Chemicals
<table>
<thead>
<tr>
<th>Position</th>
<th>Name</th>
<th>Designations/ Roles</th>
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<tbody>
<tr>
<td>Chancellor</td>
<td>Dr. R. A. Mashelkar</td>
<td>FTWAS, FNA, FASc, FNASC, FNAE, CH,E, FIChEME (UK), FICHE, FMASC, FIIChE</td>
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<td></td>
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<td>CSIR Bhatnagar Fellow and President Global Research Alliance</td>
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<td>Former Director General CSIR and Secretary, DSIR, GOI</td>
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<td>Padmavibhushan Awardee</td>
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<tr>
<td>Vice-Chancellor, Chairperson</td>
<td>Professor G. D. Yadav</td>
<td>FTWAS, FNA, FASc, FNASC, FNAE, FISTE, FRSRC (UK), CH,E, FIChEME (UK), FICHE, FICHE, FICS, FMASC, FIIChE</td>
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<td>R.T. Mody Distinguished Professor; J.C. Bose National Fellow (DST-GOI)</td>
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<td>Padmashri Awardee</td>
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<tr>
<td>Chancellor’s Nominee</td>
<td>Mrs. Sandra Shroff</td>
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<td>Managing Director, United Phosphorous Ltd.</td>
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<td>Principal Secretary</td>
<td>Shri Sitaram Kunte, IAS</td>
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<td>Ministry for Higher and Technical Education, Government of Maharashtra</td>
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<tr>
<td>Member</td>
<td>Shri Nikhil Meswani</td>
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<td>Distinguished Alumni, Executive Director, Reliance Industries Ltd.</td>
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<tr>
<td>Member</td>
<td>Shri S.M. Mokashi</td>
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<td>Distinguished Alumni, Mumbai</td>
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<tr>
<td>Member</td>
<td>Shri M. B. Parekh</td>
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<td>Distinguished Alumni, Chairman and Managing Director, Pidilite Industries Ltd.</td>
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<td>Member</td>
<td>Shri C. V. Gogri</td>
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<td>Distinguished Alumni, Chairman Emeritus, Aarti Industries Ltd.</td>
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<tr>
<td>Member</td>
<td>Professor Devang Khakhar, FNA, FASc, FNASC, FNAE</td>
<td>Member- Head of Academic Institute/ Organization of National Importance having International Standing</td>
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<tr>
<td></td>
<td></td>
<td>Director, Indian Institute of Technology - Bombay, Mumbai</td>
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<tr>
<td>Member</td>
<td>Professor U. Shekhar</td>
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<td>Nominated by the Board, Eminent Industrialist, Chairman, Galaxy Surfactants Ltd.</td>
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<td>Member</td>
<td>Professor P. R. Vavia</td>
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<td></td>
<td>Dean (Academic Programme) Department of Pharmaceutical Science and Technology, Institute of Chemical Technology, Mumbai</td>
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<tr>
<td>Member</td>
<td>Professor A. B. Pandit, FTWAS, FNA, FASc, FNASC, FMASC, FIIChE</td>
<td>Member, Dean-Human Resource Development Department of Chemical Engineering Institute of Chemical Technology, Mumbai</td>
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<tr>
<td>Member</td>
<td>Professor S. D. Samant</td>
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<td>Member, Senior Most Professor, Department of Chemistry, Institute of Chemical Technology, Mumbai</td>
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<tr>
<td>Member</td>
<td>Professor (Smt.) S. S. Lele</td>
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<td></td>
<td>Member Secretary, Registrar, Department of Food Engineering and Technology Institute of Chemical Technology, Mumbai</td>
</tr>
</tbody>
</table>
ICT’S PADMA AWARDEES

Dr. HOMI SETHNA
1975 1959
PADMA
VIBHUSHAN
Chairman,
Atomic
Energy,
Commission

PROF. M M SHARMA
2001
PADMA
VIBHUSHAN
Former
Director,
UDCT/ICT

DR. R A MASHELKAR
2014
PADMA
VIBHUSHAN
National
Professor,
Chancellor,
ICT

PROF. K VENKATARAMAN
1961
PADMA BHUSHAN
Director,
National
Chemical
Laboratory,
Pune
and
Former
Director,
UDCT

PROF. B D TILAK
1972
PADMA BHUSHAN
Director,
National
Chemical
Laboratory,
Pune
and
Former
Professor
of
Dyestuff
Technology,
UDCT

PROF. A SREENIVASAN
1974
PADMA BHUSHAN
Former
Head &
Professor
of
Food
Technology &
Director,
CFTRI,
Mysore

DR. K ANJI REDDY
2011
PADMA BHUSHAN
Chairman,
Dr
Reddy’s
Laboratory,
Hyderabad

PROF. J B JOSHI
2014
PADMA BHUSHAN
Former
Director,
UDCT
J. C. Bose
National
Fellow

DR. A V RAMARAO
2016
PADMA BHUSHAN
Chairman,
AVRA
Labs
and
Former
Director,
ICT,
Hyderabad

DR. A V RAMARAO
1968
PADMA SHRI
Former
Director,
UDCT

DR. G P KANE
1991
PADMA SHRI
Director,
ICT,
Hyderabad

DR. NITYA ANAND
2012
PADMA SHRI
Former
Director,
CDRI,
Lucknow

DR. NITYA ANAND
EN.A.

DR. K H GHARDA
2016
PADMA SHRI
Chairman &
Managing
Director,
Gharda
Chemicals
Ltd

DR. K H GHARDA
EN.A.

PROF. G D YADAV
2016
PADMA SHRI
Vice
Chancellor &
R T Modi
Distinguished
Professor,
ICT
J. C. Bose
National
Fellow

PROF. G D YADAV
EN.A.,
E.I.W.A.S.

THE HIGHEST CIVILIAN HONOURS CONFERRED BY THE PRESIDENT OF INDIA ON THE OCCASION OF REPUBLIC DAY - 26th JANUARY
श्रीहरी
A SUPER FEED

गौ-धारा
SARKI PEND

भक्ति गोल्ड
SARKI PEND

protein - 25%
Fat - 11%

उच्च गुणवत्ता युक्त भरपूर तुधाची हमी

PROTEIN - 30%
FAT - 10%
TDN - 85%

Protein - 25%
Fat - 12%

द्वारा उत्पादित
अभय न्यूट्रीशन प्राव.लि.
जालना

Gut No.84, Gundewadi, Bhokardan Road, Jalna – 431203
Phone: 02482-229 306
Email: info@abhaynutrition.com, ashish.m@abhaynutrition.com