



Anand Nagar, Krishnankoil - 626126, Srivilliputtur (via), Virudhunagar District, Tamilnadu.

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:07-12-2020

Department	MECHANICAL ENGINEERING	Application No.	202020071
Area of Research	INDUSTRIAL DESIGN	Research Mode	PART TIME

Name :JOEL VINOthsINGH
Date of Birth / Age :11-01-1981 / 40 Years
Gender :MALE
Category :BC
e-Mail ID :cliffrajjoel@gmail.com
Mobile :9962523548



Joel Vinodh Singh

Father's/Husband's Name	SELVASINGH CK	Father's/Husband's Occupation	RETIRED PRIVATE SECTOR EMPLOYEE
Family Income	15 LPA	Residential Type	URBAN
Birth Place	MUNNAR	Mother Tongue	TAMIL
Religion	CHRISTIAN	Marital Status	MARRIED
Aadhaar No.	329881919119	PAN No.	AFEPV6390K
Physically Challenged	NO	Type of Disability	-
Address for Communication: F1, NEW NO 2 TEMPLE ROAD FIRST CROSS STREET, JAWAHAR NAGAR CHENNAI CHENNAI DISTRICT TAMILNADU INDIA Pin-600082		Permenant Address: F1, NEW NO 2 TEMPLE ROAD FIRST CROSS STREET, JAWAHAR NAGAR CHENNAICHENNAI CHENNAI DISTRICT TAMILNADU INDIA Pin-Tamilnadu	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
MASTER OF ENGINEERING	CAD CAM	ANNA UNIVERSITY / RVS COLLEGE OF ENGINEERING	2004	73	FIRST	REGULAR
BACHELOR OF ENGINEERING	MECHANICAL	MANONMANIUM SUNDARANAR UNIV / DR SIVANTHI ADITANAR COLLEGE OF ENGINEERING	2002	66	FIRST	REGULAR

Experience				
Organization	Designation	Experience From	Experience TO	Work Nature
BARRY WEHMILLER INTERNATIONAL	DELIVERY LEADER	2013-10-16	1970-01-01	MANAGEMENT OF ENGINEERING DESIGN PROJECTS
PETRO CONSTRUCTORS PVT LTS	STAFF MECHANICAL ENGINEER	2009-02-10	2013-10-10	DESIGN AND DETAILED ENGINEERING FOR ALTERNATIVE FUEL PLANT

BIOZEEN, BANGALORE BIOTECH LABS	MANAGER BIOPROCESS DESIGN	2006-02-10	2009-02-05	DESIGN AND DETAILED ENGINEERING FOR BIOPHARMACEUTICAL FACILITIES AND EQUIPMENT
SCIGENICS INDIA PVT LTD	DESIGN ENGINEER	2005-01-10	2006-02-05	DESIGN ENGINEERING FOR FERMENTERS AND BIOREACTORS

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202020071_201209000228	VHD49540828181	09-12-2020	600	SUCCESS

Strengths, weaknesses, and potentials of Engineering Design Services in India

Abstract

India is a highly intellectual country and the world's Engineering outsourcing hub. There is a surge of highly talented and skilled engineers and designers which leads to the increased potential of engineering services being outsourced to India. We are very effective communicating in English, which is universal. Willingness to learn, having the spirit to work hard and serve the industry are the most significant strengths. This is a sector that yields very high foreign exchange, knowledge sharing and poised to grow beyond boundaries over the years. On the contrary, sometimes we do not meet the schedule and hesitate to ask doubts, which becomes our weakness.

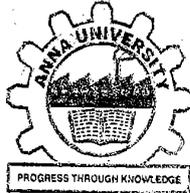
With the bountiful experience of being part of engineering teams, this research is proposed to go deep into the various industrial sectors and areas that are engineered in India. With the growing call for "Make in India", we also have to propagate "Designed in India" as a profound geographical indicator. This proposed research will consolidate the information of engineering consultancies, their clientele, their key strengths, an insight into their finances and year on year growth.

Though early-on it was thought that only the low-end drafting, conversion or rasterization, and more were main products of focus, the shift towards high-end analytical development like Computation Fluid, Finite Element is worthwhile to understand.

Efforts will be made to understand the clientele, their locations and how they benefit from the sector. Details on concentration of companies, geographical spread, urban-rural divide, within India will be analyzed, and efforts will be made to identify the states that are strong in this business. The research will also analyze success - failure criteria and showcase what the best practices are, to be successful from both the provider and taker.

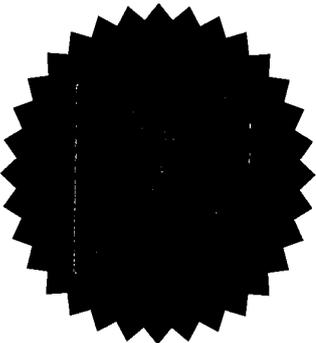
The study also will indicate the factors to be considered to set up a team to perform engineering in India. Many companies have their offshore engineering excellence centres here.

The final product will be a website and directory that will have public access to information, which will be an eye-opener to seekers of engineering and technology. This also will allow students to have a database for their future prospective employers.



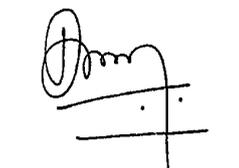
The Syndicate of the Anna University hereby makes known that
JOEL VINOHSINGH S C *has been admitted to the* **DEGREE OF**
MASTER OF ENGINEERING *in* **CAD/CAM** *having satisfactorily*
completed the prescribed programme of study and having been certified by
duly appointed examiners to be qualified to receive the same and having
been placed by them in the **First Class** *at the Examination held in* **June**
2004.

Given under the Seal of the University



Chennai 600 025
India
December 2004


Registrar


Vice-Chancellor

Sl.No. 100311

Read by	
Checked by	



மனோன்மணியம் சுந்தரனார் பல்கலைக் கழகம்
MANONMANIAM SUNDARANAR UNIVERSITY

B.E. DEGREE EXAMINATION
BRANCH IV : MECHANICAL ENGINEERING
STATEMENT OF MARKS

SL. No. : BL 00008228

NAME OF THE CANDIDATE								REGISTER NO.				DATE OF PUBLICATION							
JOEL VINOOTH SINGH S C								9952767				07/06/2002							
COLLEGE OF STUDY								COLLEGE NO.				CENTRE NO.				EXAM M&YR.			
SIVANTHI ADITANAR COLLEGE OF ENGG. TIRUCHENDUR								507				507				APR-02			
SUB CODE	MARKS	R.	M/Yr.	SUB CODE	MARKS	R.	M/Yr.	SUB CODE	MARKS	R.	M/Yr.	SUB CODE	MARKS	R.	M/Yr.				
311	73	P	A99	L31	60	P	A00	L41	45	P	A00	L51	53	P	N00				
312	52	P	A99	L32	52	P	N99	L42	70	P	A00	L52	74	P	N00				
313	45	P	A99	L33	45	P	N99	L43	62	P	A00	L53	60	P	N00				
314	51	P	A99	L34	52	P	N99	L44	52	P	A00	L54	45	P	N00				
315	54	P	A99	L35	57	P	N99	L45	72	P	A00	L55	48	P	N00				
316	61	P	A99	L36	57	P	N99	L46	69	P	A00	L56	59	P	N00				
317	58	P	A99	L37	76	P	N99	L47	61	P	A00	L57	83	P	N00				
318	80	P	A99	L38	68	P	N99	L48	55	P	A00	L58	81	P	N00				
319	74	P	A99																
31A	86	P	A99																
L61	76	P	A01	L71	70	P	N01	L81	78	P	A02								
L62	62	P	A01	L72	54	P	N01	L82	62	P	A02								
L63	77	P	A01	L73	60	P	N01	L83	76	P	A02								
L64	51	P	A01	L74	80	P	N01	L86	160	P	A02								
L65	54	P	A01	L77	88	P	N01	L8B	64	P	A02								
L66	74	P	A01	L78	70	P	N01	L8F	72	P	A02								
L67	70	P	A01	L7G	82	P	N01												
L68	86	P	A01	L7H	71	P	N01												
TOTAL MARKS								CLASS											
3093/4700								FIRST											

Joel Vinooth Singh

Signature of the Candidate

Dr. M. Sivasankaran Nair

Dr. M. Sivasankaran Nair

Controller of Examinations

Date :

ABISHEKAPATTI
THIRUNELVELI - 627 012.
TAMILNADU, INDIA.

NOTE :

- Any alteration or overwriting makes this Statement of Marks invalid. Any one coming across such a Statement of Marks is requested to bring it to the notice of the Controller of Examinations, Manonmaniam Sundaranar University, Thirunelveli - 627 012.
- Any clarification or query on this Statement of Marks should be addressed to the Controller of Examinations.
- Abbreviations: Sl. No. - Serial Number; Sub: - Subject; R - Result; M - Month; Yr - Year; A - April; N - November; AA - Absent.

	Max. Marks	Passing Minimum
Each Theory Subject	100	Not less than 45%
Each Practical subject	100	Not less than 50%
Project Work	200	Not less than 50%

5. Classification of result :

I Class : Not less than 60% in aggregate if the candidate completes within seven semesters.

I Class with Distinction : Not less than 75% in aggregate if the candidate passes all the examinations in the first attempt.

All other candidates who passed all the subjects shall be declared to have passed in SECOND CLASS.

Class is awarded based on the marks obtained from III to VIII semesters.

B.E. – FOUR YEAR DEGREE CODE LIST**SUBJECT CODES FOR BRANCH – MECHANICAL ENGINEERING****FIRST YEAR**

311	English
312	Mathematics
313	Applied Physics
314	Applied Chemistry
315	Basic Engg. I
316	Basic Engg. II
317	Engineering Drawing
318	Physics Lab
319	Chemistry Lab
31A	Workshop Practice
V3A	Mathematics
V3B	Physical Science

} Lateral Entry Candidates only

SEMESTER III

L31	Mathematics III
L32	Engg. Mechanics I-Statics
L33	Electrical Technology
L34	Thermodynamics
L35	Fluid Mechanics
L36	Electronics & Microprocessor

PRACTICAL

L37	Electrical Machinery & Electronics Lab
L38	Workshop I

SEMESTER IV

L41	Mathematics IV
L42	Computer Programming
L43	Mechanics of Solids
L44	Thermal Engineering
L45	Engg. Mechanics II – Dynamics
L46	Machine Drawing

PRACTICAL

L47	Strength of Material & Fluid Mechanics Lab
L48	Computer Lab

SEMESTER V

L51	Numerical Methods
L52	Gas Dynamics and Jet Propulsion
L53	Instrumentation & Control Systems
L54	Material & Metallurgical Science
L55	Mechanics of Machines
L56	Production Technology I

PRACTICAL

L57	Instrumentation/Dynamics & Metallurgy Lab
L58	Workshop II

SEMESTER VI

L61	Engg. Economics & Energy Management
L62	Turbo Machines
L63	Mechanics of Machines II
L64	Machine Design & Drawing
L65	Production Technology II
L66	Power Plant Engineering

PRACTICAL

L67	Mechanical Lab I/Fluid Machinery Lab
L68	Workshop III & Metrology Lab

SEMESTER VII

L71	Operation Research
L72	Heat & Mass Transfer
L73	Computer Aided Designing & Computer Aided Manufacturing
L74	Design of Transmission System

PRACTICAL

L77	CAD, CAM & Microprocessor Lab
L78	Mechanical Lab II

SEMESTER VIII

L81	Statistical Quality Control & Reliability Engg.
L82	Principles of Management & Industrial Psychology
L83	Automobile Engineering

PRACTICAL

L86	Project Work
-----	--------------

SEMESTER VII – ELECTIVES

L7A	Aeronautical Engg.
L7B	Internal Combustion Engg.
L7C	Fluid Power Control
L7D	Finite Element Method
L7E	System Modelling & Simulation
L7F	Metal Forming Process
L7G	Non Traditional Machining Techniques
L7H	Workstudy
L7J	Plant Layout & Material Handling

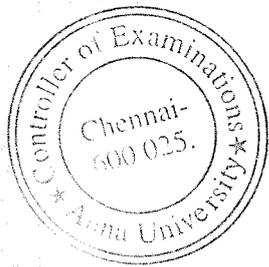
SEMESTER VIII – ELECTIVES

L8A	Nuclear Engineering
L8B	Refrigeration & Air Conditioning
L8C	Industrial Robotics
L8D	Artificial Intelligence & Expert System
L8E	Theory of Metal cutting & Tool Design
L8F	Modern Manufacturing System
L8G	Production Planning & Control
L8H	Personal Management
L8J	Marketing Management
L8K	Entrepreneurship Development
L8L	Design Practice of Jigs & Fixtures



M.E. DEGREE EXAMINATIONS
CONSOLIDATED STATEMENT OF MARKS

NAME OF THE CANDIDATE		JOEL VINOthsINGH S C	REGISTER NO.		91302402005	
COLLEGE OF STUDY		913: R.V.S College of Engineering and Technology	MONTH & YEAR OF LAST APPEARANCE		June 2004	
PROGRAMME & SPECIALIZATION		M.E. CAD/CAM	REGULATIONS		2002	
SEM.	SUBJECT CODE	SUBJECT TITLE	MAX	MIN	MARKS SECURED	MONTH & YEAR OF PASSING
01	CD133	Finite Element Analysis	100	50	059	Apr 2003
01	CD142	Mechanical Vibrations	100	50	059	Jun 2004
01	CD143	CAD Lab	100	50	084	Dec 2002
01	ED132	Computer Applications in Design	100	50	057	Dec 2002
01	PD132	Concurrent Engineering	100	50	074	Dec 2002
01	PE039	Robotics and Sensors	100	50	058	Dec 2002
01	ID036	Total Quality Management	100	50	081	Dec 2002
02	CD035	Computer Integrated Manufacturing Systems	100	50	075	Apr 2003
02	ED043	Product Design and Development Strategies	100	50	058	Apr 2003
02	ED142	Computer Integrated Design	100	50	053	Apr 2003
02	PE034	Manufacturing Information Systems	100	50	075	Apr 2003
02	PE049	CAM Laboratory	100	50	088	Apr 2003
02	ED044	Advanced Strength of Materials	100	50	058	Apr 2003
02	PE052	Manufacturing System and Simulation	100	50	067	Apr 2003
03	ED143	Design for Manufacture	100	50	076	Dec 2003
03	PE050	Data Communication in CAD/CAM	100	50	059	Dec 2003
03	PE141	Flexible Competitive Manufacturing System	100	50	065	Dec 2003
04	CM233	Project Work	600	300	529	Jun 2004
End of Statement						
Classification : FIRST CLASS						
Total Marks : 1675 / 2300						
Percentage (rounded to nearest integer) : 73						



Medium of Instruction : ENGLISH

Chennai - 600 025.
Date : 15/10/2004


Controller of Examinations

SI. No.: 002535

Read by	
Verified by	

R.V.S. COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE affiliated to Anna University)
Accredited by NBA - New Delhi ISO-9001:2000 Certified
Rvs Nagar, Karur Road, Dindigul - 624 005
☎ 0451 - 2431344, 2431345 & 04551 - 227230, 227237

Transfer Certificate

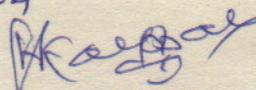
No. 2

Admission No. 2K2066

01. Name of the student (in block letters) : JOEL VINOOTH SINGH S.C.
02. Name of the Parent : C.K. SELVA SINGH
03. Date of birth as entered in the Admission Register : 11.1.1981 Eleventh January
: Nineteen Eighty One
04. Nationality, Religion & Community : Indian-Christian-Nadar-BC
05. Admission No. (if any) : 2K2066
06. Date of Admission : 23.9.2002
07. Class in which the student was studying at the time of leaving (in words) : final year M.E CAD/CAM
08. Whether passed / promoted : Refer Mark sheet
09. Whether the student has paid all the Fees due to the Institution : Yes
10. Date on which the student actually left the Institution : June 2004
11. Date on which the application for Transfer Certificate was made : 3.9.2004

Date: 3.9.2004
(with seal)




Principal
R. V. S. College of Engineering & Technology
Dindigul - 624 005

Ref: BBL/CORP-HR/R/18/R00/032
Date: 20.02.09

To:

Mr. Joel Vinoth Singh
E 335, 13th Street,
Periyar Nagar,
Chennai - 53

Dear Joel,

Sub: Relieving Letter

This is in reference to your resignation letter dated 7th January 2009 and submission of the Clearance Certificate.

You are relieved from the close of working hours of 18th February 2009.

You are reminded of the Confidentiality Agreement - "Knowledge Sharing Undertaking and Acknowledgement" signed with us. Please ensure compliance of the same to avoid any legal action on you.

We wish you the very best in all your future assignments.

Regards,



Dr. Anil Paul Kariath
Co-Founder & President

SERVICE LETTER

TO WHOM SO EVER IT MAY CONCERN



This letter is to indicate that **Mr. Joel Vinoth Singh** has worked in Petro Constructors Pvt Ltd as “**Manager- Mechanical**” from **26th February 2009** to **8th October 2013**.

During this period he worked in the following areas.

1. Build, Lead & Manage a team of Engineers
2. Project Planning, Scheduling, Reviewing & Reporting
3. Mechanical Design Calculation for Process equipment using PV Elite and Tank Software
4. Process Equipment detailing
5. Plant 3D modeling, review, Isometric Preparation & Delivery
6. Outsourcing, review and delivery of Piping Stress analysis and Structural Design & Detailing
7. Co-Ordination with counterparts in USA/ Europe through Conference calls & emails
8. Management Representative for ISO quality system
9. Support in commissioning Non edible Vegetable oil purification plant located in USA
10. Collecting field data for a Bio diesel plant to prepare As built drawing located in Europe.

He is sincere, dedicated and clear in his thinking. He delivered the mechanical deliverables to the required quality and in time.

He is leaving Petro Constructors Pvt Ltd for his better future.

We wish him success in all his future Endeavour.

For Petro Constructors Pvt Ltd


DR. HUU NGHIA VUONG
Director

PETRO CONSTRUCTORS PVT. LTD.
ODYSSEY TOWER, 2ND FLOOR
45/47 FIRST MAIN ROAD
GANDHI NAGAR, ADYAR
CHENNAI, TN 600 020
INDIA

P : (+91) 044 - 4242 7272
F : (+91) 044 - 2445 6414

आयकर विभाग
INCOME TAX DEPARTMENT

भारत सरकार
GOVT. OF INDIA

JOEL VINOHSINGH

SELVASINGH KIRUBAKARAN CLIFFORD

11/01/1981
Permanent Account Number

AFEPV6390K

Signature

भारत सरकार

1.201.2007

இந்திய அரசாங்கம்
Government of India

ஜோயல் வினோத்சிங்
Joel Vinothsingh

பிறந்த நாள் / DOB : 11/01/1981
ஆண்பால் / Male

3298 8191 9119

எனது ஆதார், எனது அடையாளம்

इस कार्ड को खोने/पाने पर कृपया सूचित करें/लौटाएं:

आयकर पैन सेवा इकाई, एन एस डी एल

पहली मंजिल, टाइम्स टॉवर, कमला मिल्स कम्पाउंड, एस. बी. मार्ग,

लोअर परेल, मुंबई-400 013.

*If this card is lost / someone's lost card is found,
please inform /return to :*

Income Tax PAN Services Unit, NSDL

1st Floor, Times Tower,

Kamala Mills Compound,

S.B.Marg, Lower Parel, Mumbai - 400 013.

Tel: 91-22-2499 4650, Fax: 91-22-2495 0664

email: timinfo@nsdl.co.in



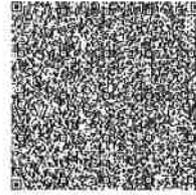
ஆதார்

இதழை நன்றாகப் படிக்கவும் ஆன்மையான அமைப்பு

Unique Identification Authority of India

முகவரி: புதிய 2, பழைய18, எப்1, பரல் ஓலிவ்
அபார்ட்மெண்ட், முதல் கிராஸ் வீதி, கோயில்
ரோடு, முருகன் கோயில் அருகில், ஜவஹர்
நகர், ஜவஹர் நகர், ஜவஹர் நகர், சென்னை,
தமிழ் நாடு. 600082

Address: New 2, Old 18, F1, Pearl Oliv
Apartment, First Cross Street, Temple Road,
Near Murugan Temple, Jawahar Nagar, Jawahar
Nagar, Jawahar Nagar, Chennai, Tamil Nadu,
600082



3298 8191 9119



1947



help@uidai.gov.in



www.uidai.gov.in

UNION OF INDIA Driving Licence (Tamil Nadu)

DL No. **TN69Y2000000291** (NT)

Date of Issue: **09-03-2000** Valid Till: **16-07-2030**

Date of Birth: **11-01-1981** Blood Group: **B+**

Name: **JOEL VINO THSINGH S C**

Son/Daughter/Wife of: **SELVASINGH C K**



TND02761617 **TN69Y2000000291**

LMV 09-03-2000 Badge Date

MCWG 09-03-2000 Badge No.

Address: **NEW NO 2 OLD NO 18 F1 PAARL OLIV APARTMENT
1ST CROSS STREET TEMPLE ROAD NEAR MURUGAN
TEMPLE JAWAHAR NAGAR CHENNAI 600082**

Holder's Signature: 

Signature of Issuing Authority: 
TN05 CHENNAI NORTH RTO

Form 7 (Rule 16(2))