

Voices of TRUST

CUSTOMER TESTIMONIALS & SUCCESS STORIES



Building Trust Through Engineering Excellence

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38	Mr. Manoharan	Managing Director	ABREF Pvt. Ltd., Chennai	Dilatometer	
39	Mr. Sarama S. S.	Manager	Lamco, Hyderabad	Industrial Furnace	
40	Mr. J. V. Sarama	Manager	Somany Tiles	Dilatometer	
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अंतरिक्ष विभाग

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सत्यमेव जयते

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Dr. H. Sreemoolanadhan

SCIENTIST/ENGINEER SF

July 29, 2013

TESTIMONIAL

I would like to record my appreciation about V B Ceramic Consultants, Chennai (VBCC) for realising the first Microwave Hybrid Furnace in India. We wanted to build such a furnace for sintering low-loss, high-dielectric ceramics upto 1600°C, based on results that we obtained in usual Microwave Furnace which was also built by VBCC. No company in India, except VBCC, took this challenging task. VBCC built and commissioned this MHF in 2011 with their expertise and also through constant interaction with us. This can simultaneously supply 12kW of resistive power and 4kW of microwave power into a specially insulated chamber of ~25lit volume. A Pyrometer-PID-Thyristor system measures and controls the job temperature within $\pm 1^\circ\text{C}$. The resistive and microwave powers are controlled by a single PID Controller. Adequate safety mechanisms have been incorporated and the microwave leak during peak operation is within the level as per International standard. Ample cooling keeps the microwave sources and furnace body near to ambient temperature. A PC interface with data-logging is also provided. The MHF is working very well and being used almost daily.

I wish VBCC all success in their ventures and strongly recommend their name for building up any such high-tech facility.



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Dr. H. Sreemoolanadhan
HEAD, GLASS & ELECTRONIC MATERIALS DIVISION

August 22, 2023

To

Dr. V. VISWABASKARAN
VB CERAMIC CONSULTANTS,
27A, 3rd Cross, 14th Link Road,
Nehru Nagar, Industrial Estate,
Kottivakkam, Chennai- 600 041

Sub:-- Multideck Pot Mill

Dear Sir

We are happy to say that the Multideck Pot Mill supplied by you in 2018 is still working fine and we're using it almost on daily basis for laboratory level mixing and homogenisation of ceramic slurries.

We are thankful to you providing a machine like this. Couple of technologies of microwave dielectric ceramics prepared by using your mill has already been transferred to an Indian industry for quantity production.

Yours faithfully

(Dr. H. Sreemoolanadhan)

भारत सरकार, रक्षा मंत्रालय
रक्षा अनुसंधान एवं विकास संगठन
आयुध अनुसंधान एवं विकास संस्थापन
डॉ. होमी भाभा पथ
आयुध डाकघर, पाषाण,
पुणे 411 021
भारत



आय. एस. ओ. 9001 प्रमाणित
ISO 9001 Certified



Government of India, Ministry of Defence
Defence R & D Organisation (DRDO)
Armament R & D Estt. (ARDE)
Dr. Homi Bhabha Road,
Armament Post, Pashan,
Pune : 411 021
INDIA

Website : www.drdo.com/labs/arma/arde

8th Jan 2024

Development Contract for Graphene Impregnated Toughened Alumina Ceramics (GTA)

Ref: Supply Order No. ARDE/23DC011/AMTC/ARD-1408/CM-Idated 12 Aug 22

This certifies that M/S VB CERAMICS CONSULTANTS (VBCC) was given the aforementioned development contract for Graphene Impregnated Toughened Alumina Ceramics. Dr. Viswabaskaran & team, successfully completed the development contract and the firm is currently providing the Alumina ceramics to ARDE-DRDO, Pune on regular basis as per the project requirements.

The GTA product is distinct and was developed with the interest of improving toughness and flexural strength for defence applications, especially armours. It is a demanding technological advancement developed through indigenous raw materials by our industry partner, VBCC.

B. 6-1-
Dr. Praveen Kumar B
Scientist-'F'



Dr.S.S.Satheesh Kumar
Scientist-E

Defence Research and Development Organisation
Ministry of Defence, Government of India
DEFENCE METALLURGICAL RESEARCH LABORATORY
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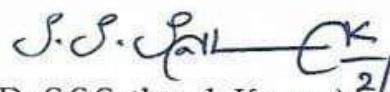
2nd July 2020

TESTIMONIAL

With immense pleasure I wish to record my experience with M/s VB Ceramic Consultants Chennai with reference to the supply of High temperature split tubular furnace. It is worth mentioning that the furnace is indigenously developed by VBCC team. The VBCC team visited us during pre-supply technical design review meeting in order to understand the exact requirement. This furnace with maximum operating temperature capability of 1450°C was supplied to our group at DMRL, Hyderabad for assembling in our servo-hydraulic test facility. The furnace was assembled in the column of our test facility through a heavy duty hinge swiveling around column. During installation, the minor modifications required in the furnace set-up is promptly addressed by VBCC team. Subsequent to the installation and commissioning, the furnace is extensively used since April 2019 for high temperature testing in the temperature regimes of 1000°C -1250 °C. The stability and performance of the furnace is satisfactorily good. VBCC team is very co-operative and respond promptly to our service & technical needs.

My heartfelt wishes to the entire VBCC team. I wish to motivate them for taking up challenging & complex tasks and execute them fruitfully in the coming days.

Yours faithfully


(Dr.S.S.Satheesh Kumar) 2/7/2020

Government of India
Department of Atomic Energy

Dr. C. Sudha, Ph.D.

Scientific Officer - G & Asso. Prof. (HBNI)
Head, Thermophysical Properties & Materials Modeling
Section
Physical Metallurgy Division
Metallurgy and Materials Group



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09 April 2025

TO WHOM SO EVER IT MAY CONCERN

Over the past few years we have interacted closely with VB Ceramic Consultants (VBCC), Kottivakkam, Chennai with respect to fabrication and supply of a pressure assisted sintering furnace and development of a binary alloy fusible plug for reactor applications.

The pressure assisted sintering furnace was designed to efficiently work up to 1650 °C under high vacuum (4×10^{-5} mbar) or inert environment in which samples could be heated at a rate of 2 °C/min to 20 °C/min in multiple thermal cycles. The furnace was designed strictly in compliance with our technical specifications and is working quite well to our satisfaction since the year 2022. In this facility we could successfully bond metallurgically incompatible dissimilar materials such Ti/SS, Ferritic-martensitic steel/Nd, alloy D9/Nd, Ti/V and Ti/Ta.

We could successfully develop a fusible plug for reactor applications thanks to the unwavering support from VBCC. This was a developmental work with R&D involved both during composition optimization and processing. The work was carried out in different stages and I am impressed by their ability to be flexible to the user needs to try different approaches and compositions. Their experience in research came handy when different processing route had to be tried for faster synthesis of this 3D product.

I sincerely appreciate their research and design abilities and look forward to interact with them on many more 'Made in India' initiatives. I wish them all success in their ventures and strongly recommend their name for custom built products.

Sudha





सीएसआईआर-केन्द्रीय काँच एवं सिरामिक अनुसंधान संस्थान
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद)
नरोडा केन्द्र
CSIR-Central Glass & Ceramic Research Institute
(COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH)
NARODA CENTRE



Res: 14(215) / Pur/2009/163

Dt. : 28.01.2016

To Whomsoever it may concern

This Is to inform that Hot Modulus of rupture measuring furnace of Model : VBCC ./ Hot MOR/ 1400°C/04 of Temp.: 1400°C (Maximum) had been supplied to CGCRI, Naroda Centre, Ahmedabad, during November 2009 by VB Ceramic consultants, Chennai. The furnace has been operational since last six years and found satisfactory. Till date, we did not face any technical problems. The technical specification of the HOT MOR is attached herewith for your ready reference.

Thanks & Regards

(Dr. Satyendra Nath Misra)
Scientist-in-Charge



सूचना
का अधिकार
**RIGHT TO
INFORMATION**

प्लॉट नं. 168-169, नरोडा इन्डस्ट्रीयल एस्टेट, नरोडा, अहमदाबाद - ३८२३३० (भारत)
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सी.एस.आई.आर.-केन्द्रीय काँच एवं सिरेमिक अनुसंधान संस्थान

(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्, भारत सरकार)

खुरजा केन्द्र, जी० टी० रोड, खुरजा-203131



CSIR-CENTRAL GLASS & CERAMIC RESEARCH INSTITUTE

(Council of Scientific & Industrial Research, Govt. of India)

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E-mail : lksharma@cgcri.res.in / csprasod@cgcri.res.in / lksharma6@rediffmail.com

Date:25.01.2016

To WHOM SO EVER IT MAY CONCERN

This is to certify that the performance of Computerised Dilatometer 1000°C (PREMIUM) , Model Number – VBCC/DIL/1000°C/26-10/11 supplied by M/s VB Ceramic Consultants, Chennai (India) for the temperature range RT – 1000 degree centigrade has been found consistently excellent.


25/1/16

Dr L K Sharma
Scientist in Charge

Head Office :

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केन्द्रीय विद्युत रसायन अनुसंधान संस्थान
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E-mail :

Date: 20.11.2012

To whom so ever it may concern

With immense pleasure, I appreciate Dr.Viswabhaskaran for his efforts to bring products like Planetary ball Mill, which play a vital role in the research activities of material synthesis. Our students and scholars are so comfortable with the results obtained are encouraging and reliable.

The planetary ball mill helps us to reduce the particle size below 50 nanometers with the use of Tungsten carbide and Zirconia milling media. Dr.Viswabhaskaran and team are able to provide valuable service to maintain the facilities.

I wish Dr.Viswabhaskaran, with his expertise to grow greater heights.

N. Kalaiselvi
(Dr.N.KALAISELVI) 20/11/12



केन्द्रीय विद्युतरसायन अनुसंधान संस्थान
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E-mail :

Dr. T. Prem Kumar
Senior Principal Scientist
Electrochemical Power Systems Division

July 31, 2013.

TESTIMONIAL

It is a pleasure to acknowledge and appreciate the business philosophy at VB Ceramic Consultants. My first purchase from the company was in 2007, and I never had to look for another supplier for my furnace requirements since then. In fact, my experience has been such that I have only been strongly recommending its products to prospective buyers.

Money is never a concern for the company. I have had the pleasure of getting several small jobs done by them for free. Their concern for the buyer is unparalleled. Moreover, their after-sales service is simply excellent. Add to these their world-class components and state-of-the-art technology—and all these at affordable prices—there is so much more to the company than its trappings. I am not surprised that it has already made forays into the international market.

They are open to change and innovation. Such customer-friendly and service-oriented establishments are indeed rare. Let me cut the long story short: VB Ceramic Consultants is a nation-builder. How I wish others emulate them!


T Prem Kumar

Dr. T. PREM KUMAR
SCIENTIST

CENTRAL ELECTROCHEMICAL RESEARCH INSTITUTE
KARAIKUDI-623 006



केन्द्रीय विद्युतरसायन अनुसंधान संस्थान
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E-mail :

Dr. D. Jeyakumar
Senior Principal Scientist and Head
Functional Materials Division

31.07.2013

TESTIMONIAL

It is my pleasure to appreciate VB Ceramic Consultants of their Business ethics and services. We have purchased the first of our box type furnace from them way back at 2006 and still it is in perfect working condition. Since then we have added number of furnaces and other products to our division and we were amazed by their performances and services. As far as servicing of the existing facilities, personnel from VB Ceramics were at CSIR-CECRI on short notices. I never had any hesitation in recommending its products to prospective new buyers. The feed back from those who opted to buy the products from VB Ceramics was always positive.

VB Ceramic Consultants, Chennai is a company that never concerned about profit making and their concern for the buyer is unparalleled. Their pricings are affordable in spite of state-of-the-art technology with excellent components. They are open to criticism of their design and willing to implement the better designs. There is no wonder their products have already found good marketing though out this country.

I could not resist in making my remarks about Dr. V. Viswabaskaran, a self committed, customer-friendly and service-oriented founder of this organisation. His efforts have made a great impact in Indian R&D scenario by making self reliant by making available large number of equipments to the researchers and industries. I wish VB Ceramic Consultants will continue their services to this Nation in the years to come.

D. Jeyakumar
Dr. D. Jeyakumar

Functional Materials Division
Central Electrochemical Research Institute
Karaiikudi - 630 006

26th June 2020

Testimonial

CSIR-National Aerospace Laboratories have procured many R&D equipment such as high temperature furnace, Microwave sintering furnace, SOFC test rig, High temperature hot corrosion furnace etc. from VB Ceramics Consultants, Chennai. All those equipment are challenging in one way or the other. Some of the above equipment were built for the first time in India. VBCC is a pioneer in developing unique facilities as per customer needs. Their equipment are valuable addition to any serious research group.

VBCC is good at taking challenging tasks and caters highly customized R&D requirements. They are doing this service at much affordable cost. VBCC service engineers are highly motivated, professional and prompt at attending our R&D requirements.

I sincerely appreciate Dr V Vishwabaskaran and his team for their service and wish them success in all future endeavors.



Dr. S Senthil Kumar

Principal Scientist

Surface Engineering Division



सेन्टर फॉर मेटिरियल्स फॉर इलेक्ट्रॉनिक्स टेक्नोलॉजी (सी-मेट)

(वैज्ञानिक संस्था, इलेक्ट्रॉनिक्स और सूचना प्रौद्योगिकी मंत्रालय, भारत सरकार)
षोरनूर रोड, मुलंगुन्नतुकावु पोस्ट, अत्तानि, त्रिशूर - 680 581, केरला, भारत



CENTRE FOR MATERIALS FOR ELECTRONICS TECHNOLOGY

(Scientific Society, Ministry of Electronics and Information Technology, Government of India)

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E-mail : cmett@cmet.gov.in URL : www.cmet.gov.in

30th June, 2020

Testimonial

Centre for Materials for electronics Technology (C-MET), Thrissur has purchased a fully automated LVDT based vertical Dilatometer from VB ceramic consultants, Chennai. The Dilatometer can measure the linear coefficient of thermal expansion (α) and linear change in dimensions (for ex. % shrinkage) up to a temperature of 1400 °C. The heating rate can be controlled from 1-10 °C per minute and the cooling can be controlled till 400 °C efficiently even with 10 °C per min. The entire data is logged for every second using a lab view based program which is custom designed as per our requirement. We are using the VBCC Dilatometer mainly for the sintering studies and the results are found to be satisfactorily. The accuracy, stability and repeatability of the dilatometer are highly reliable.

I am happy to appreciate Dr. Viswabaskaran and his team for custom built all our requirements and the service rendered is substantial. I wish their team to have great success in all their future endeavours.

Sincerely

डॉ. कार्तिक टी.
Dr. KARTHIK. T.
वैज्ञानिक / Scientist

C-MET (एम. ई. आइ.टी.वै, भारत सरकार)
C-MET (MeitY, Govt. of India)
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Dr. Vikas Jindal

Associate Professor

Department of Metallurgical Engineering

IIT (BHU) Varanasi-221005, India

Date: March 9, 2022

TO WHOM SO EVER IT MAY CONCERN

With immense pleasure, I appreciate VB Ceramics for his dedicated efforts to bring the Vacuum Hot Press and High Energy Planetary Ball Mill, which play a vital role in our research activities.

In particular I would like to express my happiness over Vacuum Hot Press, we have tested Metal powders like Tantalum, Titanium, TiB_2 e.t.c up to $1500^\circ C$ with various load level up to 20 Tons. We could succeed to get the good densified material from the supplied Vacuum Hot Press. The operation of the equipment is user friendly i.e, easy operation as well less maintainances. The temperature accuracy at high temperature of about $1500^\circ C$ is with $\pm 1^\circ C$ accuracy. Our student and scholars are so comfortable with the furnace and the results obtained are encouraging and reliable.

VB Ceramics team has been very Co-operative and providing valuable service to maintain the facilities. The important aspect about their service is the commitment towards it. They are also capable of making any custom-built products with state of art technology.

Best wishes to VB Ceramic team.

Vikas

(Vikas Jindal)

Associate Professor

धातुकीय अभियांत्रिकी विभाग

Department of Metallurgical Engg.

भारतीय प्रौद्योगिकी संस्थान (काशी हिन्दू विश्वविद्यालय)

Indian Institute of Technology (Banaras Hindu University)

वाराणसी-२२१००५/Varanasi-221005

No. SZ/TM/2020/02

Dated: 25 June 2020

TESTIMONIAL

This to recommend V.B. Ceramics Consultants (VBCC), Chennai for high temperature microwave furnace (up to 1400 °C) and microwave polymer curing furnace supplied to Indian Institute of Technology Mandi. It is worth to mention that both the furnaces are indigenously designed and manufactured by Dr. Viswabaskaran and his team. The VBCC's engineers have incorporated adequate safety mechanisms per international standards. Both the furnaces are extensively used in research work and are working satisfactorily. I am also delighted to mention that VBCC's engineers are very cooperative and efficient to provide service whenever required.

Best wishes to VBCC in all their endeavours.

Sincerely,


Digitally signed by Dr. Sunny
Zafar, DN: cn=Dr. Sunny Zafar, o=Indian Institute
of Technology Mandi, ou=School of Engineering,
ou=Faculty of Mechanical Engineering, email=sunnyzafar@iitmandi.ac.in
Reason: I am approving this
document
Location: IIT Mandi
Date: 2020.06.25 17:30:00

(Sunny Zafar)



**DEPARTMENT OF PHYSICS
INDIAN INSTITUTE OF TECHNOLOGY – MADRAS
CHENNAI 600 036 INDIA**

Prof. V.R.K. MURTHY
Microwave laboratory
IIT Madras

No. :
Date: 30-11-2005

TO WHOM SO EVER IT MAY CONCERN

This is to express my appreciation to the founder of M/s. VB Ceramic Consultants, Chennai (formerly New Solution Ceramic Consultants) Dr. V. Viswabaskaran and his team members for his entrepreneurship and efficiency in design and development of hot-zone furnaces, planetary ball mills, microwave furnace and structural ceramics and related measurement/characterization units for both industrial and academic community of our country. I focus my opinions pertinent to planetary ball mill and microwave furnace for sintering electronic ceramic components such as barium titanate related ferroelectric and dielectric materials.

Dr. Viswabaskaran has agreed to design and fabricate the above two units for our academic research requirements. I am very happy to say that he has developed the units indigenously at affordable cost that is comparatively less than imported ones. We have continuously interacted with him during the process of microwave furnace development and successfully verified the feasibility of the unit for barium substituted perovskite sintering. Consequently the unit has been installed in our laboratory and we have successfully sintered barium titanate ferroelectrics repeatedly. The properties have been compared with conventional sintering ones and found satisfactory.

Dr. Viswabaskaran is very cooperative in his approach and I have understood that his priority is to develop the units indigenously for scientific and industrial needs. He is very sincere and receptive to the requirements of the costumers. I am very much happy and comfortable to discuss our technical problems for solutions from him. Such an attitude reflects his understanding ability and whole-hearted cooperation to let the costumers achieve their goals.

V.R.K. Murthy
Prof. V.R.K. MURTHY
DEPT. OF PHYSICS
INDIAN INSTITUTE OF TECHNOLOGY
CHENNAI 600 036 INDIA



NATIONAL INSTITUTE OF TECHNOLOGY

Warangal – 506004
Telangana State, INDIA

Dr. Ajoy Kumar Pandey
Associate Professor
Department of Metallurgical and Materials Engineering
Qualification: Ph.D. (IIT Kharagpur)
Contact: Mobile: +91-8332969388, Office: +91-8702462525
Email: ajoy@nitw.ac.in



Date: 26.03.2025

Testimonial

We have been using the **VB Ceramics Consultants Box-Type Furnace (1400 °C and 1600 °C)** for sintering, heat treatment, and high-temperature oxidation studies, and its performance has been exceptional. The furnace consistently delivers **precise temperature control and uniform heating**, ensuring reliability throughout extended testing cycles.

One of the most remarkable features of this furnace is its **ability to operate continuously for over 10,000 hours at 850 °C** without any fluctuations or performance degradation. This long-term stability has been crucial for our oxidation studies, providing **consistent and reproducible results**.

We truly appreciate the **robust build quality and user-friendly interface** of VB Ceramics' furnaces. Their **excellent technical support and prompt customer service** have further enhanced our experience.

We extend our best wishes to the **VB Ceramics Consultants team** for their future endeavours and continued success.

Dr. AJOY KUMAR PANDEY
Associate Professor
Dept. of Metallurgical & Materials Engg
NIT Warangal, Pin-506 004, Telangana



DEPARTMENT OF METALLURGICAL & MATERIALS ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI
TIRUCHIRAPPALLI - 620 015, TAMIL NADU, INDIA.

Telefax : 0431 - 2500133
Phone : 0431 - 2503450
E-mail : method@nitt.edu

Dr. S. KUMARAN

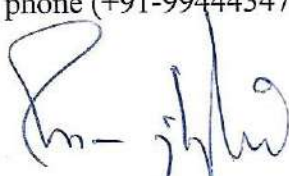
26th Dec. 2013

Associate Professor

TO WHOM SOEVER CONCERN

This is to certify that M/s VB Ceramic Consultant, Chennai has supplied Pressure Composition Isotherm (PCI) apparatus to our research laboratory. The instrument is meant for studying hydrogen absorption and desorption of metallic and non-metallic materials with varying temperature and pressure.

The instrument was designed and fabricated by M/s VB Ceramic Consultant, Chennai and working satisfactorily. If any further queries, please contact me by mail (kumara@nitt.edu) or phone (+91-9944434705)



(S. KUMARAN)

Dr. S. KUMARAN
Associate Professor
Dept. of Metallurgical and Materials Engg.
National Institute of Technology
Tiruchirappalli - 620 015, Tamil Nadu, INDIA



DEPARTMENT OF METALLURGICAL & MATERIALS ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY

(Formerly Regional Engineering College, Tiruchirappalli)
TIRUCHIRAPPALLI - 620 015, TAMIL NADU, INDIA

Tel (off) : 91-0431-2503450 Fax : 91-0431-2500133 Website : www.nitt.edu

LETTER OF APPRECIATION

Department of Metallurgical and Materials Engineering, National Institute of Technology, Tiruchirappalli-15 would like to appreciate **M/s. VB Ceramic Consultants, Chennai 41**, had designed innovatively and developed **Vacuum Melting Furnace** with Bottom Pouring arrangement. The furnace is working satisfactorily. There are great advantages towards maintenance, cost of the equipment, less floor area. The service rendered by M/s. VB Ceramics Consultants Engineers and Technicians have deserve great appreciation which enabled us to execute the completion of light metal casting and this furnace is useful for several scholars working for Ph.D. And it is also useful for M.Tech and B.Tech students for their project work.

We appreciate the same response and services during our future procurements

Wishing your organization success in the future.

Place Tiruchirappalli, India

Date: 10.06.2013



Regards,

Dr. S.P. Kumaresh Babu

Associate Professor,
Department of MME,
National Institute of Technology,
Tiruchirappalli- 15, Tamil Nadu, India.



Department of Ceramic Technology

A C Tech Campus, Anna University
Chennai – 600 025

Dr. P. Manohar, Ph.D, F.I.I.Cer
Professor & Head

23.07.2013

TO WHOMSOEVER IT MAY CONCERN

This is to express my appreciation to the founder of M/s. VB Ceramic Consultants, Chennai. Dr. V. Viswabaskaran and his team members for his entrepreneurship and efficiency in design and development of High Temperature Furnace 1800°C, PCE Furnace 1700°C, Hot MOR 1600°C, Planetary Ball Mill (High Energy), Roller Hearth Furnace, Dilatometer, Flexural Strength and related measurement/characterization units for both industrial and academic community of our country.

Dr. Viswabaskaran has supplied some of the above units for our academic research requirements. I am very happy to say that he has developed the units indigenously at affordable cost that is comparatively less than imported ones. Now these units are working with satisfactory and service rendered by M/s. VB Ceramic Consultants Engineers and Technicians have deserve great appreciation which enabled us to complete the our Research works.

I focus my opinions pertinent to Planetary Ball Mill and Dilatometer for electronic ceramics applications such as ferroelectric and dielectric materials. In Planetary Ball Mill we have achieved particle size range starting with 5nm (10^{-9}) within short time of 30min. This Instrument has no wear & tear, very effective, less power consuming and more efficient. Thermal Expansion Co-efficient is measured for all ceramic materials using Dilatometer, which is useful in electronic ceramics, Tile Body and Glaze Mismatch and etc. These Instruments are very useful for Ph.D scholars, M.Tech, and B.Tech students for their project work.

Dr. Viswabaskaran is very cooperative in his approach and I have understood that his priority is to develop the units indigenously for scientific and industrial needs. He is very sincere and receptive to the requirements of the customers. I am very much happy and comfortable to discuss our technical problems for solutions from him. Such an attitude reflects his understanding ability and whole-hearted cooperation to let the customers achieve their goals.

I wish him in all his endeavours.


Dr. P. MANOHAR, Ph.D., F.I.I.Cer.,
Professor & Head
Department of Ceramic Technology
A.C. College of Technology Campus
Anna University, Chennai - 600 025



CENTRE FOR NANO SCIENCE & TECHNOLOGY
ANNA UNIVERSITY CHENNAI, CHENNAI - 600 025, INDIA

Dr. R. JAYAVEL
Director

Tel. : 91-44-22203422
Fax : 91-44-22201169
E-mail : rjvel@annauniv.edu
rjvel@yahoo.com

Date: 06.08.2009

TO WHOM SO EVER IT MAY CONCERN

With immense pleasure, I appreciate Dr. Viswabaskaran for his dedicated efforts to bring products like High Temperature Furnace, Microwave Furnace and Planetary Mill, which play a vital role in the research activities of Nanoscience and Technology. Our students and scholars are so comfortable with the furnaces and the results obtained are encouraging and reliable.

The stability of the furnace is so constant for sintering and calcining various types of materials like Nanoceramic composites, Metal Oxide nanoparticles and Ferroelectric materials. The temperature is very accurate even at high temperatures of about 1400°C with $\pm 1^\circ\text{C}$ accuracy. It is so safe and easy to handle at various circumstances. The planetary mill helps us to reduce the particle size below 50 nanometers with the use of Tungsten carbide and Zirconia milling media. Dr. Viswabaskaran and team are able to provide valuable service to maintain the facilities. They are also capable to making any custom-built products with state-of-the-art technology and much sophisticated.

I wish Dr. Viswabaskaran, with his expertise and dedication, to grow greater heights.

(R. JAYAVEL)

Dr. R. JAYAVEL
DIRECTOR
CENTRE FOR NANOSCIENCE AND TECHNOLOGY
ANNA UNIVERSITY CHENNAI
CHENNAI-600 025, INDIA



Anna University
PROGRESS THROUGH KNOWLEDGE

S. Balasivanandha Prabu, Ph.D.(Engg.), FIE,
Professor

Department of Mechanical Engineering
College of Engineering Guindy

Sardar Patel Road, Chennai - 600 025, INDIA
T: +91 44 2235 7744 | F: +91 44 2235 7744
sivanandha@annauniv.edu
<https://www.annauniv.edu/dme/people.html>

Testimonial

We have been using Vacuum hot press set up (1600°C) made by VB ceramic consultants, Chennai for sintering studies since 2021 and its performance has been satisfactory. The furnace delivers precise temperature control, vacuum control and uniform heating ensuring reliability throughout the extended cycles.

The graphite die provided together with the set up has ensured its performance working for more than 200 hours. One of the most promising features of the set up is maintaining vacuum below 10^{-4} mbar consistently for each cycle of more than 8 hours.

VB ceramics team offered exceptional support during installation and responded to us immediately whenever any service requirement occurred. We truly appreciate the user friendly interface and technical support of the VB ceramics team. I also strongly recommend VB ceramics to anyone seeking furnace related solutions.

Wishing the VB ceramics Consultants, Chennai a continued success in all future endeavors.

S. Balasivanandha Prabu



Dr. V.BALASUBRAMANIAN, M.E., Ph.D (IITM),
Professor & Director,
Centre for Materials Joining & Research (CEMAJOR),
ANNAMALAI UNIVERSITY,
Annamalainagar – 608002, Chidambaram – (T.K)
Tamilnadu (state)

Tel: 04144-239734; Fax:04144-238275; Mobile: 9443412249; Email: cemajorannamalai@gmail.com

LETTER OF APPRECIATION

V.B.Ceramic Consultants (VBCC), Chennai is known to us for the last fifteen years as potential manufacturers of Furnaces and Ceramic Equipments. We have purchased Tubular Sintering Furnace (1600 deg C) in 2010 from VBCC utilizing **UGC-SAP** grant. In 2012, we have purchased High Temperature Diffusion Bonding Machine from VBCC utilizing **DST-FIST-Level-2** grant. In 2013, we have purchased Chemical Vapour Deposition (CVD) Machine, Physical Vapour Deposition (PVD) Machine, Microwave Furnace, Dilatometer (1400 deg C) from VBCC utilizing **UGC-Innovative Program Fund**. In 2014, Thermal Cycling Furnace was purchased from VBCC using **DRDO-ARDB project grants**. We have purchased few other instruments like Planetary Ball Mill, 1000 deg C Induction Furnace, Spin Coating Machine and Low Temperature Chamber from VBCC. All these machines and instruments are working satisfactorily and so far **25 Ph.D scholars** utilized these facilities to carryout their Ph.D work and published more than **100 research papers** in reputed International Journals over the period of last 10 years.

In 2013, we have signed a Memorandum of Understanding (MoU) to indigenously design and develop “Reactive Thermal Plasma Reactor to synthesis SiAlON and Silicon Nitride from Fly Ash” under the Clean Technology Scheme of Ministry of Environment & Forests, Government of India and VBCC contributed more **Rs. 25 lakhs** to develop this Reactor as an Industrial Partner. In 2015, we have signed another MoU to financially support ONE Ph.D scholar to carryout research on “Synthesis of Single Walled Carbon Nanotubes using Chemical Vapour Deposition (CVD) process”. Under the **VB Ceramic Research Fellowship (VBCRF)**, one of our Ph.D scholars (Mr. V.Sivamaran) worked and successfully developed CNTs using CVD process and VBCC spent nearly **Rs. 10 lakhs** for this project work. VBCC, Chennai has helped us technically and supported financially in all our endeavors and **Dr. Viswa Baskaran**, Managing Director of VBCC **generously and magnanimously supported** all our research activities of our Centre/Department since 2005. We wish to continue our journey further in the coming years with the support of VBCC. I wish all the very best to VBCC for their future endeavors.

Place: Annamalainagar

Date: 15th July 2020

Dr. V.BALASUBRAMANIAN, M.E., Ph.D (IITM),
PROFESSOR & DIRECTOR,
Centre for Materials Joining & Research (CEMAJOR)
Annamalai University, Annamalai Nagar - 608 002.



ALAGAPPA UNIVERSITY

[Accredited with A+ Grade by NAAC (CGPA : 3.64)
and Graded as Category-I University by MHRD – UGC]



Prof. C. SEKAR
Dean-Research

July 06, 2020

Certificate of Appreciation

This is to certify that **M/s VB Ceramic Consultants, Chennai** had supplied two high temperature furnaces and a gas sensor set up to my laboratory and a number of custom designed instruments to other laboratories at Alagappa University. All the instruments are working satisfactorily and we are able to produce many good results using those instruments. Also, based on my experiences in working at NTT Corporation, Japan and IFW-Dresden, Germany for more than 8 years, I can confidently say that the high temperature equipments and other specialized ceramic products supplied by VBCC are of international standard. I am very much aware that the VBCC is marching ahead in the manufacturing of high ended custom designed products indigenously. I also happened to visit their R&D laboratory located close to the company. Overall, the VBCC has been nurturing and practicing innovations with manufacturing capabilities on a par with leading international players in the ceramics and related domain.

I convey my congratulations and best wishes for many more successes in future too.

DEAN-RESEARCH



DEPARTMENT OF PHYSICS
(UGC - SAP, DST-FIST & DST- PURSE Supported)
ALAGAPPA UNIVERSITY

(Accredited with A+ Grade by NAAC (CGPA : 3.64) and
Graded as Category - I University by MHRD-UGC)



Dr.G.RAVI Ph.D., PDF(JSPS), D.Sc.,
Professor & Head

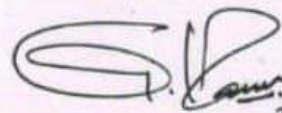
Date : 29-06-2020

TO WHOM SO EVER IT MAY CONCERN

With immense pleasure, I appreciate Dr. V. Viswabaskaran for his dedicated efforts to bring products like High Temperature Furnace, 50 Ton Multipurpose press and Planetary Mill, which play a vital role in the research activities of Nanoscience and Technology. Our students and scholars are so comfortable with the furnaces and the results obtained are encouraging and reliable.

The stability of the furnace is so constant for sintering and calcining various types of materials like Nanoceramic composites, Metal Oxide nanoparticles and Ferroelectric materials. The temperature is very accurate even at high temperatures of about 1400°C with $\pm 1^\circ\text{C}$ accuracy. It is so safe and easy to handle at various circumstances. The planetary mill helps us to reduce the particle size below 50 nanometers with the use of Tungsten carbide and Zirconia milling media. Dr. V. Viswabaskaran and team are able to provide valuable service to maintain the facilities. They are also capable to making any custom-built products with state-of-the-art technology and much sophisticated.

I wish VBCC all success in their ventures and strongly recommend their name for building up any such high-tech facility.


(Prof.G.Ravi) 29/06/2020

Dr. G. RAVI, Ph.D., D.Sc.,
Professor & Head
Department of Physics
Alagappa University, Karaikudi - 630 004

Science Campus,
Karaikudi - 630 003,
Sivagangai District,
Tamilnadu, India,

Tel : 04565-230251
Fax : 04565-225 525, 04565-225 202
Web : www.alagappauniversity.ac.in
E-Mail : raviganesa@rediffmail.com



ALAGAPPA UNIVERSITY

(A State University, Reaccredited by NAAC with A++ with 3.64 CGPA)

DEPARTMENT OF NANOSCIENCE AND TECHNOLOGY (DNST)

5th Floor, Science Campus, Karaikudi-630003, Tamil Nadu, India

Dr.G.Ramalingam, Assistant Professor

Principal Investigator, DST- SERB Research Project

E-mail: ramalingamg@alagappauniversity.ac.in

Ref .No/Alu/nano/GR/Testimonial

Date 10th July-2020

Testimonial

Its my pleasure to appreciate the business philosophy at VB ceramics consultants and proprietor Dr.V.Viswabaskaran. I started to buy these products since 2016 and I have never purchased this furnace, spin coating, Spray coating unit anywhere else, as the quality of the products is best than any other.

I had referred many about these products, the quality and the customer satisfaction are very good and also after sell service is simply excellent. More innovative and the prices are more affordable. The effort they have put in designing of the equipment supplied is indigenous, efficient and affordable in comparison with the imported items. In short this is the best product in the market. I wish him growth and happens of the company.



Dr. G. RAMALINGAM, Ph.D.
Principal Investigator & Asst. Professor
Dept. of Nanoscience & Technology
Alagappa University
Karaikudi - 630 003, India



PERIYAR UNIVERSITY

SALEM - 636011, TAMIL NADU, INDIA

NAAC A Grade - State University - NIRF Rank 68

Dr. E.K. GIRIJA
Assistant Professor

Date:03.07.2020

TO WHOM SO EVER IT MAY CONCERN

I am writing this testimonial in favour of VB Ceramics who has supplied us microwave reactors. As a part of our research work, we were working on the conversion of eggshell biowaste into a value-added commercial product namely hydroxyapatite which is a bone substitute. Our initial work on synthesis of hydroxyapatite from eggshell biowaste was facilitated using a domestic microwave oven more easily with a relatively less yield. This work on the microwave synthesis of hydroxyapatite from eggshell biowaste has got a lot of citation in the community. We wanted to proceed further in this regard and thought of making a continuous flow microwave reactor. For this we designed a pilot scale microwave reactor and an industrial scale microwave reactor.

Having come to know about VB Ceramic's experience in making various kind of furnaces and microwave reactors, we approached them for the fabrication of the microwave reactors. Dr. Viswabaskaran readily accepted and joined with us as industrial collaborator in a DST sponsored research project to successfully fabricate the microwave reactors. Although, we gave a formal design and idea about our request, Dr. Viswabaskaran and his team had exchanged their ideas with our research group and fabricated the microwave reactors. The pilot scale microwave reactor is working well and we got our first paper published out of it very recently. The continuous flow microwave reactor fabricated by VB Ceramics made our DST project a grand success. As the name itself suggests, the continuous flow microwave reactor has enhanced the rate of synthesis and hence the yield of the product.

VB Ceramics under the leadership of Dr. Viswabaskaran is a very promising company in making different kinds of furnaces and I would appreciate their efforts not only for the microwave reactor which they built for us but also for their other high temperature products.

(E.K.GIRIJA)



VIT
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Testimonial

I am happy to write the testimonial for VB Ceramics. I have been highly benefited through the research collaboration with Viswabhasakaran and his team from 2005. We are using three furnaces provided by VB Ceramics and the service provided has helped us to maintain the furnaces for more than 15 years. VBCC came forward to update the machines and have always helped our students to execute projects by using their high end equipments. Apart from furnaces, VIT has several casting equipment, ball milling equipment, coating units and micro wave furnaces which was developed through collaborative projects with VBCC. Apart from equipment, VB supplies high quality ceramic balls and powders for our research in the area of Biomaterials. The research facility developed at VB ceramics further support us in characterisation of our samples. Thus VB ceramics has provided a good platform for researchers to accomplish their vision through their support.

I wish VBC a great success in all their new projects on product development and help India to be self-reliant.

With Best Wishes

Geetha Manivasagam,
Director, CBCMT,
Vellore Institute of Technology, Vellore



VIT[®]
UNIVERSITY

(Estd. u/s 3 of UGC Act 1956)

VELLORE ■ CHENNAI

www.vit.ac.in

Prof. (Dr.) A. Nirmala Grace
Professor & Director,
Center for Nanotechnology Research,
VIT University
Email: director.cnr@vit.ac.in, anirmalagladys@gmail.com
Phone: 0416 220 2461

LETTER OF APRICATION FOR VB CERAMIC CONSULTANTS

This is to express my appreciation and recommendation towards the installation of High-temperature Vacuum hot press to Dr.V.Viswabaskaran and his team especially S.Mathan and Raja Kumaran. The effort they have put in designing of the equipment and further customizing it in accordance to our need is directly appreciable. I am delighted to say the equipment supplied is indigenous, efficient and affordable in comparison with the imported items. Overall, the Hot press supplied to us s catering to our requirements and is highly efficient and we are very happy about the purchase.

As I know VB ceramics since 2010, who had supplied Tubular furnace (1200°C), which was our first equipment from VBCC and ever since I never had a second thought to contact the concern for customized equipments such as Heat Transfer system, gas sensors, High-temperature hot press and other general equipments like Ball milling Hot Air Oven, etc.

Dr. V.Viswabaskaran and his team were very co-operative and providing efficient service to main service and solve the problems and modifications provided by our research scholars within a week time

Best wishes to Dr.V.Viswabaskaran and his team VBCC.

Sincerely,

(Dr. A. Nirmala Grace)

Dr. A. Nirmala Grace
Director

Centre for Nanotechnology Research
VIT University, Vellore - 632 014.

Vellore - 632 014, Tamil Nadu, India; Phone: 91- 416 - 2243091 (10 Lines) Fax : 91 - 416 - 2243092

E-mail: registrar@vit.ac.in www.vit.ac.in



SAGI RAMA KRISHNAM RAJU ENGINEERING COLLEGE

(AFFILIATED TO ANDHRA UNIVERSITY, VISAKHAPATNAM) (RECOGNISED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI)

(Accredited by N.B.A., A.I.C.T.E., NEW DELHI)

CHINNA AMIRAM (P.O.) :: BHIMAVARAM :: W.G.Dt., A.P., INDIA :: PIN: 534 204

Tel : 91-8816-223332 Fax: 08816-229377 Website: www.srkrec.ac.in

DEPARTMENT OF MECHANICAL ENGINEERING

Date: 04-04-2016

LETTER OF APPRECIATION

We would like to express to you (M/s. V.B. Ceramic Consultants, Chennai-41) our warmest admiration for your unfailing service to us for supplying a novel Vacuum Electric resistance melting furnace with bottom pouring arrangement. We greatly appreciate your efficiency in providing best products and services. You have delivered our order within the time frame and have given us equipment that is of the best quality. We were highly impressed to see the quality of the products and the knowledge of the delivery man who made us understand the operation of the product. The service rendered by you has enabled us to complete the AICTE funded research project in time. The equipment supplied by you is also used for carrying out the Ph.D. research work and as well as M.Tech and B.Tech. project works.

We hope you will continue with your exceptional service in the coming years as well. We hope that our working relations with you will continue for more years to come. We look forward for long association with you.

With regards,

Dr. S. RAJESH
Co-Investigator

ASSOCIATE PROFESSOR
Dept. of Mechanical Engg.
S.R.K.R. Engineering College
CHINNA AMIRAM (P.O.)
BHIMAVARAM-534 204


Dr. P. RAMA MURTY RAJU
Principal Investigator

PROFESSOR
Dept. of Mechanical Engg.
S.R.K.R. Engineering College
CHINNA AMIRAM (P.O.)
BHIMAVARAM-534 204



SASTRA
ENGINEERING · MANAGEMENT · LAW · SCIENCES · HUMANITIES · EDUCATION
DEEMED TO BE UNIVERSITY
(U/S 3 OF THE UGC ACT, 1956)



THINK MERIT | THINK TRANSPARENCY | THINK SASTRA

Dr. Sakthivel Gandhi
Hybrid Materials Laboratory (HML), ASK-1-101
Assistant Professor, SASTRA Deemed University
Thanjavur – 613 401
Email: sakthivel@scbt.sastra.edu
www.hybridmaterials laboratory.com

14/07/2020
Thanjavur

I am well known to M/s VB Ceramic Consultants (VBCC), Chennai for the past five years since, I purchased a tailor-made tubular furnace for my research purpose. The system was made at a relatively lower cost with all my necessities. I was quite convinced with the designed product along with their work ethics and progress. As far as tailor made products are concerned, time is the important criteria in addition to the quality, cost, and lifetime of the product where, they complete the work in a couple of weeks. Their work made me curious enough to update myself in the field of ceramics. As a ceramic researcher, it gives me immense pleasure to appreciate M/s VBCC, Chennai for their accomplishments. I have experience in purchasing various ceramic based products and furnaces from more than five different companies around the world. But, I could sort the uniqueness and standards only with M/s VBCC. The cutting-edge research which are going on in the various institutions across world should have the industrial partners at sometimes to transfer the research into an end-use product. So, the pivotal role of industries at developing end-use products are vital. In the similar lines, I can positively refer M/s VBCC to address the research problems that will surely help researchers to end-up with their own product. So, I wish M/s VBCC for all success in their projects and strongly recommend M/s VBCC to the researchers for developing their facilities at their concerned centre.

(Dr. Sakthivel Gandhi)



LETTER OF APPRECIATION

Department of Production Engineering, Velammal Engineering College, Chennai-600066, would like to appreciate M/s. VB Ceramic Consultants, Chennai- 600041, had designed innovatively and developed Stir Casting Furnace with Bottom Pouring arrangement. The furnace is working satisfactorily. There are great advantages towards maintenance, cost of the equipment less floor area.

The service rendered by M/s. VB Ceramics Consultants Engineers and Technicians have deserved great appreciation which enabled us to execute the completion of light metal casting and this furnace is useful for several scholars working for Ph.D. And it is also useful for M.Tech and B.Tech students for their project work. We appreciate the same response and services during our future procurements.

Wishing your Organization success in the future.

Place: Chennai, India.

Date: 31/3/2016.


Regards,



Dr. P. JAWAHAR

Associate Professor and Head,
Department of Production Engg,
Velammal Engineering College,
Chennai- 66, Tamil Nadu, India

PONDICHERRY UNIVERSITY

(केंद्रीय विश्वविद्यालय/A Central University)

भौतिक-विज्ञान विभाग/DEPARTMENT OF PHYSICS



Dr. S. Gokul Raj, Ph. D.,

आर.वी.नगर/R.V.NAGAR, कालापेट/KALAPET

सह आचार्य/Associate Professor

पुदुच्चेरी/PUDUCHERRY-605 014

Date: 06th June 2025

TESTIMONIAL

To Whomsoever it may concern,

Over the past many year (more than 17 years), I am closely associated with VB Ceramic Consultant, Chennai as a client. They first supplied me high temperature SiC Furnace and High energy ball milling during 2008 when I was a DST-Young Scientist at NIT, Trichy. I could successfully achieve the single-phase samples and the accuracy of the furnace was so good that during each and every cycle, I could achieve the same phase.

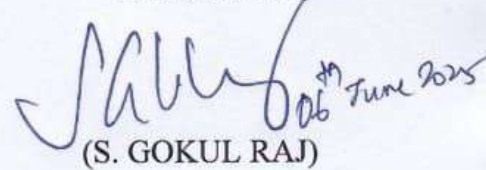
When I was a faculty at VelTech University, I purchased a 'SiC' furnace during 2012 in a Sponsored project and that also worked very well and till date even after I left the institution long back in 2016. I came to know recently that the researchers changed only SiC rod and till date as of now in 2025, it works well and the temperature is maintained with greater accuracy even after a decade.

Apart from their commercial aspects, VBCC has established a research firm which nurtures young researchers and also provide them basic research facilities at lower costs to underprivileged students, university and college students which is service to the society in terms of improving their knowledge and thereby increases the chances of the younger generation for employability with more skills for sustained development.

In my opinion, VBCC satisfies some of the Sustainability Development Goals (SDG) such as (1) Gender Equality (SDG-5), (2) Clean Water and Sanitation (SDG-6), (3) Decent Work & Economic Growth (SDG-8), (4) Industry, Innovation & Infrastructue (SDG-9), (5) Responsible Consumption & Production and (6) Life on Land (SDG-15) which shows VBCC, their commitment and contribution to the society as a responsible organization

My Wishes for all the team members of VBCC

Yours sincerely


(S. GOKUL RAJ)

Email: gokulraj@pondiuni.ac.in

Mobile: 9444039559



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Dr. S. BALAMURUGAN, M. Sc, Ph. D (I.I.T-B)

Associate Professor

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Editorial Board Member in:

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International J. Materials Science Research
J. Chemical Engineering and Materials Science
International J. Condensed Matter Physics
The Open Superconductors Journal
Journal of Physics & Astronomy

31st July 2013

Appreciation Letter

To

Dr.V.Viswabaskaran

VB CERAMIC CONSULTANTS

27A, 3rd Cross, 14th Link Road, Venkateswara Colony

Nehru Nagar Industrial Estate, Kottivakkam

Chennai- 600 041, Telefax: 044 2454 0691.

Dear Dr. Viswabaskaran,

I am writing this letter to you in few words on the appreciation of your supplied indigenous research instruments/items such as, High temperature tubular furnace (1600°C), High vacuum pump, Glove box, Planetary Ball Mill, Hydraulic press with Die sets to us. We are regularly utilizing these above items for our productive research work. We are satisfied with your supplied items and your services which extended to us whenever we requested.

In particular, I would like to express my happiness over your supplied Planetary Ball Mill. In order to reduce the particle size in to nano-scale (nm), we have tested variety of binary oxides and complex metalo-cuprate materials in our VBCC Planetary Ball Mill. We could succeed to the lowest average particle size of 8 and 10 nm for the binary oxides and complex oxide systems, respectively without any contamination from the tungsten carbide (WC) grinding jar with medium. From our experimental findings I believe that your supplied Planetary Ball Mill is worth for doing efficient research on nanomaterials. Finally I conclude that your supplied Planetary Ball Mill is simple and efficient tool for producing average particle size into few nm.

Thanks and best regards

Dr. S. BALAMURUGAN



MOUNT CARMEL COLLEGE, AUTONOMOUS

58, Palace Road, Bengaluru - 560 052

Dr. UMA V
Research Director

08-07-2020

TO WHOMSOEVER IT MAY CONCERN

With immense pleasure I appreciate Dr. Viswabaskaran for his dedicated efforts to bring products like Temperature Furnace, Planetary Mill, Sensor units (Gas and Humidity sensor), Chemical Vapor Deposition unit, which plays a vital role in the research activities and post graduate programme of Nano Science & Technology. Our students and research scholars are comfortable with the units and the results are encouraging and reliable. It is safe and easy to handle at various circumstances.

Dr. Viswabaskaran and his team are able to provide on-time services and maintenance facilities. They are also capable in making any custom-built products with state-of-the-art technology and sophistication.

I wish VBCC all success in their venture and strongly recommend their name for the building up any instrument with high-tech facilities.

(Dr. UMA V)

Research Director
CENTRE FOR SCIENTIFIC RESEARCH
AND ADVANCED LEARNING
Mount Carmel College
B, Palace Road, Bengaluru - 560 052.



DEPARTMENT OF MECHANICAL ENGINEERING
GITAM INSTITUTE OF TECHNOLOGY
GANDHI INSTITUTE OF TECHNOLOGY AND MANAGEMENT (GITAM)
(Declared as deemed to be University u/s 3 of UGC Act, 1956)
Accredited by NAAC with 'A+' Grade
Rushikonda, Visakhapatnam – 530 045 (AP)

Dr. Chintada Shoba
Assistant Professor

Ph.No: 0891-2840250
Mobile: 9985032287

Email: shobachintada@gmail.com

02-07-2020

TO WHOMSOEVER IT MAY CONCERN

This is to express my gratitude to the founder of M/s.VB Ceramic Consultants, Chennai. I would like to record my appreciation to Dr.V.Viswabaskaran and his team for his entrepreneurship and efficiency in the design, development and further customizing the **Planetary ball mill** (Maximum Speed: 300 RPM (Variable), **Hydraulic Press** (Capacity: 20 Ton) and **Micro wave sintering furnace** (Maximum Temperature: 1600 deg C) in accordance to our need for the completion of DST-SERB project is very much appreciable.

Dr.Viswabaskaran has also supplied Dies of good quality and other miscellaneous items that are required to carry out experimentation. I am very much pleased at his indigenous effort in supplying us all the above said units with affordable cost at right time. We are very much satisfied as all the units procured are working in good condition and the service rendered by M/s. VB Ceramic Consultants deserve great appreciation which enabled us to complete our research.

Apart from supplying the above research units we are thankful to Dr.Viswabaskaran and his team for carrying out Micro-structural analysis (SEM) and X-ray diffraction studies efficiently in M/s.VB Ceramic Consultants. The procured items are very much useful for our academic and research purpose. Dr.Viswabhasakaran is very cooperative. He is very sincere and his approach is flexible as per the requirements of the customer. We are glad to discuss our technical problems with him too.

I strongly recommend VB Ceramics for the high quality, scientific, industrial and academic efforts which the institutions in our country have built up.

Ch. Shoba

(Shoba Chintada)



HIL

HYDROGRAPHENIUM INDUS LAB PRIVATE LIMITED
(A SUBSIDIARY OF G-POWER ENERGY & TECHNOLOGY PVT. LTD.)

CIN : U74999TN2018PTC123911

Date: 04/04/2025

TESTIMONIAL

I am pleased to share my positive experience with VB Ceramics. In 2022, I purchased a **Laboratory Rotary Furnace** and **Box Furnace** (both rated up to 1000°C) from VB Ceramics, specifically for our research and development work in **energy storage materials**.

Both furnaces have been performing exceptionally well, providing excellent temperature uniformity and stability, which are essential for the synthesis and processing of advanced energy storage materials. Even after consistent usage, the furnaces continue to operate reliably with minimal maintenance, supporting high-quality and repeatable experimental outcomes.

VB Ceramics' team offered excellent support during installation and setup. Their professionalism, commitment to service, and technical expertise made the entire process smooth and efficient.

I truly appreciate VB Ceramics for supplying high-quality laboratory furnaces that have significantly contributed to our research success. I strongly recommend VB Ceramics to anyone seeking dependable and efficient furnace solutions, especially in the field of energy storage technology.

Wishing the VB Ceramics team continued success in all their future endeavors.

With Best Wishes

S. + [Signature] 04/04/2025

Dr.Raghu Subash chandrabose, (Director)

+91-9790995822



Dr. V. Sivamaran., M. E., PhD

Post Doctoral Researcher (PDF),
The Pharmaceutical Manufacturing Technology Centre (PMTC),
Bernal Institute,
University of Limerick, Ireland
Email: sivamaranv@gmail.com



Dear Prof. Dr. V. Viswabaskaran Sir,

MD, VB CERAMICS
27A, 14th Link Road, 3rd Cross,
Venkateswara Colony,
Nehru Nagar Industrial Estate,
Kottivakkam, Chennai-600041.

I hope this message finds you well. I wanted to take a moment to express my heartfelt gratitude for your **generous support through the VB Ceramics Fellowship during my PhD studies.** **Your belief in my academic pursuits has made a significant impact on my journey, and I am truly thankful for your unwavering support.**

I am thrilled to share some exciting news with you. **I have recently been awarded a postdoctoral fellowship at the University of Limerick.** This opportunity marks a significant milestone in my academic career, and I couldn't have reached this point without the foundation of knowledge and experience gained during my PhD, which was made possible by your kind sponsorship.

Your support has not only facilitated my academic growth but has also instilled in me a deep sense of responsibility and dedication to advancing knowledge in my field. I am eager to continue my research at the University of Limerick, and I am committed to upholding the standards of excellence that your support has inspired in me.

Once again, thank you for your generosity, humility, and belief in my potential. I look forward to sharing my progress with you in the coming years.

With the utmost respect and gratitude,



Dr. V. Sivamaran



ABREF PRIVATE LIMITED

(MANUFACTURERS OF REFRACTORIES / KILN FURNITURE)

Regd. Office & Works F-17, SIPCOT Complex, Guindy Road, 601 201 T.N., India

Ph 0091-4119-222762/222761/224295 Telex 0091-4119-222761

Website: www.abref.org E-mail: abref@vsnl.com



M/s VB Ceramic Consultants
Velachery,
Chennai



Dear Mr. Viswabhaskaran,

11th May , 2004

I congratulate you for manufacturing & supplying to ABREF (P) LTD.,
Your first Thermal Dilatometer for measurement of thermal expansion up
to 1300 degree Centigrade.

I had always wanted to have this equipment in our laboratory but due to the high cost of imported units (above 10 lacs) and the non availability of a reliable supplier in our country the idea was not pursued. I remember the day when we met and i just opened the idea for you to try this equipment. Your sincere attempt in following up this request resulted in our company deciding to go for this equipment. I had also fixed an amount which we can budget for the equipment and you had without hesitation accepted the same as only such decisions take us a long way in business life.

As a person who has closely involved in handling precision instruments I saw in you the ability to come up with this equipment. I am proud to tell you that you have brought out a fine equipment which is now in regular use for R & D purpose in our labs and has crossed 50 tests. I am happy with the results being obtained with the equipment and the consistency of operation. I also thank you for the fine after sales service you have provided especially training our staff on the day-to-day usage requirements.

We at ABREF wish you and your team at M/s VB Ceramic Consultants, Chennai, A very successful future in all your ventures.

N. G. Manoharan
V. G. Manoharan.



LAMCO
INDUSTRIES
PRIVATE LIMITED

25.06.2007

TO WHOMSOEVER IT MAY CONCERN

This is to express our appreciation & commendation to the founder of M/s. VB Ceramic Consultants, Chennai, Dr.V.Viswabaskaran and his team members for their ingenuity & efficiency in the design and development of Top Hat Kiln for the sintering of our ceramic wares.

Dr. Viswabaskaran had agreed to design, fabricate and supply this Top Hat kiln for our application which was the first of its kind in their execution. In doing so, we have continuously interacted with their team members for taking trials and understanding the behaviour of the kiln at each stage. The narrow band of electrical results of our product across the various cross sections of the kiln have implied fairly good temperature uniformity inside the kiln yielding only 2.5% variation which is the best performance seen in any kiln used by us so far.

Dr.Viswabaskaran has been very co-operative and receptive to resolve all issues on the performance of the kiln. We were very happy & comfortable to discuss our technical problems to get solutions from him throughout the period of trials on this furnace.

Commercially also the pricing of this furnace was very very cost effective in comparison to ones of any other brands in India or abroad with exactly same specification. We are also very much happy about the excellent control he exercises on the delivery as most of the components / parts are within his group companies.

Unhesitantly, we may mention that this performance far exceeds those of any brand of furnaces of international origin.

Best wishes to him & his team.

For **LAMCO INDUSTRIES PRIVATE LTD.,**

AKELLA S.S. SARMA,
VICE – PRESIDENT

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(Formerly Lamco Lightning Arrester Mfg. Company Pvt. Ltd.)



AN ISO 9001 : 2000 COMPANY

**SOMANY**

Date: 30.11.2023

TO WHOM SO EVER IT MAY CONCERN

1. This is certify that the performance of computerised Dilatometer 1000 deg. Supplied by M/S.VB CERAMIC CONSULTANT, CHENNAI (INDIA) for temp range 1000 deg. Centigrade has been found consistency excellent. Operation of instrument is also good.
2. This is certify that the performance of PILOT ROLLER KILN 1200 deg. Supplied by M/S VB CERAMIC CONSULTANT, CHENNAI (INDIA) for temp range 1200 deg. Centigrade has been found consistency excellent. Performance is good.
3. his is certify that the performance of MICROWAVE OVEN 1300 deg. Supplied by M/S VB CERAMIC CONSULTANT, CHENNAI (INDIA) for temp range 1300 deg. Centigrade has been found consistency excellent.

for 

J.V.SARMA

(G.M.Q/A, Q/C)

Somany Ceramics LTD

SOMANY CERAMICS LIMITED

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17-C, KEERAIKARANTHATTU, TISAIYANVILAI - 627 657
Tirunelveli District, Tamil Nadu, INDIA

Date:20.01.2012

TO WHOM SO EVER IT MAY CONCERN

Herewith we are expressing our appreciation to Dr.V.Viswabaskaran, Proprietor of M/s. VB Ceramic Consultants and his team members for his dedicated efforts in design and development of sand heating equipments to our organization. They have supplied four numbers of double shaft screw model and two numbers of metal conveyor model with capacity of 3 tone/hour. The equipments are user friendly and we have obtained encouraging and reliable results from the equipments.

. Dr.Viswabaskaran and team has been very co-operative and providing variable service to maintain the facilities. We were very happy and comfortable to discuss our technical requirements to get solutions from him through out the period of development of sand heating equipment.

FOR V V MINERAL