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**COMPANY PROFILE**  
**2016 - 2017**

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**TURNKEY DISTILLERY & SUGAR PLANT SOLUTION**

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**BY**



**UNIVERSAL FORCES INDUSTRIES**

**UNIVERSAL CENTER,**

**PLOT NO.130C, SECT NO.10, PCNTDA**

**BHOSARI MIDC, PUNE-411026**

**MAHARASHTRA, INDIA.**

**Tel. No: 020- 66339672 / 73, 27690744**

**Emails: - [ufisales1@gmail.com](mailto:ufisales1@gmail.com) , [info@universalforces.in](mailto:info@universalforces.in)**

**[www.universalforces.in](http://www.universalforces.in)**

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## COMPANY INTRODUCTION



### MAJOR BENEFITS OF OUR PLANTS

- Superior Quality Of Alcohol
- Spacious And Innovative Architecture
- User Friendly Plant Layout
- Low Steam Consumption
- Lesser Water Requirement
- Lowest Spent Wash Generation
- Minimum Man Power For Operation
- Option Available To Run In Manual Operation

### OUR BUSINESS LINE

- Fermentation (Molasses And Grain)
- Distillation (MPR And Atmospheric)
- Molecular Sieve Dehydration (MSDH)
- Bio-Methanation
- Multi - Effect Evaporation
- Decantation
- Dryer
- Chemical Reactors
- Pressure Vessels
- Micro - Brewery
- Auxiliaries for Process plants



### OUR VALUE PROPOSITION

Universal Forces Industries (UFI) has been in Distillery Business since 1992 and has worked with more than 150 Distilleries in India and Abroad. Universal Forces Industries has Top Management with deep experience in Alcohol Plants and Veteran Alcohol Technocrat Late Mr. G. Y. Bhide had been our Technical Support

Dear Sir,

We thank you for the interest shown in our products. We take the opportunity to introduce ourselves as the leading manufacturers and suppliers of Grain and Molasses Base Distillery, MSDH, Multi effect Evaporation, Chemical, Brewery Plants etc. Through our experience of 15 years, we have established ourselves as the outstanding names in the sphere of modern process Technological Equipments & Plants.

We have specializations in Designing. Supplying and Erection of Turn Key Plants and equipments like Distillation, Alcohol Based Chemical Plants, S.S. Blending Tanks, S.S. Storage Tanks, Brew House Equipments and Allied Machinery.

UNIVERSAL FORCES INDUSTRIES are the symbol of expertise, experience and dedication to Alcohol Chemical and Industries. We are specialized in TURN-KEY Projects in Distillery, Multi Effect Evaporation, MSDH, Solvent Recovery, Bio digester, & equipments comprised of S.S. Storage tanks, Fermenter, Column, Heat Exchangers, Pressure Vessels, Reactors, Agitators, Distillation Column internal trays such as Bubble Caps. Sieve and Tunnel Type trays in S.S., Industrial Compressor Packages, Hand Operated Travelling Crane, Electrically Operated Travelling Crane etc We have complete in-house machineries in our state of art production facility. A modern plant with QA equipments, at every stage of production line to assure product quality and uniformity. Fully Skilled Technicians execute each process. A self-sufficient R&D facility with a tool room set-up to facilitate development of newer product as per customers' specific requirement.

Yours Sincerely,

**Mr. Pradeep Dhokare**

**Managing Director**

**Mob no. 9763715559**

**For, UNIVERSAL FORCES INDUSTRIES, PUNE, MAHARASHTRA**

## INTRODUCTION

Universal Forces Industries (UFI) was established in 1996 and has since then grown to become a 170 million rupee establishment. Apart from being the emerging market booster in the Alcohol plant industry the company has also worked with over fifty distilleries in India. This vast experience coupled with world class management expertise in the industry has enabled us to accumulate a rich wealth of business relationship that contributes towards our phenomenal success.



## WHAT UFI OFFERS

- \* **DISTILLATION:** Turnkey Distillery Plant Solutions including extends scope of Biogas and Evaporation Plants with efficient management system to overcome pollution problem.
- \* **MULTI EFFECT EVAPORATION:** Multi-Effect Evaporation plant which enables to concentrate spent wash up to 4-5 liter/ liter alcohol & solid concentration up to 30% from 5%.
- \* **ETHANOL( MSDH):** We offer best methodology for Production of Ethanol from Rectified Spirit using 2/ 3 Molecular Sieve Bed systems.
- \* **FERMENTATION:** Continuous / Fed Batch Fermentation Technology.

- \* **BIOGAS:** Anaerobic Reaction Digester System that is reliable cost effective & provide high yield biogas.
- \* **SOLVENT RECOVERY:** For Pharmaceutical and Bulk Drug Industries
- \* **DECANTATION:** To separate solids from spent wash.
- \* **DDGS:** To dry the DWGS to make it as solid cattle feed.
- \* **WTP:** To treat raw process & cooling water
- \* **ETP / CPU:** Treat the Process Condensate + Spent Lees + Blow down water from Boiler & Turbine from the plant to reuse as make-up water in Cooling Tower
- \* **MICROBREWERY:** Brings European beer making plants to India.
- \* **BREWERY EQUIPMENTS:** Beer Fermenters, Unitanks, Lauter Tun etc.
- \* **CHEMICAL REACTORS:** For Pharmaceutical & Chemical Industries.
- \* **HEAT EXCHANGERS:** Shell & Tube type customized designs with superior quality.
- \* **PRESSURE VESSELS:** As per customer requirement.
- \* **CO-GENERATION PLANT ACCESSORIES**
- \* **DISMELTING AND ERECTION OF OLD, NEW BOILER**
- \* **BAGASSES AND ASH HANDLING SYSTEM**
- \* **REVAMPING OF SUGAR MACHINERY**
- \* **COOLING TOWER AND AUXILIARIES**
- \* **FIRE FIGHTING SYSTEM**
- \* **SUGAR CO-GEN AND DISTILLERY AUTOMATION**

**STATEMENT OF CREDENTIALS**

<b>General Information</b>		
1	Name of the firm	<b>UNIVERSAL FORCES INDUSTRIES</b>
2	Nature of the firm	<b>Proprietary</b>
3	Year of establishment	<b>1996</b>
4	Telephone	<b>9763715559</b>
5	Telefax No.	<b>020-66339672/66339673</b>
6	Website	<b>www.universalforces.in</b>
7	E-mail ID	<a href="mailto:ufisales1@gmail.com">ufisales1@gmail.com</a> <a href="mailto:info@universalforces.in">info@universalforces.in</a>
8	Contact person- owners	<b>Mr. Pradeep Dhokare</b>
9	Company Registration No	<b>PN 0157987</b>
10	Registered Address	<b>Universal Centre, Plot No, 130 C, Sector No. 10, PCNTDA, MIDC, Bhosari, Pune-411206.</b>
11	Name & Address of proprietor, in case of proprietary firm:	<b>PRADEEP D. DHOKARE</b> <b>Nirmiti, Plot no. 142, Krishnanagar, Chinchwad, Pune – 411044</b>
12	Permanent Account Number	<b>ADKPD 3010 A</b>
13	Registration No. of ESIC and PF	<b>33000158440000699, MH / 120751</b>
14	Service Tax Reg. No.	<b>ADKPD 3010 AST 001</b>
15	Excise Registration No	<b>ADKPD 3010 AXM 001</b>
16	VST & CST certificate	<b>27180242252 V / 27180242252 C</b>
17	Work Contract Registration	<b>W-25 –F- 00575</b>
18	Name of Banker with full address	<b>HDFC Bank Ltd., Plot 1, Sec 27, Pradhikaran, Nigdi, Pune- 411044</b>
19	Style of account and account No	<b>Current : 01852560001280</b> <b>Cash Credit : 04372790000991</b>

## ORGANIZATIONAL CHART

### Key Personal proposed for carrying out work:

Name	Designation	Qualification	Exp. (Yrs.)
Mr. Pradeep Dhokare	Managing Director	BE (Mechanical)	24
Mr. Mahendra Gholap	General Manager	BE (Mechanical), MBA, Energy Auditor	15
Mrs. Geetanjali Dhokare	Finance Director	Bachelor of Arts	16
<b>Marketing Department</b>			
Mr. Anil kumar	Asst. Manager Marketing	BE (Mechanical)	14
Mr. Pravin Dhokare	Marketing Executive	B. E. (Mechanical Engg.)	2
Mr. Abhishek Kashyap	Marketing Executive	B.Tech (Chemical Engg.)	3
Mr. Noboneet Chakraborty	Marketing Executive	BE (Chemical Engineering)	4
<b>Process &amp; Design Department</b>			
Mr. Harshal Shelke	Sr. Process Engineer	Diploma in Chemical Engineering	7
Mr. Sandeep Chandole	Asst. Mgr. Mkt & Project	B. E. (Mechanical Engg.)	11
Mr. V M Kamtar	Manager Design & Engg.	B. E. (Mechanical Engg.)	23
Mr. Sudhindra Kulkarni	Mech. Draughtsman	Diploma in Mechanical Engineering	12
Mr. Prabhu Kurhade	Process & Design Engineer	B.Tech (Petrochemical Engineering)	3
<b>Project Department</b>			
Mr. Tukaram Patil	Sr. Electrical Engineer	Diploma in Electrical Engineering	6
Mr. Valmik Dhokare	Civil Engineer (Site)	Diploma in Civil Engineering	3
Mr. Bramu Yalgudari	Commissioning Eng.	B.Tech (Biotechnology)	3
<b>Purchase Department</b>			
Mr. Sunil Dighe	Purchase Manager	B.com	15

<b>Production Department</b>			
Mr. Bhausheb Shelkar	Manager Works	Diploma in Mechanical Engineering	15
Mr. Promod Patil	QC Engineer	B.E. (Mechanical Engineering)	5.9
Mr. Bhaguji Jagtap	Production Engineer	Diploma in Mechanical Engineering	7
Mr. Pundlik Khoje	Asst. Manager Works	Diploma in Mechanical Engineering	9
Mr. Sanjay Kamble	Supervisor	Diploma in Mechanical Engineering	6
Mr. Sudhir Ghadage	Supervisor	Diploma in Mechanical Engineering	8
<b>Store Department</b>			
Mr. Balasaheb Ithape	Sr. Stores Officer	Bachelor of Arts	3
<b>Account Department</b>			
Mr. Pandurang Thorat	Sr. Accounts Officer	M.com	4
Mr. Bharat Davange	Commercial Officer	M.com, GDC & A	4
Miss. Monica Hagawane	Account officer	M.com	3
<b>HR Department</b>			
Mrs. Namita Pawar	HR & Admin. Officer	MBA (HR & Finance)	3
Miss. Vrushali Dhokare	System Operator	Diploma Computer	3



## OUR VALUABLE CUSTOMER

### A) PROJECT EXECUTED RECENTLY

Sr. No.	Client	Scope
1.	Sahakarmaharshi Bhausahab Thorat Sahakari sakhar karkhana ltd, Sangamner, Dist Ahmadnagar, Maharashtra. 2015-2016	Design, Supply, Erection Commissioning of turnkey Biogas plant for 45 KLPD distillery
2.	<b>Sahakarshiromani Vasantao Kale Sahakari sakhar karkhana ltd, Chandrabhaga Nagar, Solapur, Maharashtra. 2015-2016</b>	<b>Design, Supply, Erection Commissioning of Fire Fighting and Hydrant system for 18 MW co-gen plant</b>
3.	Mapple Distillery Pvt ltd, Addis ababa, Ethiopia 2015-2016	Design, Supply, Erection Commissioning of turnkey 10 KLPD Grain & Molasses based distillation Project at Adis ababa, Ethiopia
4.	Indu Shankar sugar mill, Harion, Nepal 2015-2016 ( Amravati Madhyashala Pvt Ltd)	Capacity Enhancement of existing 5 KLPD distillery plant to 15 KLPD Capacity
5.	M/s Satish Sugars Ltd, Gokak, Karnataka 2014-2015	Supply, erection , commissioning Of forced circulation reboiler for Atmospheric Plant
6.	Premier distilleries ltd, Kampalla, Uganda 2014-2015	Design, Supply, Erection Commissioning of turnkey 30 KLPD Grain distillery Project at Kampalla, Uganda
7.	Vitthal Corporation ltd., Solapur 2013-2014	Design, Supply, Erection Commissioning of turnkey 30 KLPD multi pressure vacuum Distillery plant
8.	M/s Shambhu Mahadev Sugar & Allied, Kalamb, Osmanabad 2011-2012	Design, Supply, Erection Commissioning of turnkey 30 KLPD Multi pressure vacuum distillations Project. RS/ ENA
9.	M/S Rena co-operative sugars Ltd ,Renapur, Latur 2011-2012	Design, Supply, Erection Commissioning of turnkey 30 KLPD of Anhydrous Alcohol Plant
10.	Shree Tatyasaheb kore SSK , Warananagar	Supply of continuous fermentation plant

11.	M/s Manjara Sahakari sakhar karkhana Ltd, Latur , Maharashtra 2009-2010	Design, Supply, Erection Commissioning of turnkey 60 KLPD Multi pressure vacuum distillation Project and 60 KLPD anhydrous Alcohol Plant.
12.	M/s Malbros International Ltd	Modification of 40KLPD Multi pressure vacuum distillation Project.
13.	M/s Krishna SSK Ltd	Supply of SS column & Copper Segment with Trays
14.	Oisis Distillery Pvt Ltd	Modification of 40KLPD Multi pressure vacuum distillation Project.
15.	M/s. South Seas Distilleries Ltd., Dahanu	Design, Supply, Erection Commissioning of turnkey 30 KLPD Distillery Plant.
16.	M/s Renuka Sugars Ltd	Supply 60klpd multi pressure distillery plant
17.	Simboli Sugar UP	Supply 60klpd multi pressure distillery plant
18.	Shree Tatyasaheb kore SSSK, Warananagar	Supply 30klpd continuous fermentation plant
19.	The Ugar Sugars Ltd.	Supply 50klpd wash to Ethanol distillery plant
20.	Somaiyya organics ltd	Supply 200klpd multi pressure distillery plant
21.	Colix beverages ltd , Tamilnadu	Design, Supply, Erection Commissioning of turnkey 70 KLPD grain based multi pressure distillery plant

#### B) DISTILLERY EQUIPMENT /PROJECTS EXECUTED

Sr. No.	Client	Scope	Year
1	M/s. Aurangabad Distillery Ltd. Waluj, Aurangabad	Supply of SS Beer Fermenter and Replacement of Corroded Chimney top shell 12m long piece	
2	M/s. South Seas Distilleries Ltd., Dahanu	Continuous fermentation: Fabrication And Erection of 30 KL continuous fermentation	1998 1999

		Plant- epoxy lined fermenters	2000
3	M/s. South seas Distilleries Ltd., Dahanu.	Malt Plant: Fabrication and Erection of copper malt pots and malt fermenters.	
4	M/s. South Seas Distilleries Ltd., Dahanu.	ENA PLANT: Design, Fabrication, Erection and commissioning of 20 KL Complete machinery and piping.	1999
5	M/s. KBK Chemical Engg. And Consultancy Pvt. Ltd. Pune	Supply, Erection and Commissioning of Copper Heads Conc. Column at M/s Rajarambapu S.S.K. Ltd.	1996-2000
6	M/s South Seas Distilleries Ltd., Dahanu	Supply Erection and Commissioning of COPPER ANALYSER COLUMN AND REBOILER	1998
7	M/s. Vindyachal Distilleries, Bhopal	Erection, Accessories and piping of THERMAX boiler And Structural work, Equipment Erection and Process piping of	1997
8	M/s S.C.I. Distilleries Bhagalpur, Bihar	Structural Work Equipment Erection and Process Piping of MS / SS / CU for Distillery	1997
9	M/s IFB Agro Industries Ltd., Calcutta.	Structural Work, Equipment Erection and Process Piping of MS / SS / CU for Distillery	1996
10	M/s Alfa Laval (I) Ltd, Pune	Supply of complete multipressure distillation plants 8Nos of different capacity from 30 to 200 kl for M/s Alfa (I) Ltd Since 1999To 2005	2002 2004 2005
11	M/s. KBK Chemical Engg. & Consultancy (P) Ltd	Export order for Wash to ENA Plant, Manufacturing & supply of complete plant m/c. and piping for Myanmar Distillery,	2000
12	M/s. Shankar Sugars Ltd, Akluj, Maharashtra	Supply, Erection and commissioning of COPPER rectifier, SS 316 ANALYSER, COLUMN AND REBOILER	2003 2005

13	M/s Renuka Sugars Ltd	Supply, Erection and Commissioning of Condenser and Modification of Plant Piping	2005
14	M/s Renuka Sugar Ltd	Design and Supply of 60 KLPD multi-pressure Distillation plant Condenser	2005
15	M/s Renuka Sugar Ltd	Design and Supply of 60 KLPD multi – pressure Distillation Plant Condenser	2006
16	M/s Krishna SSK Ltd	Supply of Copper Segment and trays	2005
17	M/s Bhogavati SSK Ltd	Supply of Copper Segment and trays	2005
18	M/s Vaibhav Liquors Ltd	Repairing of Distillery Condenser	2005
19	M/s Nizam Sugar Ltd, Hyderabad	Supply of Distillery Plant Equipment	2005 2006
20	Simboli Sugar UP	Supply of Distillery Plant Equipment	2006
21	Shree Tatyasaheb kore SSSK, Warananagar	Supply of continuous Fermentation Plant	2008

**C. CUSTOMERS IN PHARMA:**

SR.NO.	Client
1	Vasantdada Sugar Institute, Pune
2	BARC
3	Reliance
4	Bioxera Pharma Pvt.Ltd.
5	Enaltec Labs
6	Flecks
7	Enaltec Labs
8	Aspha Board Pvt.Ltd.
9	Navin Fluorine International Ltd.

#### D) REGULAR CUSTOMERS

1	<b>Manjra S.S.K. Ltd, Latur</b>
2	<b>Krishna S S K Ltd., Karad (Distillery Div.)</b>
3	<b>Bhogavati S S K Ltd. Kolhapur (Distillery Div.)</b>
4	<b>Nizam Deccan Sugar Ltd., Hyderabad (Distillery Div.)</b>
5	<b>Shankar Sah. Sakhar Karkhana Ltd., Dist. Solapur (Distillery Div)</b>
6	<b>Shah Alloys Ltd., Ahmedabad ,</b>
7	<b>Aurangabad Distillery Ltd., Waluj, Aurangabad</b>
8	<b>South Seas Distilleries Ltd. Dahanu</b>
9	<b>Vindyanchal Distilleries., Bhopal</b>
10	<b>S.C.I. Distilleries Bhagalpur, Bihar</b>
11	<b>IFB Agro Industries Ltd., Calcutta (Distillery Div)</b>
12	<b>Vighnagar Dairy, Manchar, Dist: Pune</b>
13	<b>Sangamner Bhag SSK Sangamner, Dist: Ahmednagar (Distillery Div)</b>
14	<b>Rajarambapu Sahakari Sakhar Karkhana Ltd., Dist: Kolhapur (Distillery Div.)</b>
15	<b>Filtron Engg., Pune</b>
16	<b>Malpani Udyog, Sangamner, Dist: Ahmednagar</b>
17	<b>BARC Anushaktinagar, Mumbai</b>
18	<b>Cipla Ltd., Mumbai</b>
19	<b>Li-Taka Pharmaceuticals Pvt. Ltd., Pimpri, Pune</b>
20	<b>La Nova Chem. Pvt. Ltd., Mumbai</b>
21	<b>Glenmark Pharma Ltd., Mumbai</b>
22	<b>Reliance Life Sciences Ltd., Mumbai</b>

23	<b>Unichem Laboratories Ltd.,</b> Roha
24	<b>Alfa Laval (I) Ltd.,</b> Pune
25	<b>Praj Ltd.,</b> Pune
26	<b>Dynamix Dairy,</b> Baramati, Dist: Pune
27	<b>Thermax Ltd,</b> Chinchwad, Pune
28	<b>Forbes Marwill Ltd.,</b> Pune
29	<b>Anand Distilleries Pvt.Ltd.,</b> Dist: Amaravati
30	<b>Dr. Baburao Bapuji Tanpure SS K Ltd.,</b> Rahuri
31	<b>The Simbholi Sugar Mills Ltd.,</b> (Distillery Div.),Gaziabad, UP
32	<b>Ganesh SSK Ltd.,</b> Tal: Rahata, Dist: Ahamadnagar
33	<b>Mysore Sugar Ltd.,</b> Mandya, Karnataka
34	<b>Shree Chhatrapati Shahu SSK. Ltd.,</b> Kagal, Dist. Kolhapur.
35	<b>Merloni Termo Sanitary Ltd.,</b> Chakan, Dist: Pune
36	<b>Maharashtra Lead Smelting,</b> Alandi
37	<b>Royal Extrusions Pvt Ltd.,</b> Pune
38	<b>Pressure Vessels (I) Pvt Ltd.,</b> Pune
39	<b>Mather and Platt Ltd.</b> Pune
40	<b>Spenomatic (K) Ltd. Nairobi.</b> Kenya
41	<b>Pune Zillah Dudh Sangh, Katraj Dairy,</b> Pune
42	<b>Thermax Engg Constr. Co. Ltd.,</b> Pune
43	<b>Thermax Energy Perfo. Syst.,</b> Pune
44	<b>Thermax Ltd. Enviro.,</b> Division
45	<b>Thermax Ltd.,</b> ACD Division

46	<b>Vaibhav Liquor Pvt Ltd., Akola</b>
47	<b>Saraf Dairy, Daund, Dist: Pune</b>
48	<b>Finoram Sheets Ltd. At Urse. Pune (A FINOLEX Group Company)</b>
49	<b>Sinar Mas Pulp and Papers Ltd. Bhigawan, Pune</b>
50	<b>Latex India. Aurangabad</b>
51	<b>KBK Chemical Engg. &amp; Consultancy Pvt Ltd., Pune</b>
52	<b>Poona Oil and Dal Mills. Chakan Dist: Pune</b>
53	<b>Sharda Solvents., Dist: Shivapuri, MP</b>
54	<b>Renuka Sugars Ltd., Belgaum (Distillery Div.)</b>
55	<b>Indira Oxalate Ltd., Chiplun</b>
56	<b>Genesys International Ltd., Mumbai</b>
57	<b>Ammunition Factory, Khadaki, Pune</b>
58	<b>Whirlpool (I) Ltd, Pune</b>
59	<b>DAI- ICHI Karkaria Ltd., Pune</b>
60	<b>Lalan Rubber (Pvt) Ltd., Sri Lanka</b>

#### **E) INDUSTRIAL CRANE**

<b>SR.NO.</b>	<b>Client</b>
1	<b>M/s Nandi Sahkari Sakkare Karkahne Niyamit, Krishnanangar, Bijapur, Karnataka.</b>
2	<b>M/S Racold Thermo Ltd., Pune, Maharashtra.</b>
3	<b>M/S Shambhu Mahadev Sugar &amp; Allied Industries Ltd., Osmanabad</b>
4	<b>M/s Indreshwar sugar mill Ltd, Indapur, Maharashtra</b>



**NATIONAL FEDERATION OF COOPERATIVE SUGAR FACTORIES LTD.**  
**राष्ट्रीय सहकारी शक्कर कारखाना संघ लिमिटेड**

Ansal Plaza, Block-C, 2nd Floor, August Kranti Marg, New Delhi-110049 (India)  
Phone : 26263426, 26263426, 26263698, 26263881 Fax : (91-11) 26263658  
E-mail : nfcsl@spectra.net, info@coopsugar.org, Website : www.coopsugar.org

Ref.No. IA-256/2015/292

Dated- 29/06/2015

**M/s Universal Forces Industries.**  
T/3/380, Gat No. 78, Jobbanagar,  
Behind National Weigh Bridge,  
Talawade, **Pune-412114,**  
Maharashtra.

Sub.-Renewal of registration as an approved manufacturer for  
**Distillery & Ethanol Project.**

Dear Sir,

This is in reference to your letter no. NFCSF/2015, dated 13<sup>th</sup> June 2015, regarding renewal of registration as an approved manufacturer for Distillery & Ethanol Project.

We are pleased to inform you that after scrutinizing the documents submitted by you, your registration as an approved manufacturer for Distillery & Ethanol Project is renewed for a period of 3 (three) year from the date of issue of this letter i.e. up to 28<sup>th</sup> June 2018.

However, we retain our right to review and cancel your registration without assigning any reason whatsoever and without any liability on our part.

Thanking you,

Yours faithfully,

  
(B. Shivanna)  
Technical Adviser  
For Managing Director