

शमीमा सिद्दिकी
SHAMIMA SIDDIQUI

भारत के राष्ट्रपति की उप प्रेस सचिव
Deputy Press Secretary
to the President of India



राष्ट्रपति सचिवालय,
राष्ट्रपति भवन,
नई दिल्ली-110004.
**PRESIDENT'S SECRETARIAT,
RASHTRAPATI BHAVAN,
NEW DELHI - 110004.**



MESSAGE

The President of India, Shri 20-21, 2016. herjee, is happy to know that Dr. Babasaheb Ambedkar Marathwada University, Aurangabad is organising the 2nd University Industry Interaction Summit 2016 during December 16-17, 2016.

The President extends his warm greetings and felicitations to the organisers and participants and sends his best wishes for the success of the Summit.


Deputy Press Secretary to the President



प्रधान मंत्री कार्यालय
नई दिल्ली - 110011
PRIME MINISTER'S OFFICE
New Delhi - 110011



MESSAGE

The Prime Minister is happy to learn that Dr. Babasaheb Ambedkar Marathwada University, Aurangabad is organizing its 2nd University Industry Interaction Summit 2016 from 20th-21st December, 2016 and publishing a souvenir to mark the occasion.

On this occasion, best wishes to the organisers and participants.

(P.K. Sharma)
Under Secretary

New Delhi
November 03, 2016

प्रकाश जावडेकर
Prakash Javadekar



मंत्री
मानव संसाधन विकास
भारत सरकार
MINISTER
HUMAN RESOURCE DEVELOPMENT
GOVERNMENT OF INDIA



Message

I am glad to know that Dr. Babasaheb Ambedkar Marathwada University, Aurangabad is organizing the 2nd University Industry Interaction Summit-2016 on 20th-21st December, 2016 in Aurangabad and a Souvenir is being brought out to mark the occasion.

It is highly appreciable that University had set up a dedicated cell i.e. University-Industry Interaction Cell for strengthen the relations between University and Industries (both National & International).

I am sure that the participants would deliberate on all issues concerning "Role of CSR in making Dr. Babasaheb Ambedkar Marathwada University, A World Class University, and also to help plan the strategies for ensuring higher level of success and sustainability.

Best wishes to the organizers and the participants and wish the summit all success.

(Prakash Javadekar)



22nd November, 2016

MESSAGE

It gives me an immense pleasure to know that Dr. Babasaheb Ambedkar Marathwada University, Aurangabad is organizing the "2nd University Industry Interaction Summit 2016" and "2nd Corporate Excellence Award 2016" on 20th-21st December, 2016.

University-Industry interaction gives the students an exposure to what real-life challenges are and how the same can be addressed in the industry. It not only helps them in preparing for future engagements in industry but also motivates them to synchronize academic expertise with practical solutions.

The industry also benefits from the interaction with young minds full of creative potential ready to be tapped. Awards play an important role in recognising individual and group achievements, besides motivating the others to bring-out the best in them.

I congratulate the organisers of the event and wish it a success.


(Arun Jaitley)

नितिन गडकरी
NITIN GADKARI



सत्यमेव जयते

मंत्री
सड़क परिवहन, राजमार्ग
एवं पोत परिवहन
भारत सरकार

MINISTER OF ROAD TRANSPORT,
HIGHWAYS AND SHIPPING
GOVERNMENT OF INDIA

Do No. /VIP/MRT&H,Shp/2016

Date : 2975-
10 NOV 2016



I am happy to know that the Dr Babasaheb Ambedkar Marathwada University, Aurangabad is holding 2 nd University - Industry Interaction Summit 2016 on December 20th-21st, 2016 at Aurangabad and I extend my best wishes to the event and the souvenir being released to mark the event.

The selection of the issue proposed interaction aims to address the challenge of bridging the university - industry by highlighting what makes universities attractive as industry partners, what structures make for excellent partnership and what approach produces seamless interaction is praiseworthy.

The need of the industries, to run smoothly, can be fulfilled only by the universities who cultivate and prepare the students, who have to shoulder the responsibilities to run various industries and the very need, the problems faced by the industries should be understood by universities to prepare the students and mould them properly.

Again, I extend my best wishes to the summit and the souvenir being released to mark the occasion and wish success to the efforts of Dr Babasaheb Ambedkar Marathwada University, Aurangabad.

With Regards !

Yours,

(Nitin Gadkari)

Professor D A Chopade,
Vice Chancellor,
Dr Babasaheb Ambedkar Marathwada University,
Aurangabad, MS.

Chopade
21/11/16



Vinod Tawde

Minister

School Education & Sports, Higher & Technical Education,
Marathi Bhasha, Cultural Affairs
Maharashtra State



26.10.2016

MESSAGE

I was delighted to learn about the 2nd University Industry Interaction Summit 2016 organised by your esteemed organisation Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

The core of the summit aimed at presenting Universities as viable industry partners open new avenues, adding to the emerging pool of industry research and to the mutually beneficial experience for both the University and Industrial Leaders. This initiative illustrates the foresight and efforts of the organisers towards enhancing our academic structure.

I extend my best wishes to the organisers and the participants of the event and wish them well for all future endeavours.

Thank You!

Yours,

(Vinod Tawde)

Venugopal N. Dhoot
Chairman



November 8, 2016

The Vice-Chancellor,
Dr Babasaheb Ambedkar Marathwada University
Aurangabad (MS)

Dear Sir,

First of all, I congratulate you and your team for organizing "2nd University Industry Interaction Summit 2016" & "2nd Corporate Excellence Awards 2016" on 20-21 Dec, 2016 at BAMU, Aurangabad.

I am sure that under your able leadership, University-Industry interaction will achieve greater height in developing a long term sustainable solution, which will benefit the society at large and will make BAMU a world class university too.

With best wishes,

A handwritten signature in blue ink, appearing to be 'V N Dhoot'.

V N Dhoot



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

प्रो. धीरेन्द्र पाल सिंह
निदेशक
Prof. D. P. Singh
Director

28-10-2016


MESSAGE

I am indeed glad to know that the Dr. Babasaheb Ambedkar Marathwada University, Aurangabad is organising 2nd University - Industry Interaction Summit from December 20th-21st, 2016 and also a Souvenir is being brought on this occasion.

In a Knowledge driven economy like ours, forging an academic and industry alliance attains paramount importance. These alliances would not only augur well for the University, as its students would be well placed in the Industry but it also ensures that it generates pathway to knowledge and technology transfer.

It is hoped that the University Industry Interaction Summit would be a meaningful platform for minimising the Gap between the theoretical knowledge that the students have imbibed whilst in the University and its practical applications in the Industry.

I send my warm greetings on the occasion and extend my best wishes to the Principal, faculty and the student of the college.


(D.P. Singh)

PROGRAMME

Day I (20-12-2016)

Time	Event	Chief Guest	Awardees	Raportees
9:00 am to 10:00 am		Registration & Refreshment		Dr.Sonali Kshirsagar
10:00 am to 12:50 am	Inauguration Ceremony	Hon'ble Shri vinod Jii Tawde, Minister of Education, Higher and Technical Education, Sports and Youth Welfare, Minority Development & Wakf, Cultural Affairs & Marathi Bhasha, government of Maharashtra Hon'ble Professor B A Chopade Vice-Chancellor	1) Shri Ram Bhogale Director, Nirlep Ltd 2) Shri Anurang Jain MD, Endurance Technologies Ltd. 3) Shri Rishi Bagla, Chairman & MD Aurangabad Electricals Ltd 4) Shri Shrikant Badve MD, Badve Group of Companies. 5) Mr Klaus Endress, President, Endress+Hauser Group, Switzerland	Dr.Sucheta Yambhal
10:10 am to 10:15 am	Welcome Address	Professor W K Sarwade Convener, University Industry Interaction Summit-2016		
10:15 am to 10:25 am	Honour of dias			
10:25 am to 10:45 am	Theme Address	Professor B A Chopade		
10:45 am to 11:15 am	Award Ceremony Anchoring	Corporate Excellence Award 2016 Shri Mukund Kulkarni,		
11:15 am to 12:30 am (15 min each)	Speeches by Guest of Honor	Shri Ram Bhogale Shri Anurang Jain Shri Shrikant Badve Mr Klaus Endress Shri Rishi Bagla		
12:30 am to 12:45 am	Chief Guest	Hon'ble Shri Vinod Jii Tawde, Minister of Education, Higher and Technical Education, Sports and Youth Welfare, Minority Development & Wakf, Cultural Affairs & Marathi Bhasha, Government of Maharashtra		
12:45 am to 12:50 noon	Vote of Thanks & National Anthem	Shri Mukund Kulkarni Director, Expert Solutions Pvt. Ltd, Aurangabad		

1:00 pm to 2:00 pm		Lunch & Networking		
2:00 pm to 3:30 pm	Panel Discussion "Role of CSR in making Dr.Babasaheb Ambedkar Marathwada University: A World Class University"	1) Shri Ulhas Gawli, In charge-CSR-Board , Bagla Group 2) Prof B M Naik, Veteran Academician 3) Mr Anil Makhlowa, Crompton Greaves 4) Shri N B Kulkarni, K K Industries 5) Shri P B Ambhore, GM, Bank of Maharashtra 6) Dr.Unmesh Takalkar, CIGMA Hospital 7) Mr Gurpreet Singh Bagga, President, CMIA, Aurangabad 8) Mr Vijay Lekurwale , President MASSIA	Moderator Shri Mukund Kulkarni	Dr. R K Priya
3:30 pm to 4:30 pm	Technical Session I Topic: CSR & University Development	Moderator Prof Satish Patil, Director-BCUD	Speakers Mr K.S.Rao Dr. V V Rakhunde Prof Munish Sharma Mr Sandeep Nagori	Dr.Madhuri Sawant
4:30 pm to 4:45 pm		Tea Break		
4:45 pm to 5:45 pm	Technical Session II Skill India	Moderator Dr.Sudhir Gawhane Head, Dept. of Journalism	Speakers: Prof M D Shirsat Dr. S P Vaidya, Sr.GM Kirkoskar, Solapur Shri Mahendra Wani	Dr. Jayshree Suryawanshi
7:00 pm to 8:30 pm	Meeting with NIPM delegates	Dr. V V Rakhunde, President NIPM Mr Rajesh Jawlekar	Professor B A Chopade	Dr. Abhijeet Shelke
8:30 pm onwards		Dinner		

Day II (21-12-2016)

Time	Event	Chief Guest	Chairperson	Coordinator/Raportees
10:30 am to 11:45 am	Technical Session- III Special Lecture Placement Opportunities & Industrial Requirements	Speakers : Mr. Pravin Deshmukh, MCED Mr Navin Nijhawant, Bajaj Ltd Mr Anurag Kalyani, Siemens Mr Nishikant Tayde, Divya Marathi, MP Dr. Santosh Bhawe, Bharat Forbes Dr.Vijay Pagare Shri S N Pathan	Professor B A Chopade Moderator: Mr Rajesh Jawlekar, Endurance Ltd, Group Head-Compensation & Benefits.	Dr. Sonali Kshirsagar
11:45 pm to 12:00 noon		Tea Break		
12:00 noon to 1:30 pm	Technical Session IV Make In India	Moderator Dr. Ajit Thete	Speakers: Shri Ram Marlapalle Shri Dilip Dharurkar Mr. Tapas Day, Navi Mumbai Mr Avinash Desai, Mumbai	Dr. Bina Shengar
1:30 pm to 2:30 pm		Lunch		
2:30 pm to 4:30 pm	Valedictory Function	Chief Guest Hon'ble Shri Nandkishor Kagliwal Chairman , Nath Biogenes Ltd, Aurangabad Guest of Honor Shri Umesh Dashrathe, MD, Rucha Industrialist, Aurangabad	Professor B A Chopade	Dr. Sweta Patil

ORGANIZING COMMITTEE-2016

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27	Dr. N. M. Gajbhare Organizing Secretary	OSD@bamu.ac.in	8275325380	157

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7	Dr Sonali Kshirsagar	kshirsagar_sonali123@yahoo.com		



VENUE MANAGEMENT COMMITTEE

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6	Mr.Girish Kale	Tpo.bamu@gmail.com	9822326646	
7	Shri Jay Deshmane		9881651589	

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3	Dr.Dharmaraj Veer			
4	Prof. Vandana Hiwarale			
5	Prof.Rajesh Ragade			
6	Dr Abhijeet Shelke			
7	Prof. Bapu Shengate			
8	Prof. Bharti Gawali			
9	Dr.Bhagwan Sakhale			
10	Dr.Ram Kalani			
11	Dr. Sunil Patil			
12	Dr.M D Farooq Khan			
13	Dr Vilas Eppar			
14	Dr. Sonali Kshirsagar			
15	Dr. S. S. Bhusari			
16	Dr. Jayshree Suryawanshi			
17	Dr Pravin Wakte			
18	Dr Girish Kale			
19	Dr Suchita Yambhal			



University Industry Interaction Cell

ADVISORY BOARD

Sr.No	Name	Term	
1	Professor B.A.Chopde	Chairman	Vice-Chancellor
2	Prof. Satish Patil	Member	Director, BCUD
3	Prof. M.D.Shirsat	Member	Director, DDU-KK
4	Prof. B.M.Naik	Member	Veteran Academician
5	Prof. Vandana Hivrale	Member	Dept. of Biochemistry
6	Prof. Anjali Rajbhoj	Member	Dept. of Chemistry
7	Prof. Pravin Wakte	Member	UICT
8	Prof. Sachin Deshmukh	Member	Dept. of Computer Science
9	Dr. G.D.Khedkar	Member	DNA Barcoding
10	Dr. Sunil Deshpande	Member	Dept. of Physics
11	Dr. Ramesh Manza	Member	Dept. of Computer Science
12	Prof Syed Azharuddin	Member	FAO
13	Prof S L Sananse	Member	Dept. of Statistics
14	Mr. N.M. Gajbhare	Member Secretary	OSD

INDUSTRY REPRESENTATIVES

Sr.No	Name	Term	
1	Shri C.P.Tripathi	Industry Representative	Bajaj Auto Ltd
2	Shri Anil Bhalerao	Industry Representative	Garware Polyester Ltd
3	Shri Ram Bhogale	Industry Representative	Nirlep Industries Ltd
4	Shri N.Sriram	Industry Representative	Endress+Hauser Ltd
5	Shri K S Rao	Industry Representative	Sterlite Technologies Ltd,
6	Shri M. Saheb	Industry Representative	Wockhardt Ltd,
7	Shri M P Sharma	Industry Representative	Varroc Ltd,
8	Shri Satish Kagliwal	Industry Representative	Nath Seeds Ltd,
9	Dr. Ritesh Mishra	Industry Representative	Mahyco Ltd, Jalna
10	Shri Prashant Deshpande	Industry Representative	Expert Global Ltd.
11	Shri Umesh Dashrathe	Industry Representative	Rucha Technologies Ltd
12	Shri Gurpreet Singh Bagga	CMIA President	Chamber of Marathwada Industries & Agriculture, Aurangabad

Klaus Endress



PERSONAL DATA

DATE OF BIRTH	9 December 1948
NATIONALITY	Switzerland
CIVIL STATUS	Married with 2 children

PROFESSIONAL CAREER

SINCE 2014	President of the Supervisory Board of Endress+Hauser AG, Reinach, Switzerland
1995 – 2013	CEO of the Endress+Hauser Group
04/1992 – 12/1994	Endress+Hauser (International) Holding AG, Reinach, Switzerland; various functions within Corporate Management of the Endress+ Hauser Group
04/1980 – 03/1992	Endress+Hauser GmbH+Co. KG in Maulburg, Germany
01/1987 – 03/1992	Managing Director of Endress+Hauser Maulburg, Germany
12/1983 – 12/1987	Head of Controlling
04/1983 – 11/1983	Sales responsibility for products in Frankfurt, Germany
04/1980 – 03/1983	Head of Industrial Engineering
12/1979 – 03/1980	Endress+Hauser Greenwood, Indiana, USA
01/1978 – 11/1979	Signal Davenport, Iowa, USA (a Gulf+Western Manufacturing Company)

EDUCATION

10/1970 – 10/1977	Studies of industrial engineering and management at the Technical University of Berlin, Germany (Diplom-Wirtschaftsingenieur)
10/ 1969 – 09/1970	Studies of electrotechnique at the ETH in Zurich, Switzerland
1969	Matura

HOBBIES

Family, nature in general, dogs and horses in particular



Mr. Rishi Kumar Bagla
Chairman & Managing Director
Bagla Group

PROFESSIONAL PROFILE

The Group's Mr. Rishi K-umar Bagla is the Chairman & Managing Director of Aurangabad Electricals Ltd – flagship Company of Bagla Group. Bagla Group is the manufacturer and supplier of Automotive Components – namely, Aluminum Die cast parts, High Tensile Fasteners, Automotive Relays and components for Refrigeration & Cooling system.

Bagla Group with Turnover of Rs.900 Crores (USD 150 Million) is a Global “Full Service Supplier” of Automotive Components. The Group has 13 manufacturing facilities spread over Western and Northern locations in India. Over the years, the Group has been investing heavily in creating state-of-the-art facilities, world-class capacities and capabilities.

The group's global/domestic customers include –

Global OEMs – Fiat Chrysler, Cummins, Daimler, General Motors, John Deere, Piaggio, BRP Rotax, Renault, Volvo, Volkswagen etc..

Global Tier 1 Suppliers : Behr / Mahle, Delphi, Denso, Eaton, GPM, Honeywell, INA Bearings, Magna, Mitsubishi, OMR, Pierburg etc.

Domestic : Bajaj Auto, Hero, Piaggio, Yamaha, Suzuki, Fiat India, Whirlpool, LG, Godrej, Videocon etc.

Bagla Group has partnered with leading Global companies by setting up Joint Ventures with them in India for its Automotive Component business. The main Joint Ventures are –

- With OMR Group of Italy for Aluminium die cast parts,
- With Danielson of France for Design, Prototyping & Testing of Small Engines (Technical Collaboration),
- With FONTANA Group of Italy for High Tensile Fasteners &
- With LI IN of Taiwan for Automotive Relays.
- With Changzhou Changzheng Evaporator Co Ltd, China for Evaporators for Refrigerators

Mr. Bagla, aged 57 years was born and brought up in Kolkata. He holds Bachelor's degree in Commerce from St. Xavier's College. He has more than 3 decades experience in Auto Components and White Goods industry. Mr. Bagla is the Vice Chairman of Confederation of Indian Industry (CII), Maharashtra State. He also represents the company on other Industry forums such as - Automotive Components Manufacturers Association (ACMA), Engineering & Export Promotion Council (EEPC), Chamber of Marathwada Industry & Agriculture (CMIA) etc. Mr. Bagla is also involved with various social & cultural activities. He is a trustee of many NGOs and Charitable Institutions in India such as - Aurangabad Vidya Mandir, Kamalnayan Bajaj Hospital, etc. He is also the founder member of KALASAGAR.



Mr. Shri Anurang Jain

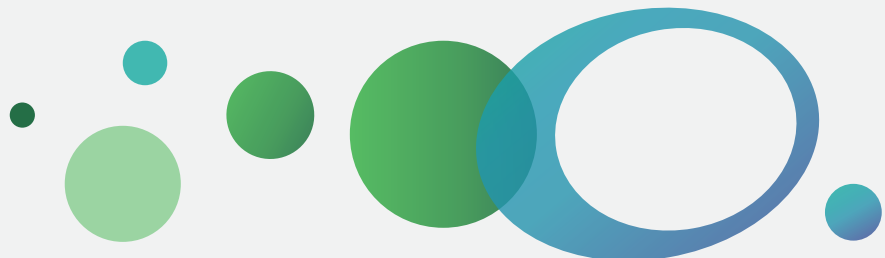
PERSONAL INFORMATION

Mr Anurang Jain is the Managing Director of Endurance Technologies Ltd., which is involved in the manufacture of automotive components.

Mr Jain spent his childhood in Mumbai, where he studied in the Cathedral & John Connon School, & later at the Sydenham College of Commerce & Economics. This was followed with a Master of Business Administration Degree at the University of Pittsburgh, Pennsylvania.

Mr Jain is 54 years old, & started his business career in 1986 at Aurangabad, & has taken the Endurance Group from a net sales of Rs. 36 Lacs in 1985 – 86 to a net sales of Rs. 5,274 Crores in 2016 - 17, with an employment of approximately 5,000 fulltime workforce spread across 17 Plants in India, 5 Plants in Italy, & 2 Plants in Germany. In October this year, Endurance Technologies had a very successful listing, & now is a Public Limited Company.

Mr Anurang Jain lives in Aurangabad & have a passion for playing & watching sports. Apart from business, he gets a lot of satisfaction from all the Corporate Social Responsibility initiatives being done by ndurance.



Mr. Shrikant Badve – MD, Badve Group of Companies



PERSONAL INFORMATION

Date of Birth: 10th Oct. 1965, Born in Pune.

Education & Extra Curricular:

-B.E. (Electronics & Telecommunications) with Distinction, Jawaharlal Nehru Engineering College Aurangabad in 1987.

-Represented JNEC in Competitions in Swimming, Chess and won Medals & Certificates.

INITIAL STRUGGLE AS AN ENTREPRENEUR

Comes from a respected Middle Class Family.

After Graduation in Electronics & Telecommunications intended to start own Industry, but, Finance was the problem.

Prepared Project Report and approached MSFC Aurangabad. Project was technically approved by MSFC, but, rejected since Collateral Securities could not be provided and the Project Report went to Cold Storage.

Struggled to get Loan from Banks, the Saraswat Co-operative Bank supported and sanctioned loan. This was a morale booster to start a manufacturing unit and thereafter “NO LOOKING BACK”. Today, there are 19 Mfg. Units in the Group at various locations all over the country and further expanding with Turnover exceeding Rs. 2500 Cr.

Shrikant Badve is the Best Fitting Example of Sincere Efforts leading to enormous growth.

SPREAD OF FACTORY LOCATIONS AND SYSTEMS

From a Single Small Unit at Waluj, Aurangabad, today the Group Companies are spread all over India expanded in more than 19 Units and further expanding.

Manufacturing Units are located at Aurangabad, Ranjangaon, Chakan (Pune), Pantnagar (Uttarakhand), Chennai, Indore, Dharwad, Bangalore (Karnataka), Bhiwadi (Rajasthan), Ahmedabad.

Manufacturing Units are ISO: TS: 16949:2002, ISO: 14001 Certified, OHSAS, except new units.

TPM (Total Productive Maintenance) Systems are followed in all units. Initiated with Prof. Yamaguchisan to ensure up-keep of TPM System. Prof. Yamaguchisan, the Japanese Expert, is from JIPM Organization. Prestigious JIPM Award is received for Badve Engineering Ltd, Narayanpur, and Aurangabad Unit.

SAP, the world’s Highly Respected Software System is used in all Plants, integrated through all Locations, for Information Technology.

Automation is the Key. The units have more than 100 nos. of FANUC / Panasonic / ABB Robots, working 22 Hrs. a day, welding more than 100 KM length daily.

Shrikant Badve was the first to import Nickel Chrome Plating Plant from Hong Kong. After successful commissioning, other companies followed and procured.

One of the Aurangabad Units is a Joint Venture with M/s. Vemar of Italy, manufacturing Helmets. This unit was started as Export Oriented Unit.

Another JV Unit is located at Ranjangaon, collaboration with Cellino, Italy.

Escorts Ltd divested their Auto Parts business (EAP) and Badve Engineering Ltd taken over EAP business in August 2016.

In Sep 2016, Badve Engineering entered into collaborations with Precision Varionic International UK and with Marzocchi Italy.

CUSTOMERS AND PRODUCTS

Bajaj Auto Ltd. is the main customer whom 2-Wheeler, 3-Wheeler and 4-Wheeler components and sub-assemblies are supplied on Production line. Major products: Complete Silencer Assembly for 2- Wh Pulsar, Discover, Platina and other models. 2-Wh Chassis for Pulsar, Discover, Platina and 3- Wh Chassis for Autorikshaw 4-Wh Components.

HONDA Motorcycle and Scooter India Pvt. Ltd. and Mahindra Two Wheeler Ltd. are also Major Customers-Products being Chassis, Silencers and components.

Tata Motors is another Major customer and ACE, IRIS Silencers, Chassis and Nano Engine Cradle and Sheet metal components are supplied.

Ashok Leyland is also a Major Customer.

DVD Top & Bottom, Air conditioner Cabinets and Plastic components are supplied to LG Electronics. One of the many firsts of Shrikant Badve, Plastic Painted components are supplied to Bajaj Auto Ltd., at Aurangabad through Badve Engineering Plastic Painting Plant imported from Taikisha Japan.

Helmets are manufactured at JV Unit with M/s. Vemar, Italy and also exported, apart from Domestic Market.

Export: Various Locks are supplied to Ingersoll Rand of France, Volvo Components from JV Badve- Cellino.

GOVERNMENT & OTHER DISTINGUISHING AWARDS

In 1995-96 Shrikant Badve, achieved a special feat by winning two National Awards – Both from the Ministry of Industry, Govt. of India. The First one was National Award for Entrepreneurship and the Second for Quality. These awards were received on 17th July 1997 at the hands of Honorable President of India, Dr. Shankar Dayal Sharma.

The Honorable Prime Minister, Dr. Manmohan Singh, presented to Shrikant Badve the First Award for Research & Development Efforts in Small Scale Industries for 2002-03, on 30th August 2004.



The Proud Moment and Notable Distinction is, the Three Awards are not won by any single unit so far.

The Govt. of Maharashtra's Award for "BEST ENTREPRENEURSHIP IN SSI" 1993 was received at the hands of Collector of Aurangabad.

TPM Club of India selected Badve Group unit for "BEST KAIZEN AWARD -2007"

Bajaj Auto Ltd. awarded TPM, QUALITY AWARDS to various Units of Badve Engineering Ltd.

TATA MOTORS also awarded various Awards –BEST Vendor and Quality.

Prestigious TPM Award is won from Japan

It is quite notable, that each and every customer has appreciated the performance of Mr Shrikant Badve and his companies considering the adherence to Delivery, Quantity and especially the Quality. All the customers have words of appreciations and presented various Trophies in Performance and Quality in specific, to Badve Engineering Ltd.

SOCIAL COMMITMENTS

The majority employees come from non-urban areas.

Cordial Relations are maintained with workmen and their Welfare is Prime consideration. As a result, there is no production loss due to labour unrest since

Inception in so many years, not even at the customers' ends.

Around 2500 families are directly dependent and almost same number is indirectly related.

Shrikant Badve actively involves in Social Activities. Being a Member of Giants Group, Waluj, Aurangabad, during his President ship of the Group, he won "The Best President Award".

Shrikant Badve is the member of BAVA (Bajaj Auto Vendors Association) Executive Committee. Shrikant Badve is the Convener of MSME of MCCIA.

Every Year, Shrikant Badve awards Scholarships to Girl Students of Army Institute of Technology (AIT), Dighi, Pune.

As a Member of various Chambers of Commerce and Industries like MCCIA, Management Associations, Giant Seva Kendra and Bhartiya Vidya Bhavan, Aurangabad, Shrikant Badve fulfills social commitments individually and as a Group.

Tree Plantation and Blood Donation Camps form one of the major parts of CSR Activities.

One of the Founder Trustees of "United World Against Diabetes" is a non- profit organization registered with Government of India (it is recognized by UN)

Every year RANCHO & Badve Engineering Ltd. organized "Sir CV Raman Award".

DISTINGUISHING ACHIEVEMENTS

1. Visit to Detroit and then to Japan as part of delegation under leadership of Chief Minister, Maharashtra for campaign of investing in Maharashtra.
2. Brand Ambassador of Make in India / Make in Maharashtra.
3. Council of State Industrial Development and Investment Corporations of India (COSIDICI) awarded Outstanding Entrepreneur award to Mr. Shrikant Badve on 27th April 2016 at a function at Jammu, India.
4. Maharashtra Industrial and Economic Development Association (MIEDA), Mumbai, held a function in Mumbai on 19th Aug 2016 to honour Enterprising Entrepreneurs with Maharashtra Business Excellence Awards. Mr Shrikant Badve, MD, received this Award in Manufacturing Sector, at the hands of Hon Shri Vidyasagar Rao, The Governor of Maharashtra.

Incidentally, Mr Shrikant Badve, MD, is honoured by MIEDA Mumbai, by appointing him as MIEDA's " BRAND AMBASSADOR 2016-17 ". The honour is also received by Mr Shrikant Badve at the hands of Hon Shri Vidyasagar Rao, at the same function. Present on the occasion were, Hon Shri Subhash Desai, Minister of Industries, Maharashtra, Hon Shri Deepak Kesarkar, Minister of State for Home (Rural), Finance and Planning, Maharashtra and Mr Chandrakant Salunkhe, Founder President, Small & Medium Business Development Chamber of India.



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Indian Industry Contour with Reference to Aurangabad and Marathwada Region

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ABSTRACT

Manufacturing Industries form backbone of a nation's economy and are thus very important component to gauge country's current status at International level. Employment is yet another challenge which is effectively taken care of by Industries in a region giving permanent means of bread and butter to the citizens. Industries like Pharmaceuticals, Steel, Chemical, Textile and Sugar are always in spotlight when Maharashtra is being discussed. Other important industries being Food and beverages, Rubber & Automobile and auto ancillary also illuminate states status at national horizon.

The paper is a humble attempt to indicate the status of Aurangabad, Marathwada, Maharashtra and India at larger scale. Collective details on State's contemporary issues of employment, its current status with respect to micro, small, medium and large scale industries along with the statistical profile is marked to illustrate a bigger perspective.

PROFILE OF INDIAN INDUSTRY

The Indian economy is firmly on the path of steady growth. Even during the last decade when other countries were in the grip of a massive slowdown, India continued to enjoy a comfortable economic position. This recent spurt in growth is propelled by radical reforms such as the removal of restrictions on foreign investment and industrial de-licensing. Tailoring the EXIM policy to promote exports and aligning the import duties to meet WTO commitments further contributed to this development. This trend is expected to continue over the next five years, driven by a favourable business policy environment in terms of tax cuts, broadening tax base, and reduced interest rates.

The liberalization of the economy has opened new windows of opportunity for manufacturing sector. Increasingly the success of manufacturing industries is dependent on innovations, research and development. It is critical not only to remain competitive but also, significant advantages can be gained by developing and commercializing new technologies.

With a size of US \$ 22 billion, the engineering sector exports stood at US \$ 6.6 billion in 2001-02 and imports at US \$ 4.9 billion the same year. This was just a start with India witnessing huge and positive acceleration in recent years. Specifically after announcement of new Industrial Policy in 2013, new avenues are opened for our country. Indian engineering manufacturing sector alone employs over 4 million skilled and semi-skilled workers. The engineering manufacturing sector comprises of heavy engineering (70%) and light engineering (30%). Other important manufacturing enterprises include Plastic and Rubber industry, Automobile and Auto ancillary, Steel ingots industry, Food and Beverage industry, Pharmaceutical industry, Chemical industry, Textile industry and Sugar industry.


India's growing integration with the global economy and the government's recognition that infrastructure needs to be overhauled are likely to ensure that the trend rate of growth increases in coming decade with further rise in excellence and mechanization.

INDUSTRIAL GROWTH IN INDIA SINCE 25 YEARS

Industrial growth averaged 7.1% per annum in the 1980s. It accelerated slightly to 7.6% per year in the first five years following the beginning of the economic policy reform process in 1991. In the second half of the 1990s industrial growth trended lower at around 5% per annum. However, since 2002-03 industrial growth has accelerated markedly on the back of recent strong GDP growth.

Rising disposable incomes, easy access to finance and the changing attitudes of India's rapidly rising middle class (with a traditional focus on savings) have resulted in a consumer lending boom. Industrial growth rose above 8% in 2004-05, with consumer durables and non-durables showing exceptionally strong growth. Capital-goods production has been growing at double-digit rates since 2002-03, suggesting increased investment in the industrial sector and the economy as a whole.

The manufacturing sector grew by 8.9% in 2004-05, comfortably outperforming the sector's long-term average growth rate of 7%. The sector has remained one of the engines of economic growth since the start of 2005-06. Industrial production has averaged to 6.24 until 2016 and contributes to around 2.2 % of world total production





OVERVIEW OF MAHARASHTRA STATE

Maharashtra occupies the western and central part of the country and has a long coastline stretching nearly 720 kilometers along the Arabian Sea. The Sahyadri mountain ranges provide a physical backbone to the State on the west, while the Satpuda hills along the north and Bhamragad- Chiroli-Gaikhuri ranges on the east serve as its natural borders. The State is surrounded by Gujarat to the North West, Madhya Pradesh to the north, Chhattisgarh to the east, Andhra Pradesh to the south east, Karnataka to the south and Goa to the south west.

The State enjoys a tropical monsoon climate, the hot scorching summer from March onwards yields to the rainy monsoon in early June. The rich green cover persists with mild winter during monsoon season that follows through an unpleasant October transition. The seasonal rains from the western sea-clouds are very heavy and the rainfall is over 400 cm on the Sahyadrian crests. The Konkan on the windward side is also endowed with heavy rainfall, declining northwards. East of the Sahyadri, the rainfall diminishes to a meager 70 cm. in the western plateau districts, with Solapur-Ahmednagar lying in the heart of the dry zone. The rains increase slightly, later in the season, eastwards in the Marathwada and Vidarbha regions.

Maharashtra is the second largest state in India both in terms of population and geographical area (3.08 lakh sq. km.). The State has a population of 11.24 crore (Census 2011) which is 9.3 per cent of the total population of India. The State is highly urbanised with 45.2 per cent people residing in urban areas.

The State has 35 districts which are divided into six revenue divisions viz. Konkan, Pune, Nashik, Aurangabad, Amravati and Nagpur for administrative purposes. The State has a long tradition of having statutory bodies for planning at the district level. For local self-governance in rural areas, there are 33 Zilla Parishads, 351 Panchayat Samitis and 27,906 Gram Panchayats. The urban areas are governed through 26 Municipal Corporations, 219 Municipal Councils, 7 Nagar Panchayats and 7 Cantonment Boards.

Mumbai, the capital of Maharashtra and the financial capital of India, houses the headquarters of most of the major corporate & financial institutions. India's main stock exchanges & capital market and commodity exchanges are located in Mumbai.

The gross state domestic product (GSDP) at current prices for 2011-12 was estimated at Rs.11,99,548 crore and contributed about 14.4 per cent of the GDP. The GSDP has been growing at a rapid pace over the last few years. Presently industrial and services sector both together contribute about 87.1 per cent of the State's income. The agriculture & allied activities sector contributes 12.9 per cent to the State's income.

Maharashtra is the most industrialized State and has maintained leading position in the industrial sector in India. The State is pioneer in Small Scale industries. The State continues to attract industrial investments from both, domestic as well as foreign institutions. It has become a leading automobile production hub and a major IT growth center. It boasts of the largest number of special export promotion zones.

Maharashtra has around 17.9% of total Indian industrial investments and has 9.6% more to come. 19.8% of total population of India gains its major employment in Maharashtra.

The State has maintained leadership position in the industrial sector in India. Presence of strong industrial sector remained backbone of the State's economic development. The industrial policy of the State has not remained static, but has undergone many changes with the passage of time. In order to address the challenges of globalisation, liberalisation and privatisation, the State adopted first Industrial Policy in 1993, which was revisited in 1995, 2001 & 2006 and recently the new Industrial Policy 2013 has been announced. Sectors which were exclusively in the public domain were opened to private sector, relaxation of norms for Foreign Direct Investment (FDI), favourable policies related to IT, BT, SEZ and Mega Projects, grape processing, etc. resulted in further development of the industrial sector in the State. Well-developed infrastructure, abundant natural resources, connectivity to all major areas, skilled manpower and quality education make Maharashtra an ideal destination for setting up of new industries. Besides Mumbai and Pune, second-tier towns like Nashik, Aurangabad and Nagpur have also emerged as industrial centres resulting in remarkable industrial growth in the State.



Aurangabad Region at a Glance

Sr.No	Item	Unit	Particular
1	District Area	Sq. Km.	10,100
	Urban Area		141.1
	Rural Area		9958.9
2	Population	Numbers	3,695,928
	Density	Per Sq. Km.	370
	Percentage of Urban population to total population	%	37.53
	Percentage of Rural population to total population	%	62.47
	Growth rate of Population (2001-2011)	Numbers	27.33
	Total Child Population (0-6 Age)	Numbers	532,659
	Male Population (0-6 Age)		286,721
	Female Population (0-6 Age)		245,938
	Child Proportion (0-6 Age)	%	14.39
	Boys Proportion (0-6 Age)		14.90
	Girls Proportion (0-6 Age)		13.84
3	Sex Ratio female per 1000 males	Numbers	917
	Child Sex Ratio	Numbers	858
4	Number of Tehsils	Numbers	9
5	Literacy Rate	%	80
	Male Literacy		87.37
	Female Literacy		70.08
6	Number of Households	Numbers	737,000
	Tap Water as source of Drinking Water	%	62.4
	Well Water as source of Drinking Water		20.0
	Others (Tube-well, Spring, Hand-pump, River, Ponds etc.)		17.6
7	Average Rainfall	Milli meter	734
8	Area under Kharif Crop (Marathwada Dist.)	Lakh Hectares	40.23
	Area under Rabi Crop (Marathwad Dist.)		20.56
	Fertilizer Consumption (2007-08)	Kilogram per Hectare	106.3
9	Gross District Domestic Product (at constant)	Rupees Crore	41,496
	Net District Domestic Product (at constant)	(2013-14)	37,215
10	Per Capita Net District Domestic Product	Rupees	91,100
	Average Per Capita Net District Domestic Product (whole of Aurangabad Division)		61,789
11	Total Number of Existing Ration Cards	Numbers	7,63,774
12	Live stock	Number lakhs	40.93
13	Total Airport Passenger Traffic		4.41
	Airport Passenger Traffic (International)		0.06
	Total Airport Cargo Traffic	Metric Tons	843
14	Ambient Air Quality in Residential Areas	Nano gram per cubic meter	
	Average Sulphur Dioxide		12
	Average Nitrogen Oxides		39
	Average Respirable Suspended Particulate matter		77
15	Day-night Noise Levels in residential Areas (as on 19th December, 2011 at CIDCO N-4)	Decibels	52.0

MAHARASHTRA STATE AND AURANGABAD'S STANCE IN TERMS OF MARATHWADA

The state of Maharashtra had adopted the mission of establishing SEZ, since 10th February 2006; illustrious product of which is the Shendra 5-Star MIDC in Aurangabad; and a few others are on their way. The SEZs notify as duty-free enclaves, pro-business reforms, encourage rapid industrial growth and hence massive employment. SEZs encourage FDIs and enhancement of productive organizational capacities. According to the MSME Report, upto 31st December 2010, a total of 233 SEZ proposals were received by the state, of which 143 were approved by Central Government and of which 63 are notified SEZ.

Information by the DIC as on 31st January 2013 shares a different ratio on MSMEs and Large Scale Industries in the region, which is represented in tabular format:

TABLE NO. 1.1

MSMES AND LARGE SCALE INDUSTRIES IN AURANGABAD REGION AND MAHARASHTRA STATE

PARTICULARS	MSME#	Employment (in lakh) #	Large-Scale Enterprises*	Employment (in lakhs)*
Aurangabad Region	14,859	1.70	538	1.11
Total in the State	2,11,403	26.95	4915	11.25
% of total in the state	7.0	6.3	11.0	9.9

*Source: DIC, GoM (31st January 2013)
Source: DIC, GoM (December, 2014)

A total of 3568 micro, small and medium industries are thriving in the industries in various sectors. These industries are ordained by the MSME legislation and hence specific welfare of these industries lie with the established institution and not with MIDC or any other industry welfare division related to the Large Scale industries.

Further, the industrial policy of the state have been highly supportive, wherein reforms have been made to reduce the licensing requirements, curtail restrictions on FDI, access to foreign technology as well as expansion projects of the industries, overseas. Since, August 1991 to August 2010, a total of 16,140 projects have been approved by the Government of India, with an investment to the magnitude of Rs.6,95,516 Cr, that generated an employment of 30.24 lakhs. For a substantial part of this endeavor, Maharashtra has been a favored destination, raising it to the status of most industrialized state, and hence attracted a large scale of industrial investments from Indian as well as overseas enterprises.

TABLE NO. 1.2

STATISTICAL OVERVIEW OF INDUSTRIES IN MAHARASHTRA STATE

SR.	DISTRICT	Total No. of Micro Enterprises		Total No. of Small Enterprises		Total No. of Medium Enterprises	
		Mfg.	Serv.	Mfg.	Serv.	Mfg.	Serv.
1	Aurangabad	636	116	233	48	16	0
2	Jalna	164	4	77	2	0	0
3	Parbhani	160	27	41	0	0	0
4	Hingoli	73	37	91	0	0	0
5	Beed	376	98	55	5	0	0
6	Osmanabad	144	15	27	4	0	0
7	Latur	376	19	92	1	0	0
Aurangabad Region		2260	438	722	132	16	0
TOTAL		2698		854		16	
		3568					

Source: MSME (June 2011)

INDUSTRIAL SCENARIO OF AURANGABAD REGION

Aurangabad has spearheaded the industrial revolution of the region, with sustainable industrial growth. Under the aegis of the State Government and its investment-friendly policies, Aurangabad has witnessed an upheaval in industrial operations. Excellent infrastructure in the form of 5-Star MIDC, impetus to DMIC Industrial Corridor and consistent efforts for a logistics facility makes Aurangabad the new face of industrial shift in Maharashtra.

A city that has wholeheartedly invited tourists, has been equally inviting to the industrial revolution in Maharashtra. Establishment of companies like Can-pack India, Glenmark Pharma and Pfizer Pharmaceuticals and others are a testimony, to this event. The Gross District Domestic Product (GDDP) of Aurangabad pegs at Rs.35,447 Crores and the division GDDP is Rs.1,29,769/- which is way ahead of Amravati and Nagpur division, but much behind Konkan, Nasik and Pune Division.

With the call of DMIC Project in Aurangabad, the district continues to attract industries, state-of-the-art infrastructure and hence employment opportunities. The district is composed for a sea-change with human infrastructure and umpteen institutions that shall continue to offer able-workforce. The city continues to attract some of the premium industrial proposals that shall generate employment, besides elevating the face of the whole region. The district is also growing as a pharmaceutical hub, besides its erstwhile repute as a nucleus for automobile and auto-ancillary units.

INTEGRATED CORRIDOR DEVELOPMENT APPROACH FOR DMIC

High impact/ market driven nodes- integrated Investment Region (IRs) and Industrial Areas (IAs) identified at strategic locations within the Project Influence Region to provide transparent and investment friendly facility regimes.

These regions are proposed to be self-sustained industrial townships with world-class infrastructure, road and rail connectivity for freight movement to and from ports and logistics hubs, served by domestic/ international air connectivity, reliable power and other quality social infrastructure, and provide a globally competitive environment conducive for setting up businesses.

An Investment Region (IR) would be a specifically delineated industrial region with a minimum area of over 200 square kilometres (20,000 hectares), while an Industrial Area (IA) would be developed with a minimum area of over 100 square kilometres (10,000 hectares).

24 such special investment nodes - 11 IRs and 13 IAs spanning across six states have been identified. Following have been taken up for implementation under Phase – I of DMIC Project.

TABLE 1.3

DMIC AT A GLANCE

INDUSTRIAL REGION/ INDUSTRIAL AREA	STATE	AREA ALLOCATED
Ahmedabad – Dholera Special Investment Region,	Gujarat	903 sq. kms
Dadri-Noida-Ghaziabad Investment Region	Uttar Pradesh	218 sq. kms
Manesar-Bawal Investment Region	Haryana	402 sq. kms
Khushkhera-Bhiwadi-Neemrana Investment Region	Rajasthan	160 sq. kms
Pitampur-Dhar-Mhow Investment Region	Madhya Pradesh	372 sq. kms
Shendra-Bidkin Industrial Area	Maharashtra	84 sq. kms
DighiPort Industrial Area	Maharashtra	253 sq. kms
Jodhpur-Pali-Marwar Industrial Area	Rajasthan	155 sq. kms

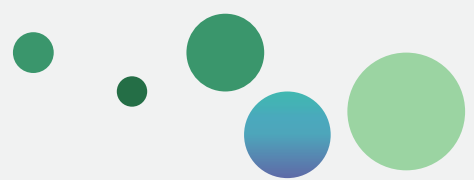
CONCLUDING REMARKS

The study done here exemplifies the contemporary stance of Industrial scenario in India and Maharashtra which in turn characterizes that progress of Industrial sector depicts progress of a nation's economy. Thus, the efforts put in by government and stakeholders together should reflect healthy growth of Industries in India with reduction in sick or closed units. Proper attention is expected when dealing with industrial fraternity and they should be given proper encouragement to adopt latest and contemporary concepts to compete at global level. It is thus highly expected of the concerned authorities that they intervene in time to gauge the depressing growth of ominous symptoms signifying curbed Industrial growth.

The above few recommendations based on the sample study could be handy for to draft reforms and plan execution for an improved industrial state.

This recommendation was a humble intervention for to improve the condition of MSME existence in Aurangabad and Maharashtra.

We thank all the stakeholders for their support and partnership.



Shri. N. B. Kulkarni
Executive Director,
K. K. INDUSTRIES, Aurangabad.

CORPORATE SOCIAL RESPONSIBILITY & EDUCATIONAL LINKAGE WITH INDUSTRIES

Corporate social responsibility (CSR) refers to business practices involving initiatives that benefit society. A business's CSR can encompass a wide variety of tactics, from giving away a portion of company's proceeds to charity, to implementing "greener" business operation.

CSR is a concept with many definitions & practices the way it is understood & implemented differs greatly for each company & country. Moreover, CSR is a very broad concept that addresses many & various topics such as human rights, corporate. Governance, health & safety, environmental effects, working conditions & contribute to economic development. Whatever the definitions is, the propose of CSR is to drive change towards sustainability consumers want to associate with brands that companies launching into CSR initiatives need to ensure that anything they do is well aligned with their values & actions.

When companies visibly invest in their communities, those become a place want to work when agents are engaged with an employer that gives back, they feel that they are part of contributing to a better community. Companies that value their employees as individuals and community members are more likely to enjoy less attrition, loyalty & enthusiasm from its employees which ultimately yields higher customer satisfaction. Beyond creating a more productive work environment, being socially responsible also what customers expect. When companies dress take social responsibility seriously, they enjoy competitive attrition & better employee engagement.

Following are some reason why CSR & Sustainability programs are goods for industry associations.

- 1. Help attract & retain Members**
Sustainability & CSR programming increases the value & relevance of the association to current & prospective members. It reduces the risk that members will have their CSR & sustainability needs met by other organizations or initiatives.
- 2. Enhance innovation in the sector**
Cost- effective pre-competitive CSR & sustainability collaborations can result in industry innovation, enabling the industry to improve its collective CSR impacts while driving business & operational benefits.
- 3. Build positive government & NGO relations**
Associations that increase their CSR or sustainability expertise are better positioned to contribute positively to regulatory initiatives by government & other agencies & to engage constructively with NGOs & other stakeholders. Associations with voluntary industry CSR & sustainability standards that exceed compliance requirements are able to forestall government regulation.
- 4. Help identify industry propitiate**
Many generic global CSR & sustainability initiatives & standards are now available & this in turn can make priority setting for members difficult. An industry approach can assist member companies to develop an industry relevant model tailored to the sectors most material risks & opportunities.
- 5. Fulfill association goals**
Typically, association goals include assisting members to be competitive & profitable. (visions & missions) CSR & sustainability is one tool to enhance member profitability & competitiveness.
- 6. Build industry reputation & brand**
An associations CSR & sustainability program demonstrates the sector's commitment to sustainable practices & leadership. It can build porosities, NGOs, suppliers & others. In doing so, it enhanced sectors' social science to operate & grow.
- 7. Enhance employee recruitment & retention**
Associations with CSR programs are able to attract & retain the best & brightest employees who prefer to work for organizations aligned with their values. Understanding socially responsible initiatives is truly a win-win situation. Not only will your company appeal to socially conscious consumers and employees, but you'll also make a real difference in the world. Keep in mind that CSR, transparency & honesty about what you're doing are paramount to earning the public's trust, after all, companies don't need to be better at everything. They need to be better at the things customers feel are important.

Dr. Milind Deshpande
MS (Gen) PGDHAM
AFIH, FIAGES



Corporate Social Responsibility of Pharmacecial Industries and Linkage with Medical education and health care.

With the globalization and changing policies of Indian Government we are eminently appearing on the global map of health care and medical education. Here I have attempted to establish involvement of CSR particularly Pharmaceutical companies' in paramedical and social education systems.

CORPORATE SOCIAL RESPONSIBILITY (CSR)

The Origin of CSR lie in philanthropic activities of corporations such as donations, charity, relief work, education etc. CSR encompasses

- Triple bottom line
- a. "Corporate social responsibility is a management concept through which a company achieves a balance of economic, environmental and social imperatives
- b. Addressing the expectations of shareholders and stakeholders.
- c. Can make a valuable contribution to positive social change directly enhance the reputation of a company and strengthen its brand.
- Corporate citizenship
- Philanthropy
- Strategic philanthropy
- Shared value
- Corporate sustainability and
- Business responsibility

Today's India has multiple contradictions On one hand - a leading global economy and on the other - largest number living in poverty undernourishment, low educational level or illiteracy. This represents an uneven distribution of the benefits of growth, education and development Traditionally; CSR is seen as a philanthropic activity in India. It was "performed" and never "deliberated."

CSR AND THE NEW COMPANIES ACT 2013

CSR is covered by Clause 135 for Companies with annual turnover of 1000 crores or more, Net worth of 500 crore or more, Or a net profit of 5 crore or more. The committee consisting of a Board Member and at least one independent director will decide 2% of the net profit of last 3 years is to be spent on CSR Activities.

List of activities under CSR

- Eradication of hunger and poverty and limitary
- Reducing child mortality and improving maternal Health
- Environmental pollution control
- Initiatives to Combating HIV-AIDS, malaria and such diseases
- Gender equity and women empowerment
- Promotion and support of education imparting systems.

PHARMA INDUSTRY CSR

The Pharma Industry is looked at with much scepticism, though it is doing good work. With the Pharma Companies' advantages are they understand health needs better than other industries – so, can contribute more meaningfully. Build trustworthy relationships with community by support in epidemics, treatment of cancer, Aids etc

Initiatives could be

1. Medical Education Programme (Doctors / Nurses / Para-Medics)
2. Patients Awareness Programme
3. Capacity Building - Healthcare related projects
4. Collaboration or Partnership with Government, Public, NGOs and others
6. Access Programme for Medicines
7. External Awards / Recognition

EXAMPLES OF INITIATIVES FROM PHARMA INDUSTRY

COMPANY	AREA	FOCUS ON
GLAXO-Smith Kline	Health Education Livelihood Grameen Aarogya Vikas Yojana	Women Children Elderly
SUN Pharma	Health Education Disaster Relief Patient Awareness Research Support	Young Scientists Researchers Strategic Research Development – health related Supporting conferences, round table meetings
PIRAMAL	Education Leadership Healthcare Management	School Educators and Leaders Training Programmes
AVENTIS	Patient awareness and counselling Access to medicines Training and CME Programmes for Health Professionals and personnel	Children Homeless and mentally affected women, Doctors Nurses Paramedics

Merck, Novartis, Pfizer CSR - support education through CME's, Camps, Disaster relief, working in underserved areas and populations.

POTENTIAL FOR PHARMA CSR ACTIVITIES IN HEALTH PROFESSIONS EDUCATION

Potential for Pharma CSR Activities in Health Professions Education There are factors which cause high investment and high cost in education of Paramedical, Nurse, MSWs etc. There is a crisis in health professions education in India.

- Hospital infrastructure and ongoing expenses are high
- Patients undergoing treatment for a cost
- Learning occurs on patients
- Shortage of healthcare workforce – need for private sector to step into education paraclinical and paramedical
- Learning environment is the hospital / outpatient / community and it being undertaken by small NGO'S or Organization. These are the area for CSR support.





PROBLEMS INVOLVED WITH SUCH EDUCATION SYSTEMS RUN BY NGO'S

- 1 High cost on infrastructure
- 2 Cost cutting happens on human resource fewer teachers , lower salaries
- 3 Effect on quality of education

CSR SUPPORT IN THE AREAS OF HEALTH PROFESSIONAL EDUCATIONS

- a. By providing institutional support can significantly Improve quality of education
- b. Being located in rural areas, where healthcare is needed.
- c. Build relationship with community.
- d. Better company credibility, trustworthiness and respect

RESULTS OF CSR SUPPORT AS QUOTED BY EMINENT INDUSTRIALS AND PHILOSOPHERS NARAYANMURTHY

'At the end, respect comes to people who do desirable things and who can be trusted. When you make a statement, people should say, we believe'

Ratan Tata

'We do not do it for propaganda. We do not do it for publicity. We do it for the satisfaction of having really achieved something worthwhile.'

CONCLUSION

- CSR is an established part of a company's framework
- Pharmas can play a significantly meaningful role in improving quality of access in healthcare
- Health professionals education costs are high
- Supporting health professions education is a way to improve health of the people through education

DOING IS BELIEVING LETUS BEGIN

** This work done under guidance of Dr. Walmik Sarwade, Director, Dept. of Management Science, Dr. Babasaheb Ambedkar Marathawada University, Aurangabad.



Prof B M Naik

Founder Principal, Shri Guru Gobindsinghji Institute of Engineering & Technology, Nanded Maharashtra

**Ex- Member board Government College of engineering Aurangabad.
And State steering Committee Member, Technical Education Quality improvement program, Maharashtra government.**



Universities/Colleges, world over, are assuming key role, in global economic systems, where new knowledge and highly skilled people are perceived as fuel for economic& industrial development.

Health of economy and industry in Marathwada depends on health of higher education in institutes. Partnership between university and industry in developed countries is a well proven model. It has enabled both of them to grow to their full potential. Their universities have gained additional scholarship and have been getting scholarly students from abroad. Their industries are getting emerging technology from universities and exporting goods to foreign. But in India such a partnership is almost absent, in the absence of which both the university and industry remained unproductive and handicapped. BAMU and industry in Marathwada both must learn from abroad how to build successful partnership with each other. Now CSR should bring about marriage between the two, without which they remain unproductive. Our students will remain behind, some may keep going abroad like in the past, and industry will remain a technology borrower.

Why Collaboration/ partnership?

Following points deserve consideration.

1. Industries constantly need new knowledge, new technology to compete in global market, for which they need access to first class university research, so also University needs access to industry to test and commercially exploit the findings of research. Isolation of university from industry is too harmful to the growth of industry and quality of education.
2. Industries can make some research by themselves, but they cannot make all the research they need all alone by themselves. They have to depend on universities and colleges. Universities and industry in India are not really short of resources, like labs, library, buildings, and faculty etc but they are short of organic links with each other. This is what is making education and research irrelevant, poor and ineffective. Those who realise will win.
3. Universities need adjunct professors to teach practical aspects to students. BAMU ought to create a band of adjunct professors from industry. From experience in world the number of adjunct professors in a university should be roughly 25%. A conscious attempt in this direction in BAMU is needed. Mismatch in education will then be avoided. Placement of students by this approach will increase.
4. Industry and university both cannot grow to their full potential, without each other's support, even if endowed with abundant natural resources. They, in public interest, should synergies and be interdependent. It is too damaging for a nation if they are independent.
5. BAMU dreams to stand high in the world list. It desires to interact adequately with industry. Industries are importing and importing and foreign countries are selling. Today, India is distinctly a technology borrower and not a leader. Import in defence department for example, is of the order of 90 %. Import substitution is badly needed. Can we not do that? Yes, BAMU with industry has to formulate a big vision.
6. Industries and university need to come closer to each other. Organic links between the two is the crying need of time. To facilitate this Government has made a law of "Corporate Social Responsibility". 2% of profit a company must invest in social projects like in university.
7. Small countries like New Zealand, Switzerland, Canada, and Australia where population is of the order of 3-4 crore have world class universities, whereas a big country India with 125 crore population yet does not have world class universities. This is surprising. It is mainly because Indian Universities have abundant resources but do not have organic links with industry. It is a challenge to our universities and industry to synergies.
8. Nothing is more important to Marathwada at this juncture of time than to upgrade BAMU to world class level. Do we realise this? No investment from Government, CSR like in roads, housing, electricity etc is more rewarding than investment in research, education in university and colleges.
9. It is the quality of Professors who decide the standing of BAMU. Availability of resources, labs, library, buildings etc are all important but nothing is more important than quality of faculty.
10. If BAMU dreams to become world class, it will have to bench mark with world best universities, and make Gap Analysis, more importantly synergies with industry.



What CSR can do?

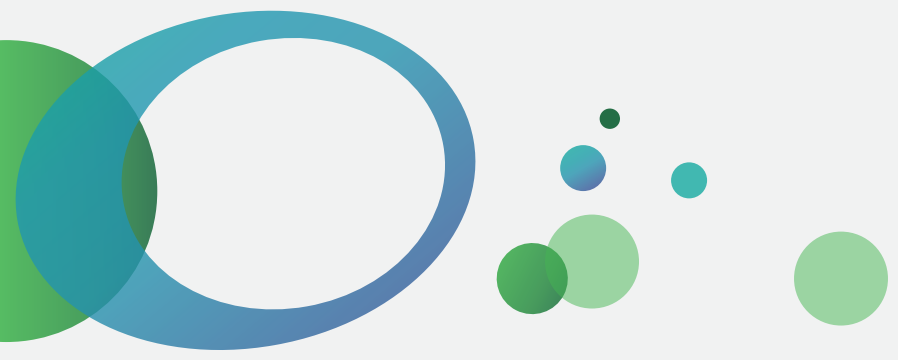
- a. First of all CSR should bring about a marriage between the two. Then they will be productive. University and Industry should make shared vision and collective ambition through corporate social responsibility and jointly establish Innovative Projects like Research Park/ Innovation Park, Corporate Education Centre, Incubation centres, Patent & IPR centre, and Entrepreneurship centre. This is the road for BAMU to rank high in world list, it will then produce globally competent leaders for various professions and also leaders for politics. Industry and economy of Marathwada will then be globally competitive, and job generation for youths will grow by leaps and bounds. Marathwada is at risk for want of university-industry partnership
- b. CSR can contribute to BAMU to become world class? BAMU ought to be charged with a spirit of enterprising culture and innovation spirit to move forward. Will industry associate the university in this cause? This partnership alone can give “Technology push”, matching with “Market pull”. Universities and colleges then become “Light House” for industries. Leaders of today were students yesterday, students today, are going to be leaders tomorrow. They may be in engineering, industry commerce and trade or in politics. They ought to be globally competent. Future generation will stand to gain best this way.
- c. CSR can contribute to produce globally competent leaders, who in turn lead in their respective professions? Others produce mediocre graduates who follow and not lead. Obviously so, there is a race world over in universities to become world class. It is the leaders who matter most. Where are the leaders born or made? Seeds are sown within the four walls of class rooms of universities and colleges. If BAMU and industry jointly establish Research Park, corporate education centre possibly with CSR funding it will make industry globally competitive, BAMU will become world class, and lead to eradicate poverty. Limiting factor for growth and prosperity in competitive world is not now availability of natural resources like oil, coal, iron ore etc but the capability of universities for generation of new knowledge, new technology and competent professors, students and other human resources. Hence, world ranking of universities has assumed great significance.

Participation in Exhibition:

Once I happened to visit International Industrial exhibition at Hannover in Germany. In this exhibition there was a pavilion meant for universities and colleges. This pavilion was most crowded. Visitors came from all over the world. Universities from all over the world came to present their research and innovation output. They were presenting the patents, new inventions and new technologies which are likely to disrupt industry in future. Visitors appreciated this very much. Many financial transactions between companies and universities took place.

BAMU needs to learn this and take strategic direction. Will industry through CSR associate BAMU in such a noble cause?

World experience tells us that any company unwilling to commit the funds and efforts required by strategic alliances in research and innovation with academicians in university or college will not likely reap benefits of new technology and new knowledge. As a result those companies in spite of high potential most likely will not be a major force in industry ten years from now.





Mr. Majumdar

"I" and "U"

Feeling confused with this heading? This is a small change I have made for "I"ndustry and "U"niversity because the only constant in this world is "Change" - a well-known fact which is experienced by each individual on this planet. Without change nothing can evolve and if there is no evolution there is no innovation. If we go back in past, numerous changes have occurred in our environment. Some are good, some are incredible and some are disastrous. But change has always happened. The most experienced change what human being have observed is none other than change from stone era to agriculture era and then to industrial era and all these has happened only due to the changes required time to time. With this change the working condition, the level of interest, technologies, product, level of imagination, quality of manpower has also changed. The most notable feature of the business landscape today is the change in unprecedented economic and financial uncertainty. The volatility and unpredictability has been such that it can defy and defeat any plan if you are not ready for a change along with the change of time.

"Crisis of trust" has become the biggest challenge: trust between neighbors, between judiciary and parliament, banks and financial institution, industries and institutes are some of the biggest examples. In such an atmosphere marked by lack of trust, it has become a very big challenge to inspire confidence among each other. Under this situation of mistrust between industry and academia, the educational institutes and university must come forward with some unique and relevant change in their academic curriculum whereby they should pay more attention on what the students should study and learn which will help them to reach to the expectations and demands of the industry or the corporate world.

Now India is emerging as the low cost hub for R&D, it has a perfect opportunity to leverage this and to become a bed-rock of high quality research and innovation at least internally provided our education system and universities take proper care for preparing our youth for this challenge.

Thus today's demand is for a huge change in our education system. As we are aware that age structure of any country has a significant effect on its economy and social performance. If a nation's population is young and falls in the working group age the extra population produces a demographic dividend of economic growth and fortunately our nation is blessed with such dividend. But our CMD Mr Bagla while discussing with Prof. Shirsat and Prof. Sarwade explains that leveraging of this does not happen automatically. It needs a right kind of policy and the most critical area for this is proper education which promotes labour market flexibility. Therefore exploitation of such dividend should take a gradual approach through expanding education specially at college and university level related to liberal education, occupational education, on the job training etc.



The real transformation of this youth into some meaningful conclusion has to come through education, employment, training and availability of technical institutes with different vocational, learn and earn type of training for getting employable skills.

Institutes should understand that sending students for an industrial visit or asking them for making a report on his subject of specialization are not sufficient for the proper training of the students for making them employable instead, while imparting knowledge they should also try to give them experience. Knowledge is definitely important but when it is combined with the exposure and experience it produces a greater output hence the curriculum should contain some chapters consisting of recent amendments in various laws and recent technological changes which will help them to adopt this transformation in the journey from a students to an employee as a result people from an industry will be more comfortable in recruiting such students which will in turn save time and money of the industry for making them employable.

We must realize that the patterns of teaching has transform from learning to E-learning but the contents has not been changed in line with the availability of huge knowledge bank of E-learning system. Now when the learners are ready to adopt this transformation the institutes must take proper initiative to groom and train these learners accordingly.

To address some of the concerns the academia at large need to take certain drastic measures to curb this ever growing vacuum between expectation and existing.

First, evaluation of current academic courses and deliverables required for the industry need to be clearly studied by the university experts. A detailed understanding of what is being offered and what is needed has to be defined along with industry experts. More than half the curriculum, across courses, do not comply to the current industry requirements. More than often, curriculum updates happen only once in several years, unlike the developments in industry which are highly dynamic and constant. Thus students graduating from such courses or curriculums often find themselves unfit when they appear for interview and eventually face rejection. The onus, hence, is on the university to ensure timely upgradation of curriculum especially for Science and Technology courses.

Once the courses and curriculums are updated it creates mandatory need for faculty development. Ironically, 9 out of 10 teaching faculties (across courses) do not possess any industrial background which creates next level of shortfalls in developing student for both behavioral and functional competencies. Faculties fall short in their understanding of application of the theoretical knowledge. A faculty from industry along with an academician would be in a better position to explain particular technology/ methodology from the point of its application. At the end of the day, faculty effectiveness defines overall learning effectiveness for the students.





The university and the institutes should also join hands in laying strong emphasis on vocational training to students during the course of their studies. These vocational trainings should also focus on providing practical learning approach, which is completely missing in most of the courses and curricula. It is essential for students to develop a strong inclination towards practical aspects rather than only theoretical. Institutions should facilitate compulsory in-plant training or internship activities for students

Through these activities students will get firsthand experience and will be ready for the potential job opportunities and necessary skills required in their future endeavor.

The age old system of merit based on marks should be replaced with a more robust and realistic ranking/ grading system which need to take into account the holistic skillset picture of students. Mark sheets today have become a mere piece of paper offering very little insight on the actual capabilities of students. University or institutions should give more emphasis on creating incubation centres for bringing out innovative concepts out of their students. Most of these ideas do not surface up due to lack of support structure made available to students. These incubation centres can very well act as launch pads for budding entrepreneurs and help create newer ventures and business setups.

Finally, a clear focus on industry and academia interface needs to be laid down to effectively bring together all the wheels of this disoriented process. Let industries partner with academia to bring about radical changes in this ever growing and ever demanding business scenario. Only when both the ends meet will there be a progressive balance in the society that will realise, in real sense, the Great Indian Dream!

I think basically academia should teach four things: know yourself well, know your subject the oretically and practically well, know your targeted business houses well and know the world very well. The success for student, industry and academia will come automatically.

Soumen Majumdar
Associate Vice President – Corporate HR
BAGLA Group of Industries.



ORGANIZING TEAM



Patron

Professor B.A. Chopade

Vice Chancellor

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad



Convener

Professor M. D. Shirsat

Director-DDU-KK,

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad



Organizing Secretary

N. M. Gajbhare

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University Industry Interaction Cell

Dr. BAM University, Aurangabad

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FOREWORD BY



Professor B.A.Chopade

Hon'ble Vice Chancellor

At the moment, when the entire country is commemorating the 125th birth anniversary of Dr. Babasaheb Ambedkar, this University, named after the sacred heart, is looking forward towards futuristic strides for uplifting the socio-economic profile of the region; what else can be more satisfying to have the privilege to Honour the personalities who has long crossed the identity of 'industrialist' and admired across the globe as pathfinders for the human race?

The Dr. Babasaheb Ambedkar Marathwada University humbly venerates the lifelong devotion of Shri Venugopal Dhoot, Shri Shasikant Garware, Shri Rahul Bajaj, Shri Nandkishor Kagliwal and Dr. Habil Khurakiwala, to make a self – reliant India through their immortal vision, innovation and philosophy. The University feels fortunate to salute these greatest intellectuals of recent times with 'Corporate Excellence Award - 2015'.

Through the platform of 'University – Industry Interaction Summit – 2015' , the University is looking forward towards a 'Sujalam, Sufalam Marathwada' and it is my earnest wish that the pious hymn invoking of such a dawn is chanted in unison with the tune of our reverence for the great minds whose incessant endeavour has shaped the prosperous face of Marathwada.

The salutations, emanated from the deepest core of our heart will remain eternal, through time immemorial.



PROGRAMME SCHEDULE

October 29, 2015 (Day 1)

08:00 - 09:00	Registration (Tea/Coffee)
09:00 - 11:00	Inaugural Session
Chief Guest	Hon'ble Shri Haribhau Bagde, Speaker, Maharashtra Legislative Assembly
Auspicious Presence	Hon'ble Professor B.A.Chopade, Vice-Chancellor, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

Guests of Honour

(Recipients of Corporate Excellence Award)

- (i) Hon'ble Shri Rahul Bajaj, Chairman, Bajaj Auto Limite
- (ii) Hon'ble Shri Venugopal Dhoot Chairman & Managing Director, Videocon Industries Limited
- (iii) Hon'ble Dr. Habil Khorakiwala, Founder Chairman and Group CEO, Wockhardt Limited
- (iv) Hon'ble Shri Shashikant Garware , Chairman & Managing Director, Garware Polyester Limited
- (v) Hon'ble Shri Nandkishor Kagliwal, Chairman, Nath Bio- Genes (I) Ltd

09:10 - 09:15	Welcome address by the Prof M.D. Shirsat, Convener, University Industry Interaction Summit-2015
09:15 - 09:25	Honour of the dais
09:25 - 09:35	Speech by Hon'ble Vice-Chancellor
09:35 - 10:00	Award Ceremony (Corporate Excellence Award-2015)
10:00 - 10:25	Speeches by Guests of Honour (Awardees)
10:00 - 10:05	Hon'ble Shri Rahul Bajaj
10:05 - 10:10	Hon'ble Shri Venugopal Dhoot
10:10 - 10:15	Hon'ble Dr. Habil Khorakiwala
10:15 - 10:20	Hon'ble Shri Shashikant Garware
10:20 - 10:25	Hon'ble Shri Nandkishor Kagliwal
10:25 - 10:35	Speech by Chief Guest
10:35 - 10:55	Speech by Chairman
10:55 - 11:00	Vote of thanks by Mr. Niwruiti Gajbhare, Organizing Secretary, University Industry Interaction Summit-2015, Dr.Babasaheb Ambedkar Marathwada University, Aurangabad
11:00 - 11:30	Tea Break
11:30 - 12:15	Session I: Coordinator: Dr. S. D. Deshpande
11:30 - 12:15	Speech by Hon'ble Vice-Chancellor Professor B.A. Chopade Topic: Role of CSR for Making Dr. Babasaheb Ambedkar Marathwada University



PROGRAMME SCHEDULE

	as a World Class University
12:15 – 13:30	Session II: Make In India Coordinator: Dr. Sachin Deshmukh
12:20 – 12:40	Talk by Shri Ramchandra N. Bhogale, Director, Nirlep Appliances Limited, Aurangabad
12:45 – 13:05	Talk by Shri N. Sriram, Managing Director, Endress+Hauser (India) Automation Instrumentation Pvt. Ltd, Aurangabad
13:10 - 13:30	Talk by Dr. Pravin Wakte Head, University Department of Chemical Technology (UDCT), Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
13:30 – 14:30	Lunch Break
14:30 – 15:45	Session III: Digital India Coordinator: Dr.Kunal Datta
14:35 – 14:55	Talk by Mr. B.A. Damahe, Principal, L&T Institute of Technology, Powai, Mumbai
15:00 - 15:20	Talk by Shri Prashant Deshpande, CEO, U.S. operations & M.D., India operations Expert Global Solutions Pvt.Ltd, Aurangabad
15:25 – 15:45	Talk by Dr. Sachin Deshmukh Director, University Network and Information Centre (UNIC) Dr. Babasaheb Ambedkar Matrathwada University, Aurangabad
15:45 – 16:00	Tea Break
16:00 – 16:45	Session IV: Coordinator: Dr.G.D.Khedkar
16:00 – 16:20	Speech by Dr. Prashant Narnaware (I.A.S.) Collector & District Magistrate, Osmanabad
16:25 – 16:45	Speech by Shri S. S. Sandhu (I.A.S.) Principal Secretary, Skill Development and Entrepreneurship Directorate of Skill Development, Employment and Entrepreneurship, Government of Maharashtra
16:45 – 18:00	Session V: Panel Discussion: Topic-Role of CSR in Development of Universities Session Moderator: Professor M.D.Shirsat, Convener Professor B.M.Naik : Member Board, Government Engineering College Aurangabad and Committee Member-TEQIP. Shri Ashish Garde : President, Chambers of Marathwada Industries and Agriculture, Aurangabad. Shri Mahendra Wani: General Manager, Aurangabad Switchgear Works,Siemens India Ltd., Aurangabad. Mrs. Mohini Kelkar: Managing Director, GrindMaster Machines Private Ltd., Aurangabad Shri Vinod Raithatha: Managing Director, VinodRai Engineering Pvt. Ltd, Jalna



PROGRAMME SCHEDULE

October 30, 2015 (Day 2)

09:00 – 10:15	Session I: Skill India Coordinator: Dr. Kunal Datta
09:05 – 09:25	Shri Dilip Dharurkar, Managing Director, NAC Group of Industries, Aurangabad
09:30 – 09:50	Prof. B.M.Naik, Member Board, Government Engineering College Aurangabad and Committee Member-TEQIP
09:55 – 10:15	Professor M. D. Shirsat, Registrar, Dr.Babasaheb Ambedkar Marathwada University, Aurangabad
10:15 – 11:30	Session II: Clean India Coordinator: Professor S.S.Patil
10:20 – 11:00	Shri Anil Nalawade, Senior Manager, Wockhardt Ltd, Aurangabad
11:10 – 11:30	Professor N. N. Bandella, Head, Department of Environmental Sciences, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
11:30 – 11:45	Tea Break
11:45 – 13:15	Session III: Biotechnology and Agriculture Coordinator: Dr. S.D.Deshpande
11:50 – 12:10	Dr. Usha Zehr, Chief Technical Officer, Maharashtra Hybrid Seeds Company Pvt. Ltd, (MAHYCO), Jalna
12:15 – 12:35	Dr. M.K.Sahib, Director-Genomics & Biotechnology, Wockhardt Ltd, Aurangabad
12:40 – 13:00	Dr. G.D. Khedkar, Director, Paul Herbert DNA Barcoding Center, Dr.Babasaheb Ambedkar Marathwada University, Aurangabad.
13:00 – 14:00	Lunch Break
14:00 – 15:15	Session IV: Energy and Environment (Renewable Energy and Energy Conservation) Coordinator: Dr. G.D. Khedkar
14:05 – 14:25	Dr. Gundu Sabde, Managing Director, RelyOn Solar Pvt. Ltd, Pune
14:30 – 14:50	Shri Suresh Todkar , S.S.Controls, Waluj, Aurangabad.
14:55 – 15:15	Professor Satish Patil Director-Central Facility for Advance Research and Training (CFART) Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
15:15 – 16:45	Session V: Panel Discussion: Topic-Role of CSR in Development of Universities Session Moderator: Shri Mukund Kulkarni
Prof B.A.Naik	: Veteran Academician, Aurangabad.
Shri Suvendra Singh	: Head HR, Sterlite Technologies Ltd, Waluj.
Shri Dilip Dharurkar	: Managing Director, NAC Ltd, Waluj.
Shri Umesh Dashrathi	: Managing Director, Rucha Engineering Pvt.Ltd, Waluj
Shri Ritesh Mishra	: Lead Regulatory Affairs, Maharashtra Hybrid Seeds Company Pvt. Ltd, (MAHYCO), Jalna
Shri M.P.Sharma	: Head HR, Varroc Ltd, Waluj.



PROGRAMME SCHEDULE

16:45 – 17:00

Tea Break

17:00 – 18:00

Valedictory Function || Coordinator: Mr Niwruti Gajbhare

Chief Guest Hon'ble Shri Dr Umakant Dangad, Divisional Commissioner,
Aurangabad.

Chairman Hon'ble Professor B.A.Chopade, Vice-Chancellor, Dr. Babasaheb
Ambedkar Marathwada University, Aurangabad


Guest of Honour Prof K.V.Kale, Director BCUD,

Dr.Babasaheb Ambedkar Marathwada University, Aurangabad

Special Attraction : Launching of Mobile Application for students by MKCL and
University &

Indian Constitution Awareness Program, Online Examination

At the eve of Post Centenary Silver Jubilee Celebration (125th Birth Anniversary)
of Bharatratna Dr. Babasaheb Ambedkar





CONCEPT BEHIND THIS SUMMIT

In Marathwada region, universities and industry were operating in separate domains. However, over decades this region has witnessed a meaningful collaboration between universities and Industry. Moreover, the rise of a global knowledge economy has intensified the need for strategic partnerships that should go beyond the traditional funding of discrete research projects. World-class research universities are at the forefront of pioneering such partnerships. They transform the outcome of the research in the university, anchoring it as a vital centre of competence to tackle social challenges and drive economic growth.

In response to growing complexity of the educational and business environment today, universities and industry have to come closer. Universities not only contribute in providing skilled human resources to business, but also in various intangible ways. The intersecting needs and mutually interdependent relationship requires identifying means of further strengthening academia-industry partnerships.

When Industries and universities work in tandem to push the frontiers of knowledge, they become a powerful engine for innovation and economic growth. Silicon Valley is wonderful example of joint venture.

What the University can offer to industries?

- Consultancy Services
- Assist in evaluating project work
- Provide training to industrial personnel of different levels
- Develop Mechanism for training students for achieving the needs of industry
- Foster Collaboration with industries to achieve its skilled manpower requirements
- Generate employable graduates as per the requirements of Industries
- Tune faculty with the requirement of industry
- Promote Entrepreneurship
- Organize conferences, seminars, & workshops of industrial importance
- Strengthen engagement of industries by including its representatives in the academic and other decision making bodies of the universities.
- Foster collaboration with industry for restructuring /introduction of courses relevant to industry
- Strengthen partnership and collaboration for research, and provide best brains to carry out R&D and other activities.
- Provide land and facilities for start-up/incubation centres.

What industries can offer to the University?

- Placements for University Graduates
- Joint ventures in some of the identified areas
- Participation in curriculum designing and implementation
- Financial sharing for creating center of excellence in some of the identified areas
- Financial Assistance for target / application oriented research
- Sponsoring Ph. D. students

Main objectives of this summit are -

- 1) Exercise the role of CSR in making Dr. Babasaheb Ambedkar Marathwada University- A World Class University,
 - 2) Develop effective partnership between university and industry through Corporate Social Responsibility (CSR),
 - 3) Initiate and develop interdisciplinary collaborative projects between university and industry,
 - 4) Undertake and study local problems and solving them with participation of university faculty, research students and industry by utilizing funds under Corporate Social Responsibility,
 - 5) Leverage the government initiatives like Make in India, Digital India, Skill India, and Clean India on the campus of university and to initiate new courses, projects and programmes for developing products, process and services.
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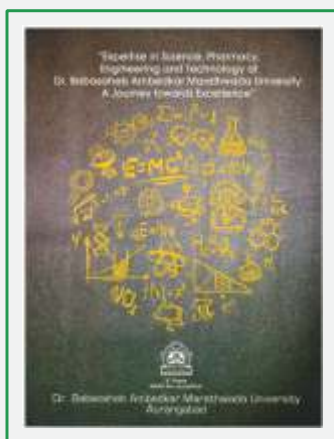
PUBLICATIONS

On the Occasion, Two Books were released in the Inaugural function of the summit. One on the theme of R&D i.e. "Expertise in Science, Pharmacy, Engineering and Technology at Dr. Babasaheb Ambedkar Marathwada University : A Journey Towards Excellence" & the other book is Souvenir.

Also on University Documentary has been released which is an documentary which shows the complete information of University in video format.

Expertise Book

"Expertise in Science, Pharmacy, Engineering and Technology at Dr. Babasaheb Ambedkar Marathwada University : A Journey Towards Excellence"



Expertise Book published during University-Industry Interaction Summit-2015

Souvenir

During this summit a Souvenir has been published, which contains Departmental Information in university, along with the facilities and infrastructure available with the departments.



Front view of Souvenir published during University-Industry Interaction Summit-2015

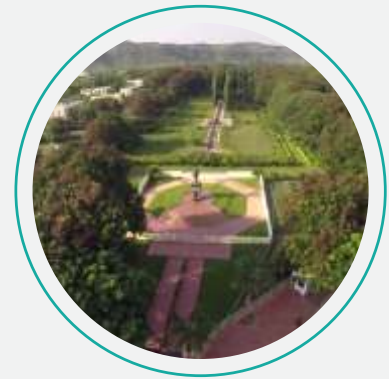
UNIVERSITY DOCUMENTARY



Dr. Babasaheb Ambedkar, statue in the middle of the greenery



Aerial View of Main Entrance



Aerial View of Greenery in and around University



INAUGURATION CEREMONY



Professor B A Chopade, Hon'ble Vice-Chancellor inaugurating the summit by lighting the lamp in presence of (from left to right) Prof. M.D.Shirsat, Shri Anil Bhalerao, Dr. Habil Khorakiwala, Shri S.S.Sandhu, Shri Haribhau Bagde Jii, Shri Nandkishor Kagliwal, Shri P.N.Dhoot, Shri Ashish Garde



Shri Haribhau Bagde inaugurating the summit by lighting the lamp in presence of (from left to right) Prof. M.D.Shirsat, Shri Anil Bhalerao, Dr. Habil Khorakiwala, Professor B A Chopade, Hon'ble Vice-Chancellor, Shri S.S.Sandhu, Shri Nandkishor Kagliwal, Shri P.N.Dhoot, Shri Ashish Garde

WELCOME ADDRESS



Welcome Address by Prof M.D.Shirsat, Convener, University Industry Interaction Summit-2015

Prof. M.D.Shirsat, Convener, University Industry Interaction Summit-2015 welcomed Chair person, Hon'ble Vice-Chancellor, Corporate Excellence Awardees, Principle Secretary Skill & Entrepreneurs development, Government of India, Professor, Teachers, Administrative staff, president CMIA, Press & Media & all the participants to the event and thanked them for taking time to spend on this important occasion. He said that reaching out to the industry is very important and timely in the current era of evolution of Industrial India. The importance of R&D in industry had increased in recent times; as also seen from the expenditure in recent times.

He then mentioned the main objectives behind organizing this summit. He put on record that university has decided to honor the stalwarts of Marathwada region who has significantly contributed for the growth & development of Marathwada. University has decided to felicitate them by CORPORATE EXCELLENCE AWARD-2015. The names of five awardees are Shri Rahul Bajaj, Dr. Habil Khorakiwala, Shri V.N.Dhoot, Shri Shashikant Garware, Shri Nadkishor Kagiwal. There has been increase in capabilities and facilities in academic, national research labs with focus on national innovations.

University has published a book named "Expertise of R&D in Science, Engineering, Technology & Pharmacy: A journey towards excellence" which contains the profiles of expertise who are working for the project which are industry oriented.

Indian Industry having achieved excellence in Science, Engineering, Technology & Pharmacy is poised for R&D growth and Dr.Babasaheb Ambedkar University aurangabad within its capability would like to play an important role in this growth. A Large Collaborative projects would be taken up together to develop new products and processes and get a competitive edge in the national & international level . Hence, it is important to discuss ways of scaling the one to one relation for mutual benefit in this new R&D era.

INAUGURAL SPEECH



Inaugural Speech by Hon'ble Vice-Chancellor Professor B.A.Chopade,
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

Professor B A Chopade, Vice-Chancellor, Dr.Babasaheb Ambedkar Marathwada University warmly welcomed all the dignitaries present on the dais and off the dais. Hon'ble sir gave the highlights of activities, R&D capabilities mentioning the large pool of excellent faculty, research students and facilities for undertaking R&D in all areas of science, engineering, technology and pharmacy. Hon'ble Vice-Chancellor also mention about the new initiatives taken by university in academics. While mentioning about R&D sir focuses on the CSR activities of foreign industries, their collaborations with universities. How they are growing with the help of CSR funds which has been a core of research activities.

Hon'ble sir also highlighted on the new CSR act 2013. He urged the marathwada industries to come forward and help the university to become World Class University.

CORPORATE EXCELLENCE AWARD



Corporate Excellence Award-2015 awarded to Shri V.N.Dhoot, MD & Chairman, Videocon Group of Industries with the auspicious hands of Shri Haribhau Bagde in presence of Hon'ble Vice Chancellor Professor B A Chopade.



Corporate Excellence Award-2015 awarded to Dr. Habil Khorakiwala, Founder Chairman, Wockhardt Ltd. with the auspicious hands of Shri Haribhau Bagde in presence of Hon'ble Vice Chancellor Professor B A Chopade.

CORPORATE EXCELLENCE AWARD



Corporate Excellence Award-2015 awarded to Shri Nandakishor Kagliwal, Founder Chairman, Nath Seeds Ltd. with the auspicious hands of Shri Haribhau Bagde in presence of Hon'ble Vice Chancellor Professor B A Chopade.



Corporate Excellence Award-2015 awarded to Shri Shashikant Garware, Founder Chairman, Garware Polyester Ltd. with the auspicious hands of Shri Haribhau Bagde in presence of Hon'ble Vice Chancellor Professor B A Chopade.

WORDS OF STALWARTS



Mr. P.N. Dhoot, Chairman & MD, Videocon Group of Industries, Aurangabad

Good Morning. While doing pranam to Shivaji Maharaj & Dr. Babasaheb Ambedkar. Hon'ble Shri Bagde Sahab, his excellence Vice-Chancellor Chopade jii, Mr. Habil Khorakiwal Jii, Mr. Kagliwal Jii, Mr. Bhalerao Jii. It's a great privilege to get honor from university. My father Shri late Nandalalji, born in this city and he was having intuitions or he wanted us to make a good industry here. With that in Aha- madnagar and Aurangabad region we have started this electronic business. Today we employ more than 60,000 employees all over India, but in Aurangabad itself is more than 10,000 employees we do have. While doing this we always kept in mind that Marathwada region has to grow and we have maximum vendors are developed here. In the memories of my father late Shri Nandalal jii Dhoot we have started a hospital and I am happy to say it is one of the best regarded and very well served hospital in this region. In future definitely our company would like to start and support a big International Scale Management Institute within Aurangabad. When Dr. Chopade Jii called me and he told me that Mr. Dhoot you have to be here, though I don't stay now a days in India for the work of Oil & Gas in have to stay in Brazil & Dubai, but he said you have to be here, so sir as per your HUKKUM I am here. In my life I always respected teachers because selflessly they are following "GEETA" without anything. They always bless the people and give them Knowledge. Giving Knowledge is one thing but giving knowledge with blessing is very important think. Knowledge you can gain through Internet and all but the blessings only teachers can give. You are keeping such summits, you are involving industries in academic, In my 30 years this is the first time I visited university. Thanks you sir and I promise to make this university an Epic center in electronics.

Lastly my family is believer of Shri Pandurang Bhagvan . Pandurang jii is a avtar of shri krushna, he led down the principle of Geeta. On behalf of my brother I am saying that he always praised shrimad bhagwat geeta now he is promoting Addhaya 13 which is a great Management philosophy of current CEO, how he should be.

Suggestions: Ready to work with university, ready to signed MoU with university in electronics field.

WORDS OF STALWARTS



Shri. Dr. Habil Khorakiwala, Founder Chairman, Wockhardt Group

Very Good Morning. The speaker of Maharashtra legislative & Chief Guest of Today's summit Shri Hari Bhau Bagde, the Vice-Chancellor of this university Prof B A Chopade, colleagues on dias, distinguish guest and students.

I must say at outset great privilege for team of wockhardt. I accept this on behalf of them. This is nothing but the reflection of what wockhart is doing since 30 years . We came here since 30 years back probable we would be the first pharmaceutical company here in Aurangabad and I was very young at that point of time and had very little money. We sold out a property in Mumbai and got transferred to Aurangabad in this way. We are producing medicines since last 30 years and we export maximum to outside India. Our 75% business comes from out of India and 25% from India. But we are producing 75% medicines in Aurangabad. We have a research center over here; we spend 12% of our sales revenue on research which is highest in the industry actually. We do file 200 patents in a year, worldwide we have filed more than 2000 patents, this are global patents and we have been granted more than 400 patents so far. This is an right time to focus on University Industry Interaction I must compliment the Vice-Chancellor to have taken initiative for this purpose. In fact next week we would be signing an MoU with NIPER. In presence of Hon'ble President we will be signing MoU with NIPER and we wish the same right here in Aurangabad because university can contribute to both of us in many ways. We will be happy to participate in academics in order to help the students in merit scholarship; we can discuss this areas and workout the program for various kinds of scholarships. The other area would be we have very nice pool of scientist working in about 12-15 different disciplines in the whole area. So probably they must be happy to come and share their knowledge and experience which university may find that. Wockhardt team can look at the resources which you have and can work out on the activities. But lastly but not the least I would request my HR team to come and look at your students who are graduating from this university and provide them the work opportunity in our organization. So I think this are 4-5 concrete ways we can collaborate and work with each other. I am indeed very much happy that you have taken this initiative as a vice chancellor and I was absolutely delighted when you mentioned that yours is the only university among the rural university to have A grants in 71 universities and as per India Today it was 18th ranked and I think all of here in the university and in Aurangabad should be very proud that what we have is the one of fine universities in Aurangabad. University students and faculty represents knowledge and in industries we are the practitioners of knowledge so I think this is the nice combination and natural thing which somehow not happened in India which is very common in world wide. Thank you very much.

Suggestions: MoU with BAMU, Merit and scholarship for BAMU students can be discussed, Scientist from wockhardt can come and share their experiences, HR team to give placement to BAMU students.

WORDS OF STALWARTS



Shri Anil Bhalerao, Director, Garware Polyester Ltd, On behalf of Shri Shashikant Garware

Shri Shashikant Garware, Chairman and MD of Garware Polyester gives his words as follows. It gives me immense pleasure to know that on the eve of silver jubilee celebration of 125th birth anniversary of Dr. Babasaheb Ambedkar, the BAMU is making efforts to make the education more practice by getting close to industry. The industrial meet organized on this occasion in collaboration with CMIA is a good step forward. I am thankful to you for invitation to be a part of such occasion and for an honor but I am sorry that I will be unable to attend this august meet do to my ill health. However I am deputing Mr. A B Bhalerao to attend this program and receive award on my behalf. Needless to mentioned that for the betterment of university and society as well we will explore the possibility of technology, practical development and projects in association with BAMU in near future. My best wishes for the success of this centenary event.

Today's chief guest son of the soil shri Haribhauji Bagde, most dynamic vice-chancellor Shri Chopade jii, Dignitaries on dias and students. I am honored to be here on behalf of Garware to receive an award. He was to come but because of his ill health he didn't come. I have been working in this organization since last 44 years and I know Mr Garware since then. I was in Mumbai in 1991 I just want to share his vision at that time when nobody in India knows about polyester and its products at that time only the company in the world where ICCI and Dupond who were the leaders at that time and he decided we should make the film in India because nobody is ready to share the technology. And with continues 1-2 years work we could able to produce the polyester film on pilot scale and government of India at that time visited the pilot plant and gave the license that ok you have the technology you can develop the polyester film. And decided to put up plant in Aurangabad. Thank you again. Jai Hind Jai Maharashtra.

I am very much thankful to BAMU for offering such a prestigious award. It's my privilege to receive this award on behalf of Shri Shashikant Garware.

Suggestion: We will be in touch with university for any help.

WORDS OF STALWARTS



Shri Nandakishor Kagliwal, Chairman, Nath Biogenes Ltd, Aurangabad

Hon'ble Shri Haribhau Bagde jii, affectionately known to us as Nana, Hon'ble Vice-Chancellor, my fellow awardees, distinguish members on dias and friends.

At the very outset let me congratulate Professor Chopade sir for this unique initiative in organizing this interaction between academia and industry. Infact it is very difficult to univefristy to remain in isolation with the society. Unfortunately what you find is the universities and institutes has becoming the degree printing machine which may or may not be relevant to the society. Here is a unique initiative which would help in creating students who are job ready .There is unemployment on one hand and there is a question of unemployability on other hand. This interaction will greatly help in revising curriculum of various subjects. Universities in all over the world have been thought leaders. Learning is a continuous process, someone said the day we stop learning we will stop leaving. Learning doesn't mean simple getting degrees and diplomas. University can realy to society even by conducting evening programs, week end programs, three days Five days relating to various issues could be health-hygiene, could be appreciation of arts and culture. I am sure in this again CMIA would come forward and finalize the detail program.

Well perhaps this is the recognition of first generation home learn university, I am very proud to say that I am student of this great university. Sir excellence is not a destination it a journey an I am sure such reorganization inspires people for such journey all along. It's a great beginning; even a journey of thousand day has to being as a single step. Let me conclude by saying किसने कहा जमीन पे तरे बिचाके देख, मिट्टी का एक चिराग जमीन पे जालाके तो देख, मुमकीन है यकीन है असमान के तुम चू लोगे साह्रदें अपने हाथ उठा कर तो देख.

Thank you for offering me such a prestigious award. Learning is a continuous process.

Suggestion: Curriculum revision, Faculty training, Evening classes in health and hygiene, skill based classes.



Shri Haribhau Bagde, Chairperson, Legislative Assembly, Government of Maharashtra

Great Initiative by University, this is a first university to take first step to bridge the gap between University and industries; I must congratulate Prof. BA Chopade for this initiative. University should try to utilize the renewable energy.



**Technical Session I:
Professor B A Chopade (Presentation: Role of CSR for making Dr. Babasaheb Ambedkar Marathwada University as a World Class University)**

Professor B A Chopade Vice-Chancellor Professor B A Chopade, Hon'ble Vice-Chancellor, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad presented the University in front of the industries. The presentation was started with the achievements of University.

After that the vision of the University has been explained which was followed by the dream of transforming this university as World Class University. He also explained what university can offer to industries and in return what industries can offer to university.

He also mentioned about the activities which can be funded by industries. In continuation of this Corporate Social Responsibility (CSR) also been explained by sir. Company Act-2013 section 135 schedule 7 was explained by him. An overview on Industries of marathwada and its need was explained in his presentation.

Finally he appealed all the industries of marathwada to come forward and help university for its development and R&D work.



**Technical Session II : Shri Ram Bhogale, Director, Nirlep Ltd,
(Presentation: Make In India)**

Welcomed all and started his presentation. Being a first speaker he explain what "Make In India" is. What is the history behind this? Also explained about the export policies and rules.

He also mentioned about the employability skills of the students who graduate from university. He suggested that students should be industry ready in order to get employment. He emphasized on the basic skills and students should acquire basic knowledge.



Shri N. Sriram, President & Director, Endress+Hauser (India) Automation Instrumentation Pvt. Ltd, Aurangabad (Presentation: Make In India)

Started with a warm welcome and congratulate Hon'ble Vice-Chancellor for organizing such a wonderful summit, and taking initiative to attract industries. Explained facts about india. Explained the journey of Endress+Hauser in Aurangabad.

E+H, we believe that 2% of CSR is very less. We are ready to spend more. We are getting good product manufacture from University in foreign. Compared India GDP with other countries.

Suggestion: Project on Logistics, Development of skilled Work force, Social Activities, Flexible Syllabus, Research oriented towards industrialization, Support industry by sending students in summer vacations, Credibility of University



**Dr. Pravin Wakte, Head, University Department of Chemical Technology (UDCT),
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad**

Presented Make In India session from academic point of view. What we understood of Make In India & What capabilities we have for this Make In India approach of Prime Minister.

Also explained about the strength of university in Chemistry, Chemical Technology, Bio-Chemistry, Pharmacy, Food Industry, Paul Herbert DNA barcoding, Dept of Statistics, Dept. of Nano technology.



**Technical Session III: Dr. B.A. Damahe, Principal, L&T Institute of Technology, Powai,
Mumbai (Digital India)**

Highlighted the main points under Digital India. Spoke about digital literacy, and suggested university has to take initiative for this. Also mentioned about digital university and smart cities concept.

Broad band highway, Transmission ways, Universal access to phone this are few points which were covered in this session.



**Technical Session III: Shri Prashant Deshpande, CEO, U.S. operations & M.D., India
Operations Expert Global Solutions Pvt.Ltd, Aurangabad (Smart University)**

Shri Prashant Deshpande welcomed all and thanks University for taking initiative for this summit. He also talked about the Smart Campus. What are the features and requirements of Smart Campus.

He emphasized on using Information Technology for every work in university. Documentation of important documents, Online Admission, online degree generation, online papers, Video Conferences & security surveillance etc.



Ready to help and signed MoU with university.

**Technical Session III: Dr. Sachin Deshmukh, Director, UNIC, Dr. Babasaheb Ambedkar
Marathwada University, Aurangabad (Smart University)**

Presented how university can become smart university. With the help of PPP it will be very easy to transform this university into smart university. Explained main components of smart university.

Explained what university has strength for university. Remote Sensing & GIS laboratory, Image Processing, Human Computer Interface Technology, Geo-Spatial Chair.

Behavioral Traits can be possible with the help of University. Explained about UNIC department. Also trying to purchase Super Computer i.e. Shavak. And this will be available to the industries & students.





Technical Session: Shri S.S.Todkar, Aurangabad (Electronic Cluster)

Shri S.S. Todkar explained about the Brown Field Electronic cluster formation. How government of India is helping in establishing this cluster in 10 cities. CMIA has taken the initiative and ready to join hands with university for establishing the Brown Field Electronics Cluster in the campus of university.



Technical Session IV: Dr. Prashant Narnaware (I.A.S.), Collector & District Magistrate, Osmanabad

Dr. Prashant Narnaware highlighted on the employability skills of students. He mentioned on sad note that universities are now becoming the graduate stamping machine. He also highlighted the policies of foreign universities.



Technical Session IV: Shri S. S. Sandhu (I.A.S), Principal Secretary, Skill Development and Entrepreneurship, Government of Maharashtra.

Shri S S Sandhu talked about Skill Development, Unemployability, Lack of Awareness. He also highlight on social problems. Also explained why it is necessary to have Good industry academia interaction. He also explained all the policies of Ministry of Skill & Entrepreneur Development. He also explained about VTP(Vocational Training Program).



Technical Session V: Panel Discussion: Topic-Role of CSR in Development of Universities

Session Moderator: Professor M.D.Shirsat, Convener, Professor B.M.Naik, Member Board, Government Engineering College Aurangabad and Committee Member-TEQIP. Shri Ashish Garde, President, Chambers of Marathwada Industries and Agriculture, Aurangabad. Shri Mahendra Wani, General Manager, Aurangabad Switchgear Work, Siemens India Ltd., Aurangabad. Mrs. Mohini Kelkar, Managing Director, GrindMaster Machines Private Ltd., Aurangabad

Shri Vinod Rai, Vinod Rai Engineers Pvt. Ltd, Jalna, Professor M.D. Shirsat, Convener


How CSR could be utilized for the development of R&D in university?

Prof. B M Naik, commented that Research should be Demand Driven, then and then only industries will come to University. Forum of leaders should be formed i.e. Advisory Board. University should give birth to start-ups i.e. Incubation Center.

Mr. Vinod Raithatha, commented that presentation of university is not proper, University has to build trust, faith in industries. Instead of chasing CSR, Industries are having projects which can be fulfilled by universities where there is no need of CSR funds.

University is very much oriented in creating infrastructure, rather than student's empowerment. Suggested to improve the credibility of University.

Mrs. Mohini Kelkar, commented that faculties of the universities should be trained in order to get updated with the world. Faculty training should be from foreign universities, MoU's should be made with foreign universities.



Mr. Mahendra Wani, also added and supported Mrs. Kelkar in order of training the trainer program. Faculty training should be done in Germany. Example of MIT College Aurangabad. Also suggested that SIEMENS can devote time as a CSR activity for university for sharing their experiences, to train students as well as faculties. Center of Excellence can be planned with the help of Siemens in University, Implant Training for students of University.

Mr. Ashish Garde, Chairman, CMIA, commented that University should try to generate revenue with the help of projects from industry. This will be Win-Win situation for both

October 30, 2015 (Day 2)



Technical Session I: Shri Dilip Dharurkar, Managing Director, NAC Group of Industries, Aurangabad (Presentation: Skill India)

He congratulated Hon'ble Vice-Chancellor for organizing such summit. He talked on skill need for development of India. He mentioned that there is a need of more Skill Manpower for small scale industries.

He also mentioned about the ratio of skilled manpower present in Aurangabad. He also appealed to all the industries for attending such summits so that industries can share their valuable experience with universities.

One more important thing which he shares is Quality in Education, Faculty Development & Infrastructure. Syllabus should be industry oriented.



Prof. B.M. Naik, Member Board, Government Engineering College Aurangabad and Committee Member-TEQIP

Prof. B.M. Naik highlighted on what is Research Park? He also mentioned in through about the concept of Research Park. Research Park can bring a drastic change in the relation of Industries as well as University along with the growth in the development of India.

He also emphasized that those nations has develop who have a good interaction/collaboration of universities with industries.

Suggested university to setup an Research Park and also ready to give an through knowledge for the faculties, Research Scholars & students.





**Professor M. D. Shirsat, Registrar,
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad**

Prof M.D.Shirsat, Registrar & Director DDU-KK give an brief scenario behind the establishment of Deen Dayal Upadhy KAUSHAL Kendra. He also mentioned about B.Voc & M.Voc. courses in Automobiles & Automation. Detailed discussed about the syllabus and future plans of DDU-KK.



Mr. Manish Chudgar, Director by NIYO Engineers, Pune (Presentation: Skill India)

Mr. Manish Chudgar, Director, NiYo Engineers, Pune explained about NiYo engineers and the concept behind their plan. They also ready to have and MoU with University.



**Session II: Mr. Anil Nalawade, Senior Manager, Wockhardt limited,
Aurangabad (Presentation: Clean India)**

Mr Anil Nalawade, Senior Manager, Wockhardt Limited had put his views on Environmental Cleaning & Pollution presentation.

He also explained about the hazardous effects of unclean environment.
He also highlighted the policies of government on environmental cleanliness.
He appealed to Reduce, Reuse & Recycle



Talk by Mrs Gauri Mirashee, NGO-Civic Response Team

Mrs Gauri, Explained about the CRT. She explained about Solid Waste Management and initiative that is been happing in an Aurangabad in this sector.

She explained about her experienced working with ward and Municipal Corporation Aurangabad.



**Professor N. N. Bandella, Head- Department of Environmental Sciences,
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad**

Prof N N Bandella committed on Clean India Initiative of Hon'ble Prime Minister and highlighted on Clean India.

What are the Initiatives and actions taken by university campus. Explained about the important of trees in pollution controlling?



Session III:

**Dr. Usha Zehr, Chief Technical Officer,
Maharashtra Hybrid Seeds Company Pvt. Ltd, (MAHYCO), Jalna
(Presentation: Biotechnology and Agriculture)**

Dr. Usha Zehr, shared her views on Biotechnology & Agriculture. She then highlighted on the achievements and vision of MAHYCO.

She also explained about all the products of MAHYCO and opportunity present for students and researchers in MAHYCO.

Ready to have collaborations and partnership with university. Only think which MAHYCO looks only accountability of the partner.



Dr. M.K.Sahib, Director-Genomics & Biotechnology, Wockhardt Ltd, Aurangabad

Dr. M.K.Sahib put highlight on wockhardt research and products. He also explained the products in detailed, their presence in foreign countries as well as their product acceptance in all countries.



**Dr. G.D. Khedkar, Director, Paul Herbert DNA Barcoding Center,
Dr.Babasaheb Ambedkar Marathwada University, Aurangabad**

Dr. G.D.Khedkar, explained the detailed strength of Dr.Babasaheb Ambedkar Marathwada University, Aurangabad in DNA Barcoding. He was explaining proudly that we are the only university where we are having a Paul Herbert DNA Barcoding department.

We are also looking for Genomes and DNA coding of all the species in the water. He also highlighted on the running projects in this department. He also applied industries to help university in terms of setting up Incubation Hub in Biotechnology, Creating Common Facilities, Fellowships for students, and university is ready to work on targeted projects with the industries.



**Session IV: Dr. Gundu Sabde, Managing Director, RelyOn Solar Pvt. Ltd, Pune
Energy and Environment (Presentation: Renewable Energy and Energy Conservation)**

Dr Gundu Sabde DirectorDr. Gundu Sabde, thank hon'ble Vice-Chancellor for inviting and organizing such summit. He mentioned about his organization and the activities been conducted under his organization.

He also highlight on the interaction between university & Industry. He suggested that there should be faith between this two organizations for running this relation.



Shri Suresh Todkar, S. S.Controls, Waluj, Aurangabad

Shri Suresh Todkar , has commented on energy conservation. He highlighted on the initiatives taken at industries for energy conservations. He was expecting the same should be carried out in universities and affiliated colleges.

He also highlighted on supply side and demand side of energy. He mentioned that universities have opportunities in energy audits, ISO 15001 which are the need of industries. Also mentioned about energy cell at CMIA.



Professor Satish Patil, Director-Central Facility for Advance Research and Training (CFART), Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

Prof S.S.Patil highlighted on Environment protection and prevention. Being an environmentalist he explained the policies of government.

Session V: Panel Discussion: Topic-Role of CSR in Development of Universities Session

Moderator: Shri Mukund Kulkarni

- Prof B.A.Naik, Veteran Academician, Aurangabad.
- Shri Suvendra Singh, Head HR, Sterlite Technologies Ltd, Waluj.
- Shri Dilip Dharurkar, Managing Director, NAC Ltd, Waluj.
- Shri Umesh Dashrathi, Managing Director, Rucha Engineering Pvt. Ltd, Waluj | Shri Ritesh Mishra, Lead Regulatory Affairs, Maharashtra Hybrid Seeds Company Pvt Ltd, (MAHYCO), Jalna
- Shri M.P.Sharma, Head HR, Varroc Ltd, Waluj
- Shri. Mukund Kulkarni: What is the need of Dr.BAM University in today's area?




Prof.Naik Commented that university should prepare leaders in Engineering, commerce and all walks of time. University should generate new knowledge, transfer the knowledge. University need Money/CSR beside money corporate has expertise which should be shared with university. No industry can stand alone without university.

Mukund Kulkarni: Development agenda of university? How this process should start?

Shivendra Singh: Development of Infrastructure in University, Take initiative in industrial project which will be a Win-Win situation for both.

Mukund Kulkarni: How to create Win-Win situation?

Professor Dilip Dharurkar: Industries are also facing the same problem, industries does not have expertise. University has its own way to solve these problems. Basics are important.



Industry should approach each department of university. Unless you something to industry, industry will not come front for giving CSR.

Umesh Dashrath: University is a knowledge bank, both are Organization. Ever stakeholder should have to come together and decide that I want to work for the development of this organization, then and then only organization will grow. University has to decide its VISION loudly.

Industries are made to generate wealth and university is made to generate knowledge. Even though there is CSR act but industry will decide what the return of this investment is.

University should produce projects and send them to the matching industries and take the following. Industries are lacking in R&D where university can help us in that. Also faculty updating is also important.

Ritesh Mishra: University research getting into application by the industries. We need to create success stories.

V P Sharma: lack of focused/right approach. University should decide the right path.

Mukund Kulkarni: By & Large University & Industry Interaction is successful or not?

Prof B M Naik: Not satisfactory, It has to become better. The business plan has to be done with the help of industry.

Shivender Singh: Not satisfactory, because no business plan, no right approach, updation in course, Lack of skills set.

Dilip Dharurkar: Not satisfactory.

Umesh Dashrathi: Relation is miserable. University should not look at percentage, University should look for the output.

V P Sharma: We can take three case studies, if first two fails third will definitely succeed.

Audience Questions:

Prof V L Dharurkar: Is industry is going to make any declaration today?

Shivender Singh, Head HR, Siemens commented that create a forum, what is area of expertise of BAMU? First BAMU should decided there expertise.

Prof V L Dharurkar: How Industries are looking towards university with reference to DMIC & Industry?

Ritesh Mishra commented that Industry is ready to take help from University. Whichever verticals are coming in DMIC, University should geared up and take his as opportunity, Industry will definitely join hands with university.

Shivendra Singh also commented that We are looking for the people in Photonics, Glass Technology.

Prof V L Dharurkar: How industry is going to help non professional courses?


Dr. Kulkarni (CSSMS): What University & Industry can do for the updating students as well as faculties?

Shivender singh answered this as update curriculum, Industry can come as an visiting faculty

Ritesh Mishra commented that to make a Study Plan,

Niwrti Gajbhare: Earn and learn department with university?

Mukund Kulkarni himself answer that university should nominate members, make a process and approach to the chamber also approach VARROC for earn and learn scheme.



Concluding Question:

I Mukund Kulkarni asked what should be the university road map for next year?

Prof B M Naik commented that Meet again and again to prepare road map

Shivender Singh answered that sit together and discuss.

Dilip Dharurkar commented that Plan, Do, Check and Act and see if the output if not satisfactory repeat the process (PDCA)

Umesh Dashrathi suggested that university should set the goals.

Ritesh Mishra suggested that to setup an separate dedicated university industry interaction cell in university.

V P Sharma also suggested that define a team, Meet at goga baba tekde just to have an Informal meet.

17:00 – 18:00 Valedictory Function || Coordinator: Mr Niwruti Gajbhare

Chief Guest

Hon'ble Shri Dr Umakant Dangad, Divisional Commissioner, Aurangabad.

Chairman

Hon'ble Professor Dr B.A.Chopade, Vice-Chancellor,
Dr.Babasaheb Ambedkar Marathwada University, Aurangabad

Guest of Honour

Prof K.V.Kale, Director BCUD,
Dr.Babasaheb Ambedkar Marathwada University, Aurangabad



From Left to right: Dr. Suhas Moralle, Prof M D Shirsat, Shri Ashish Garde, Dr Umakant Dangat, Prof B A Chopade, Prof K V Kale, Prof Prahlad Lulekar, Shri Munish Sharma

Special Attraction Launching of Mobile Application for students by MKCL and University & Indian Constitution Awareness Program, Online Examination At the eve of Post Centenary Silver Jubilee Celebration (125th Birth Anniversary) of Bharatratna Dr. Babasaheb Ambedkar



Launching of Mobile Application with the auspicious hands of Dr Umakant Dangat & Prof B A Chopade



MoU signed between Aurangabad IT Industries & Dr.Babasaheb Ambedkar Marathwada University
From Left: Mr.Nitin Nalgikar, Mr.Ravindra Waybase, Mr.Suresh Sakkarwar, Prof M D Shirsat,
Mr. Prashant Deshpande, Prof B.A.Chopade, Prof. Damahe, Mr.S.S.Todkar

In accordance with a mutual desire to promote and develop activities between two institutions, namely Dr Babasaheb Ambedkar Marathwada University, Aurangabad & Cluster of IT industries Aurangabad, where agree to the following statement of intent on developing BAMU as SMART UNIVERSITY CAMPUS.

- 1) Sharing of required technical expertise in IT domain to help BAMU in development of Smart University Campus
- 2) Areas to work on, in order to cover under Smart University Campus as mentioned below
 - a. Admission & Exit Process
 - b. E-Governance/ ERP
 - c. Smart Class Rooms
 - d. Digitization
 - e. Asset Management
 - f. Wi-Fi Campus
 - g. Vehicle Management
 - h. Solid Waste Management
 - i. Energy & Conservation
 - j. Catering Facility



MoU signed between DEOGIRI ELECTRONICS CLUSTER PVT.LTD. &
Dr.Babasaheb Ambedkar Marathwada University

In the Center: Mr.Ashish Garde, Mr.Suresh Todkar, Prof B A Chopade, Mr Munish Sharma, Prof M D Shirsat

In accordance with a mutual desire to promote and develop activities between two institutions, namely Dr. Babasaheb Ambedkar Marathwada University and Deogiri Electronic Cluster, we agree to the following statement of intent on skill based educational and research co-operation. The co-operation in specific areas may be designed by mutual consent and incorporated in to specific additional agreements upon signature by the appropriate authorities of the institutions.

1. Two institutions agree to the following general areas of interest and co-operation:
 - a. sharing of Technical infrastructure to provide skill based education;
 - b. sharing of intellectual man power for skill oriented training;
 - c. Initiation of joint skill based and professional academic programme leading to graduate and post graduate degrees viz. B. Voc and M. Voc.
 - d. joint organisation of short term training programme or workshops;
 - e. joint promotion of each other's capabilities;
2. If any collaborative projects and/or funding proposals are undertaken, a detailed collaboration agreement will be negotiated between the two institutions.



MoU signed between NiYo Engineers Ltd, Pune & Dr.Babasaheb Ambedkar Marathwada University from left : Mr. Manish Chudkar, MD, NiYo Engg, Pune, Prof B A Chopade, Prof M D Shirsat

Dr Babasaheb Ambedkar Marathwada University, Aurangabad & NiYo Engineers Pvt Ltd, Pune both has mutually agreed for the following points.

- | | |
|--|---|
| 1 To set up an Automation laboratories. | 2 Training for students as well as faculties. |
| 3 Layout design for laboratories. | 4 Industrial Visits for students. |
| 5 Expertise lectures from industries at university campus. | |



MoU signed between Endress+Hauser Ltd, Waluj & Dr.Babasaheb Ambedkar Marathwada University from Left: Prof M D Shirsat, Mr N Sriram, Prof B A Chopade, Mr. K. Kumar.

This agreement made between Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, hereafter called as University, Aurangabad and Endress+Hauser (India) Automation Instrumentation Pvt.Ltd. & Endress+Hauser Flowtec (India) Pvt.Ltd. The agreement is extended for 2 years and would be revised upon mutual agreement by University and Endress+Hauser., hereafter called as E+H on Oct 29, 2016 is as per the terms listed below:

1. E+H will sponsor 10+10=20 Scholarships @ Rs.25000 p.a. to PG Student for 2 years course.
2. Endress+Hauser Engineers will give invited Lectures at University Campus on Saturdays. These Lecture Sessions will be on Soft Skills, Value Added Courses/Subjects.
3. One week crash course would be done by Experts of E+H for M.Sc Process Automation course.



MoU signed between Bajaj Auto Ltd & Dr.Babasaheb Ambedkar Marathwada University
from left: Shri C P Tripathi, Prof B A Chopade, Prof M D Shirsat

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad has approached Bajaj Auto Limited with a proposal to construct and establish an Incubation Center to foster the “Process of recombination of thought elements that are stimulated through conscious work, and at times resulting in some novel ideas at a later point in time”. After an elaborative discussion this MoU witnessed as follows.

- 1) Bajaj Auto agrees to extend financial assistance in the form of donation of an amount upto and not exceeding Rs. 150 lacs.
- 2) BAMU further undertakes to provide a detailed plan along with time lines and financial estimates for the construction of the said center for the utilization of the said donation.

MEDIA COVERAGE

कौशलाल्यातूनच उपजीविकेचे साधन शक्य

युनिव्हर्सिटी इंडस्ट्री इंटरअॅक्शन समितीचे उद्घाटन, उद्योजकांना कॉर्पोरेट एक्सलन्स अॅवॉर्ड

समाजवादी युनिव्हर्सिटी

कोणताही नवीन उद्योग उघडण्यासाठी ही संस्थाचालनाची भूमिका अत्यंत महत्त्वाची आहे. उद्योगाच्या उदयासाठी ही संस्थाचालनाची भूमिका अत्यंत महत्त्वाची आहे. उद्योगाच्या उदयासाठी ही संस्थाचालनाची भूमिका अत्यंत महत्त्वाची आहे.



उद्योगाच्या उदयासाठी ही संस्थाचालनाची भूमिका अत्यंत महत्त्वाची आहे. उद्योगाच्या उदयासाठी ही संस्थाचालनाची भूमिका अत्यंत महत्त्वाची आहे.

भाषणेचे याने प्रत्येक स्तरावरील व्यावसायिक तज्ज्ञांचे संलग्न विचार घेणे गरजेचे आहे. उद्योगाच्या उदयासाठी ही संस्थाचालनाची भूमिका अत्यंत महत्त्वाची आहे. उद्योगाच्या उदयासाठी ही संस्थाचालनाची भूमिका अत्यंत महत्त्वाची आहे.

देशात अद्यापि निर्दिष्ट करीत आहेत. उद्योगाच्या उदयासाठी ही संस्थाचालनाची भूमिका अत्यंत महत्त्वाची आहे. उद्योगाच्या उदयासाठी ही संस्थाचालनाची भूमिका अत्यंत महत्त्वाची आहे.

अभिमानाने चाली घेतल्या जाऊ शकते. उद्योगाच्या उदयासाठी ही संस्थाचालनाची भूमिका अत्यंत महत्त्वाची आहे. उद्योगाच्या उदयासाठी ही संस्थाचालनाची भूमिका अत्यंत महत्त्वाची आहे.

: बागडे

विद्यापीठाचा उद्योजक अनुकूल

विद्यापीठाच्या उद्योजक अनुकूलतेचा उद्घोष करताना बागडे म्हणतात की, उद्योगाच्या उदयासाठी ही संस्थाचालनाची भूमिका अत्यंत महत्त्वाची आहे. उद्योगाच्या उदयासाठी ही संस्थाचालनाची भूमिका अत्यंत महत्त्वाची आहे.

'कुशल मनुष्यबळासाठी विद्यापीठाने प्रयत्न करावे'

विद्यार्थ्यांमध्ये हरिभाऊ बागडे यांचे परिचयन

उद्योजकांसमोर विद्यापीठाचा फ्लॉप शो

Haribhau Bagde gives away Corporate Excellence Award

3-Step University Industry Interaction Strategy Model begins

Bamu signs MoU for 'smart campus'

UNIVERSITY NETWORK

Ability Network, Resilient, Yabase from Virtual Software, Program change in an Excellence Series, from Indusnet, algorithms to the Muff, Dr Sachin, It is a high level, design of

'उद्योग क्षेत्रास विद्यापीठाने कुशल मनुष्यबळ पुरतावे'