

University Institute of Chemical Technology

***Annual Report
(2018-19)***

**Kavayitri Bahinabai Chaudhari
North Maharashtra University, Jalgaon**

Post Box number-80, Umavinagar, Jalgaon - 425 001

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Vision of the Institution

‘To develop knowledge-based society by imparting creative and innovative quality technical education through excellence in teaching, research and extension.’

Mission of the Institution

‘To provide quality education in conducive environment in order to engender world-class technocrats and scientists for the betterment of society’

University Institute of Chemical Technology

UICT (University Institute of Chemical Technology) of Kavayitri Bahinabai Chaudhari North Maharashtra University, founded in the year 1994 (formerly known as University Department of Chemical Technology), caters to the academic, research, technical and entrepreneurial needs in the field of Plastics/Paint/Oil/Food and Chemical Engineering and has now established itself as centre of academic excellence. **Prof. J. B. Naik** is heading the Institute. The Institute offers AICTE recognized Bachelor of Technology (B. Tech.) and Master of Technology (M. Tech.) degree courses and pursues Ph. D. Research Programme in Chemical Engineering and Technology, Chemistry and Environmental Sciences. The curricula of all the courses are designed as per the emerging requirement of Industries.

UICT, KBC North Maharashtra University, Jalgaon was established to cater the technological needs in the field of Plastic Technology, Paint Technology, Oil Technology, Food Technology and in Chemical Engineering of the Khandesh region as well as Maharashtra. The Institute has well qualified faculty, grand building, rich Departmental library and well equipped laboratories, Sophisticated Instrumentation Centre (including instruments like FESEM, AFM, XRD, Zeta-sizer, AES, DSC, TGA, GPC, FTIR, GC etc.), Computer Centre, full-fledged Engineering Workshop. The Institute has received research project grants from various agencies like DST, CSIR, DRDO, BARC, INSA, BRNS, UGC, AICTE, ISTRO etc. and been covered under NON-SAP & SAP Scheme and FIST Scheme of DST and TEQIP-II by MHRD, Govt. of India and World Bank.

UG & PG COURSES & INTAKE CAPACITY

[Year of Commencement]

Sr. No.	Name of the Department	Year of Start	Intake
1	Chemical Engineering	1995 2006	UG-60 PG-18
2	Plastics Technology	1996	UG-15
3	Paints Technology	1996 2011	UG-15 PG-18
4	Oil, Fats & Waxes Technology	1996 2009	UG-15 PG-18
5	Food Technology	1996 2011	UG-15 PG-18
7	Polymer Technology	2007	PG-18
8	Nano Science & Technology	2008	PG-18
10	Pharmaceutical Chemistry and Technology	2009	PG-18

FACULTY IN INSTITUTE (Regular)

Sr. No.	Name of the Faculty	Designation	Qualification	Specialization	Experience (Yrs.)
1.	Prof. J. B. Naik	Professor & Director	Ph.D.	Chemical Technology	22
2.	Prof. S. Mishra	UGC BSR Faculty	Ph. D.	Chem Tech	36

3.	Prof G. A. Usmani	Professor & Head Oil Tech	Ph.D. (Tech)	Oil Tech	30
4.	Mr. S. A. Raut	Associate Professor	M.Tech .	Chem Engg	33
5.	Dr. A. K. Goswami	Asso. Professor & I/C Head Pharma Tech	M.Tech . Ph.D.	Chem Tech	23
6.	Dr. R. S. Sirsam	Asso. Professor & I/C Head Nano Tech	M.Tech , Ph.D.	Chem Engg	16
7.	Dr. R.P. Gore	Asso. Professor & I/C Head Gen Engg	M.Sc., Ph.D., SET	Organic Chem	21
8.	Dr. V. R. Parate	Asst. Professor & I/C Head Food Tech	M.E., Ph.D.	Food Tech	20

FACULTY IN INSTITUTE (Contract-Govt. Fund)

Sr. No.	Name of the Faculty	Designation	Qualification	Specialization	Experience (Yrs.)
1	Dr. Sujata R. Shinde	Asst. Professor	M.Sc., M. Phil., Ph.D.	Physics	15
2	Dr. Hansraj V. Patil	Asst. Professor	M.Tech, Ph.D.	Chem Tech & Oil Tech	12
3	Dr. Nilesh P. Patil	Asst. Professor	M.Tech., Ph.D.	Chem Engg	10

4	Mr. Swapnil P. Wani	Asst. Professor	M.Sc., NET Ph.D. Pursuing	Computational Mathematics	7
5	Dr. Rahul R. Mahire	Asst. Professor	M.Sc., Ph.D., SET	Organic Chemistry	4

FACULTY IN INSTITUTE (Contract- University Fund)

Sr. No.	Name of the Faculty	Designation	Qualification	Specialization	Experience (Yrs.)
1	Dr. M L. Bari	Asst. Professor	M. Tech, Ph. D	Chem Engg	12
2	Ms. G.B. Lomate	Asst. Professor	M. Tech., Ph.D. Pursuing	Nano Sci. & Tech.	10
3	Dr. N.S. Kulkarni	Asst. Professor	B.E., MBA, Ph.D.	Marketing Mgt.	12
4	Ms. D.K. Bhole	Asst. Professor	M.Tech.	Chem Engg	2
5	Ms. Komal S. Patil	Asst. Professor	M.E.	Plastic Tech.	7
6	Ms. Utkarsha Gwalwanshi	Teaching Associate	M. Tech.	Paint Tech.	1
7	Ms. Prajakta Muley	Teaching Associate	M. Tech.	Food Tech.	1

RESEARCH OUTPUT 2018-19

1.	Publication: National and International	37
2.	Patent Granted	01
3.	Ph. D. Awarded	04
4.	Ph. D. Working	23

Ph. D. STUDENT WORKING

Sr. No.	Name of Guide	Student Working
1.	Prof. Dr. J. B. Naik	04
2.	Prof. Dr. S. Mishra	02
3.	Prof. Dr. G. A. Usmani	04
4.	Dr. A. K. Goswami	01
5.	Dr. R.P. Gore	03
6.	Dr. U. D. Patil	02
7.	Dr. R. G. Puri	01
8.	Dr. J. S. Narkhede	03
9.	Dr. G. A. Bathe	01
10.	Dr. Vikas Patil	02

REVENUE GENERATED
(CONSULTANCY AND R & D PROJECTS)

Sr. No.	Services	Name of the Industry/organization	Amount received (in Lakhs)
1	Analytical services of XRD, FESEM, AFM,DSC, TGA, FTIR, PSA etc.	Various Institutes	03.61
Total			03.61

Sr. No.	Name of Project	Nam of Faculty	Funding Agency	Amount received (in Lakhs)
1	“Development of Mucoadhesive Polymer based ophthalmic Drug Delivery System”	Prof. Dr. J. B. Naik	SERB	21.7
2	Start-up Grant for recruited faculty under UGC- Faculty recharge program	Dr. Vikas Patil	UGC	10.0
Total				31.7

LINKAGES AND COLLABORATIONS

Sr. No.	Name
1.	Orient Cement, Jalgaon
2.	K K Cans
3.	Raymond Ltd., Jalgaon
4.	Biosynthesis, Jalgaon
5.	Chassis Brakes, Jalgaon
6.	Krishna Pectins, Jalgaon
7.	Poonam Paints, Jalgaon
8.	Vega Chemicals, Jalgaon
9.	Supreme Ind. Ltd., Gadegaon, Jalgaon
10.	Savita Oil, Mumbai
11.	VVF LTD., Mumbai
12.	Gharda Chemicals, Mumbai/Lote
13.	Nilons Ent. Pvt. Ltd., Jalgaon
14.	Jain Irrigation System Ltd., Jalgaon
15.	Tulsi Extrusion Ltd., Jalgaon
16.	Crompton Greaves Ltd., Mumbai
17.	Asian Paints, Mumbai
18.	Bech Elantas Ltd. Pune
19.	Kansaqi Nerolac, Mumbai
20.	S. P. Pharmaceuticals, Jalgaon

PLACEMENT, HIGHER STUDIES AND PROJECTS

B. Tech. Chemical Engineering		
Sr No.	Name Of Students	Company Name, Higher Studies and Project
1.	Chaudhari Dnyanada Divakar	Sr.Project Technical Assistant , IIT Bombay
2.	Chavan Pooja Ramesh	Efficient Engineering Virar Palghar
3.	Dhangar Bhupendra Kailas	Merit Polymer Daman
4.	Hade Santosh dnyashwar	NOCIL Ltd Gujrat
5.	Khan Mazammilanwar Sarfaraj	Junior Research Fellow (Ph.D Students) at CSIR)
6.	Kumar Swaraj Sudhir	Solar Energy Ltd Nagpur
7.	Lohar Shubham Sanjay	Nippon Paints Wilmar Ltd Gujrat
8.	Patil Mahendra Sanjay	Merit Polymer Daman
9.	Sangale Haridas Babasaheb	HPLC Mumbai
10.	Sonawane Jayesh Ramesh	M.Tech + Ph.D at CSIR Lab Pune
11.	Sonawane Lalit Bhalchandra	Moraya Global Ltd Jalgaon
12.	Surve Vishal Ashok	G.E.T. Adani Wilmar Ltd Gujrat
13.	Tondapurkar Nimisha Atul	Project Assistant at IIT Hyderabad Chem Engg Dept
14.	Vanjari Amol laxman	NOCIL Ltd Gujrat
15.	Wankhede Sagar Ramesh	Moraya Global Ltd Jalgaon
16.	Yadav Rakesh Pannalal	NOCIL Ltd Gujrat

B. Tech. Plastic Technology		
1.	Chaudhari Shubham Kailas	M.Tech ICT Mumbai
2.	Dandale Ram Ambadas	J K Paints Mumbai
3.	Khairnar Tushar Suresh	J K Paints Mumbai
4.	Kolhe Gayatri Bhagwan	J K Paints Mumbai
5.	Kshirsagar Ganesh Dattatraya	M.Tech ICT Mumbai
6.	Patil Gajanan Yashvant	Merit Polymer Gujrat
7.	Patil Gaurav Balu	Indutech Composite Tech Vadodra
8.	Vanjari Makarand Yogesh	M.Tech ICT Mumbai
B. Tech. Food Technology		
1.	Deshmukh Tejaswini Ghanshyam	MBA
2.	Gangar Urvi Vijay	Chani Foods Mumbai
3.	Jaisinghani Lakhan Rajkumar	Jublican Foods Work Vasai Mumbai
4.	Kamalja Sailee Kiran	M.Tech Prepration
5.	Kedar Samrat Ashok	Prograsive Grofers LLP Jalgaon
6.	Mahurkar Yashshree Mohan	MBA
7.	Nerpagar Hitesh Anil	MBA
8.	Parchure Rachana Milind	MSC
9.	Patil Lina Tryambak	M.Tech Prepration
B. Tech. Paint Technology		
1.	Ambatkar Abhijit Kishor	Force Motors Pitampura , Indoor
2.	Bhoite Mayur Bhausahab	Force Motors Pitampura , Indoor

3.	Bhortakay Mansi Nitin	Force Motors Pitampura , Indoor
4.	Chaudhari Sushil Vishvanath	Asian Paints Mumbai
5.	Chaware Vijay Ramesh	Berjer Paints, Nagpur
6.	Desale Bhushan Pradip	Force Motors Pitampura , Indoor
7.	Jain Twinkal Vipin	Nerolac Paints, Mumbai
8.	Madne Atul Sukhadeo	Force Motors Pitampura , Indoor
9.	Patil Mansi Pradip	M.Tech ICT Mumbai
10.	Phunde Shubham Gulabrao	Force Motors Pitampura , Indoor
11.	Shinkar Shubham Bhikan	Growel Paints Mumbai
12.	Tade Rahul Subhash	M.Tech ICT Mumbai
13.	Wagh Harshal Dnyaneshwar	Force Motors Pitampura , Indoor

B. Tech. Oil Technology

1.	Bangde Utkarsha Rajendra	M.Tech ICT Mumbai
2.	Birla Kundan Sunil	M.Tech ICT Mumbai
3.	Dharashive Shivkumar Shantiram	M/S. Adani Wilmar Ltd, Ahmadabad
4.	Gajbhiye Digvijay Sahebrao	M/S. Adani Wilmar Ltd, Ahmadabad
5.	Khade Manoj Raosaheb	M/S. Esdee Paints, Thane
6.	Kothwade Rahul Subhash	M/S. Esdee Paints, Thane
7.	More Vaibhav Babanrao	M/S. Berger Paints Banglore
8.	Nehate Hemangi Sanjay	Muez Hest Mumbai
9.	Tembhare Aditya Arvindrao	Inventis Research Nagpur
10.	Wadbudhe Shubham Suresh	M/S. Adani Wilmar Ltd, Ahmadabad

M. Tech. Chemical Engineering

Sr No.	Name Of Students	Company Name, Higher Studies and Project
1.	Ansari Parvez Amjad Ali	TBS Chemical and Engineering, Delhi
2.	*Deshpande Arjoo Rajkumar	Bit-Pilani, Goa
3.	Patil Govind keshavrao	Gexon India Pvt. Ltd., Pune
4.	Rawate Hitesh Dilip	ICT Ph. D

M. Tech. Food Technology

1.	Chougule Tejas Dilip	Rayat Shikshan Sanstha, Satara
2.	Deshmudh Swapnil Vilasrao	FARE Lab, Gurgaon, Haryana
3.	Karande Ganesh Pramod	Coco Cola, Nagpur
4.	Patil Chetan Vishnu	Team Lease, Bangalore
5.	Pimpale Pravin Angad	Coco Cola, Nagpur
6.	Sarkate Swapnil Gajanan	Jubliant Food, Ahmedabad

M. Tech. Polymer Technology

1.	*Sonawane Swati Ashok	Ph. D. ,UICT
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M. Tech. Paint Technology

1.	Baviskar Akshay Sanjay	DR Coat, Mumbai
2.	Chavan Vilas Mango	Elantas Beck, Ankleshwar
3.	Gatkal Ramakant Suresh	Growell Paints, Mumbai
4.	Malkapure Tushar Suresh	Growell Paints, Mumbai
5.	Patil Akshay Sanjay	SECC Laboratory, Mumbai

6.	Patil Ritesh Lotan	DR Coat, Mumbai
7.	Patil Uday Dnyaneshwar	SIRCA Paints, Delhi
8.	Patil Vasudev Suresh	Akzonobel, Mumbai
9.	Pawara Sagar Lalchand	UICT
10.	Pokhale Suraj Harishrao	EFTEC India Pvt. Ltd., Pune
11.	Thakur Sunil Raju	S. K. Formulation, Mumbai.

Organization of National Seminar / Conferences / Workshops

Sr. No.	Name of Conference/Workshop/Seminar	Date	Beneficiary
1	Art of Living	Jan 30, 2019	B. Tech and B. Chem students- 60
2	Young Technologist start-up conclave-2019	Jan 22, 2019	B. Tech and B. Chem students-210
3	Young Innovator Summit 2018	Oct 23, 2018	B. Tech and B. Chem Student-15
4	Innovate to Transform	October 04, 2018	B. Tech and B. Chem Students-98
5	Induction Program for First Year Student	August 01-21, 2018	B. Tech and B. Chem Students- 115
6	International Conference on "Advance in Textile process" at UPTTI, Kanpur in collaboration with UICT, KBC NMU Jalgaon	December 02-03, 2019	200 Participants

Faculty attended Workshop/Conference/Seminar/Training Program

Sr. No	Name of Faculty	Conference/Workshop / Seminar Title	Venue	Dates
1	Dr. R. S. Sirsam	Professional Development Training	IIM, Shilong	September 10-14, 2018
2	Dr. G. A. Bathe	STP Research Methodology	SSBT, Jalgaon	December 17-23, 2018
3	Dr. J. S. Narkhede	Biomimetics & Biological soft materials	IIT, Hyderabad	June 27-30, 2018
4	Dr. R. P. Gore	Environment safeguard	Indore	January 01, 2019
5	Miss. Prajakta Mulay	FDP on Industry- Institute Partnership, Accreditation, Sponsored Research, Entrepreneurship & IPR	Guwahati	January 09-13, 2019
6	Dr. H. V. Patil	FDP on Industry- Institute Partnership, Accreditation, Sponsored Research, Entrepreneurship & IPR	Guwahati	January 09-13, 2019
7	Miss. Gayatri Lomate	FDP on Industry- Institute Partnership, Accreditation, Sponsored Research, Entrepreneurship & IPR	Guwahati	January 09-13, 2019
8	Dr. R. G. Puri	Professional Development Training	IIM, Indore	January 28 to February 01, 2019

9	Dr. V. R. Parate	Professional Development Training	IIM, Indore	January 28 to February 01, 2019
10	Mr. Swapnil Wani	Typesetting in latex & Presentation using Beamer	KCE College, Mumbai	March 25, 2019
11	Mr. S. A. Raut	web Based Academic MIS	S. P. College, Mumbai	April 09,2019
12	Dr. U. D. Patil	web Based PMS	S. P. College, Mumbai	May 16-17, 2019

Student Support Activities

Sr. No.	Activity	Duration (From --- To....),	Venue	No. of Beneficiaries
1.	Chemcon-2018	27-12-2018 to 30-12-2018	NIT, Jalndhar	05
2.	8 th international Food Convention	12-12-2018 to 15-12-2018	Mysore	05
3.	Plexpo india Exhibition-2019	17-01-2019 to 21-01-2019	Goregaon, Mumbai	11
4.	Student Outreach Program-2019	20-02-2019 to 22-02-2019	Bombay Exhibition Centre, Mumbai	15
5.	Azeotropy-2019	15-03-2019 to 17-03-2019	IIT, Mumbai	42

6.	Surface Protective coating and Paint coating Expo	11-04-2019 to 12-04-2019	Goregaon, Mumbai	10
7.	Certificate Course on Python Programming	24-06-2019 to 01-07-2019	SOCS, KBCNMU, Jalgaon	04
8.	ACCESS-2019	03-06-2019 to 14-06-2019	NIT, Warangal	09
9.	Start up Maharashtra Yatra	21-09-2019	G. H. Raisoni College Jalgaon	32
10.	Workshop on ASPEN and ACCESS-2018	04-06-2018 to 15-06-2018	Warangal	11
11.	Conference on Innovation in Chemistry Laboratory	05-06-2018 to 06-06-2018	SOCS, KBCNMU, Jalgaon	05
12.	Industrial Visit Shailmar Paints and Sula Vinyards	29-09-2018 to 30-09-2018	Nasik	41
13.	Online Orientation Program for employability skill assessment test	01-12-2018	UICT, KBCNMU, Jalgaon	429
14.	Two day in Plant training at RCF, Mumbai	28-09-2019 to 29-09-2019	RCF, Mumbai	28
15.	Avishkar-2018	27-12-2018	KBCNMU, Jalgaon	9



International Conference on “Advance in Textile process” at UPTTI, Kanpur in collaboration with UICT, KBC NMU Jalgaon, December 02-03, 2019



Students Performing Yoga during Induction programme of First year B. Tech. Students

Recruiters