

0199286

CERTIFICATE S. NO. B

DEPARTMENT OF GOVERNMENT EXAMINATIONS, MADRAS 600 006.

**MATRICULATION EXAMINATION**

X STANDARD

ISSUED UNDER THE AUTHORITY OF THE GOVERNMENT OF TAMIL NADU

Certified that

N RAMANATHAN

appeared for the

MATRICULATION Examination and obtained the following marks :

APR 98

SUBJECT	MAX	MARKS		
ENGLISH	200	137	ONE	THREE SEVEN
SEC. LANG. HINDI	200	121	ONE	TWO ONE
MATHEMATICS	200	172	ONE	SEVEN TWO
SCIENCE	300	259	TWO	FIVE NINE
HISTORY & GEOGRAPHY	200	154	ONE	FIVE FOUR
TOTAL	1100	0843	ZERO	EIGHT FOUR THREE

DATE OF BIRTH	REGISTER NO.	TMR CODE NO. & DATE
02-05-83	234924	M534518 30.06.98
MATRICULATION SCHOOL	CLASS	
S S K V M HSS KANCHEEPURAM	FIRST	

A PASS IN THE MATRICULATION EXAMINATION REQUIRES A MINIMUM OF THIRTY FIVE PERCENT OF MARKS IN EACH ONE OF THE FIVE SUBJECTS. THIS INCLUDES PASSING UNDER THE COMPARTMENTAL SYSTEM ALSO.

N. Ramanathan

Candidate's Signature :



SECRETARY  
BOARD OF MATRICULATION  
EXAMINATION  
TAMIL NADU

அரசுத் தேர்வுகள் துறை, சென்னை - 600 006.  
DEPARTMENT OF GOVERNMENT EXAMINATIONS CHENNAI - 600 006.

## மேனிஸைல்பள்ளிக் கல்விச் சான்றிதழ் HIGHER SECONDARY COURSE CERTIFICATE

பொதுக்கல்வி / GENERAL EDUCATION

தமிழ்நாடு அரசின் அதிகாரத்திற்கு உட்பட்டு வழங்கப்படுகிறது  
ISSUED UNDER THE AUTHORITY OF THE GOVERNMENT OF TAMIL NADU

Certified that

தேர்வர் N RAMANATHAN

appeared for the MAR. 2000

ஆம் ஆண்டு திங்களில் மேனிஸைல்பள்ளி இறுதி வகுப்புத் தேர்வுவழிக் கீழ்க்காணும் மதிப்பெண்களைப் பெற்றுள்ளார் என்று சான்றளிக்கப்படுகிறது.

Higher Secondary Examination and obtained the following marks :

பரடம் SUBJECT	பெற்ற மதிப்பெண் 200க்கு MARKS OBTAINED FOR 200
HINDI	158 ONE FIVE EIGHT
ENGLISH	147 ONE FOUR SEVEN
PHYSICS	163 ONE SIX THREE
CHEMISTRY	196 ONE NINE SIX
COMPUTER SCIENCE	168 ONE SIX EIGHT
MATHEMATICS	183 ONE EIGHT THREE
மொத்த மதிப்பெண் TOTAL MARKS :	1015 ONE ZERO ONE FIVE

GROUP CODE 599

பிறந்த நாள்/DATE OF BIRTH 02/05/83	பதிவேண்/REGISTER NO. 795889	ம.உ.ப. குறியீட்டெண் மற்றும் நாள் TMR CODE NO. & DATE 6248951 31.05.2000
பள்ளியின் பெயர் / SCHOOL S S K V MHSS KANCHEEPURAM		

இத்தேர்வில் தேர்ச்சிபெற ஒவ்வொரு பரடத்திலும் 200க்குக் குறாம அளவு 70 மதிப்பெண் பெறவேண்டும். இது பகுதி முறையில் தேர்வு எழுதித் தேர்ச்சிபெறவதற்கும் பொருந்தும். MINIMUM FOR A PASS : 70 MARKS OUT OF 200 IN EACH SUBJECT, THIS INCLUDES PASSING UNDER THE COMPARTMENTAL SYSTEM ALSO.



N.Ram anathan  
தேர்வாளர் குப்பம்  
Candidate's Signature

செயலாளர்  
மேனிஸைல் பள்ளிக்கல்வித் தேர்வுக் குழுமம், தமிழ்நாடு  
Secretary

BOARD OF HIGHER SECONDARY EXAMINATION TAMIL NADU



# UNIVERSITY OF MADRAS

B. E. DEGREE EXAMINATION

[FIRST YEAR]

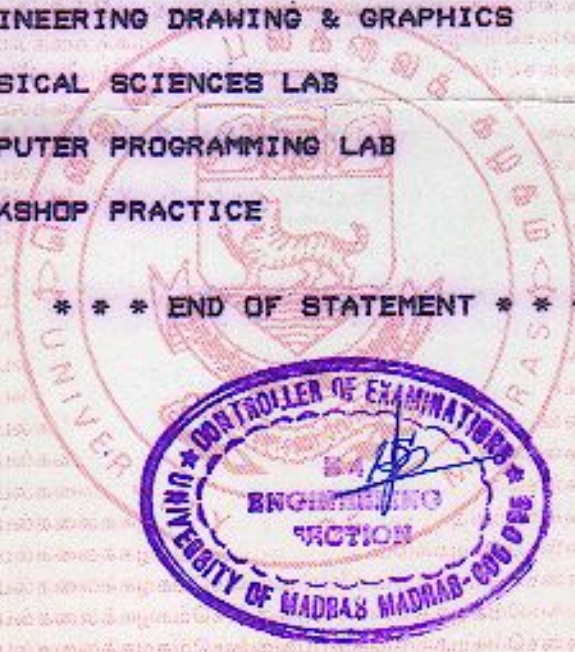
## STATEMENT OF MARKS

2KI

0352168

NAME OF CANDIDATE <b>RAMANATHAN N</b>	REGISTER NO./ ENROLMENT NO. <b>8008957</b>	CENTRE NO. <b>1357</b>	SERIAL NO. <b>48341</b>
BRANCH NAME <b>MECHANICAL ENGINEERING</b>	MONTH & YEAR <b>APR. 2001</b>	PUBLICATION CODE AND DATE <b>KTK 30-07-2001</b>	

SEM.	NAME OF SUBJECT	SUBJECT CODE	MARKS SECURED		XXXX MARKS XXXX	RESULT
			UE	IA		
2	ENGLISH	NSA	052	017	069	P
2	ENGG. MATHEMATICS	NSB	058	016	074	P
2	APPLIED PHYSICS	NSC	052	018	070	P
2	APPLIED CHEMISTRY	NSD	046	016	062	P
2	BASIC CIVIL & MECHANICAL ENGINEERING	NSE	043	015	058	P
2	BASIC ELECTRICAL & ELECTRONICS ENGG	NSG	036	015	051	P
2	ENGINEERING DRAWING & GRAPHICS	NSH	043	020	063	P
2	PHYSICAL SCIENCES LAB	NS1	072	019	091	P
2	COMPUTER PROGRAMMING LAB	NS2	070	016	086	P
2	WORKSHOP PRACTICE	NS3	070	018	088	P
* * * END OF STATEMENT * * *						



UE - University Exam Marks  
 IA - Internal Assessment Marks  
 Passing Minimum : 35 Marks in UE and 50 Marks in Aggregate  
 P - PASS F - FAIL A - ABSENT  
 \*\*\* - Not obtained Minimum marks in UE  
 Maximum Marks : UE - 80, IA - 20

*S. Karunanidhi*

**PROF. S. KARUNANIDHI**  
 Controller of Examinations



# UNIVERSITY OF MADRAS

B. E. DEGREE EXAMINATION [THIRD SEMESTER]

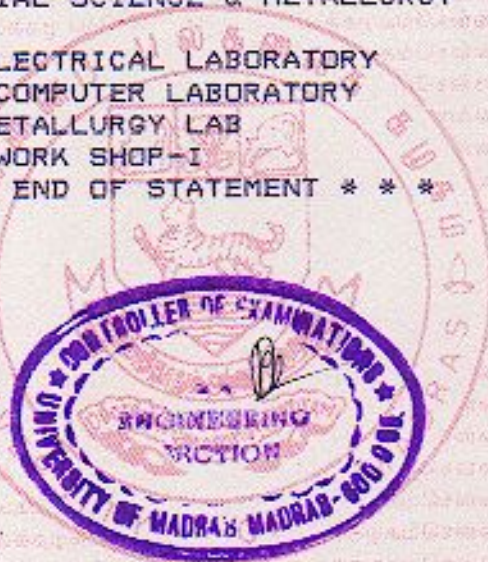
## STATEMENT OF MARKS

2K1

0252657

NAME OF CANDIDATE <b>RAMANATHAN N 02-05-83</b>	REGISTER NO/ ENROLMENT NO. <b>8008957</b>	CENTRE NO. <b>1357</b>	SERIAL NO. <b>48057</b>
BRANCH NAME <b>MECHANICAL ENGINEERING</b>	MONTH & YEAR <b>OCT '2001</b>	PUBLICATION CODE AND DATE <b>MPK 11-02-2002</b>	

SEM.	NAME OF SUBJECT	SUBJECT CODE	MARKS SECURED	XXXX MARKS RESULT		
				UE	IA	TOT
3	APPLIED MATHEMATICS	CE301	056	019	075	P
3	ENGINEERING MECHANICS	ME302	057	020	077	P
3	ENGINEERING THERMODYNAMICS	ME303	045	017	062	P
3	FLUID MECHANICS AND MACHINES	ME304	047	019	066	P
3	COMPUTER PROGRAMMING	ME305	042	020	062	P
3	ELECTRICAL TECHNOLOGY	ME306	041	019	060	P
3	MATERIAL SCIENCE & METALLURGY	ME307	037	016	053	P
3	(a) ELECTRICAL LABORATORY	ME308	069	020	089	P
	(b) COMPUTER LABORATORY					
3	(a) METALLURGY LAB	ME309	070	020	090	P
	(b) WORK SHOP-I					
* * * END OF STATEMENT * * *						



UE - University Exam Marks  
 IA - Internal Assessment Marks  
 Passing Minimum: 35 Marks in UE and 50 Marks in Aggregate  
 P - PASS F - FAIL A - ABSENT  
 '\*\*\*' Not Obtained Minimum marks in UE  
 Maximum Marks: UE - 80, IA - 20

*S. Karunanidhi*  
**PROF. S. KARUNANIDHI**  
 Controller of Examinations

UNIVERSITY BUILDINGS,  
 CHENNAI - 600 005

Change(s)/Overscript(s) should bear the attestation of the Competent authority of the University with official seal, else the Certificate is invalid



# UNIVERSITY OF MADRAS

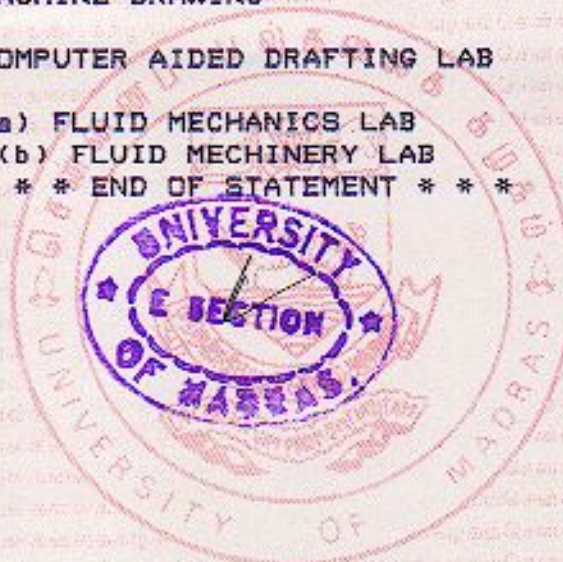
B. E. DEGREE EXAMINATION [FOURTH SEMESTER]

## STATEMENT OF MARKS

2K1 0024347

NAME OF CANDIDATE <b>RAMANATHAN N 02-05-83</b>	REGISTER NO/ ENROLMENT NO. <b>B008957</b>	CENTRE NO. <b>1357</b>	SERIAL NO. <b>44300</b>
BRANCH NAME <b>MECHANICAL ENGINEERING</b>	MONTH & YEAR <b>APR. 2002</b>	PUBLICATION CODE AND DATE <b>JVK 03-07-2002</b>	

SEM.	NAME OF SUBJECT	SUBJECT CODE	MARKS SECURED		XXXX RESULT	
			UE	IA	XXX	TOT
4	ADVANCED MATHEMATICS	CE401	041	020	061	P
4	MEASUREMENT AND CONTROL SYSTEMS	ME402	055	018	073	P
4	MECHANICS OF SOLIDS - I	ME403	037	017	054	P
4	MANUFACTURING TECHNOLOGY - I	ME404	047	019	066	P
4	MECHANICS OF MACHINES - I	ME405	043	018	061	P
4	THERMAL ENGINEERING	ME406	040	018	058	P
4	MACHINE DRAWING	ME407	061	018	079	P
4	COMPUTER AIDED DRAFTING LAB	ME408	075	016	091	P
4	(a) FLUID MECHANICS LAB (b) FLUID MECHINERY LAB	ME409	067	020	087	P
	* * * END OF STATEMENT * * *					



UE - University Exam Marks  
 IA - Internal Assessment Marks  
 Passing Minimum: 35 Marks in UE and 50 Marks in Aggregate  
 P - PASS F - FAIL A - ABSENT  
 '\*\*\*' Not Obtained Minimum marks in UE  
 Maximum Marks: UE - 80, IA - 20

*S. Karunanidhi*

PROF. S. KARUNANIDHI  
Controller of Examinations

UNIVERSITY BUILDINGS,  
CHENNAI - 600 005

Change(s)/Overscript(s) should bear the attestation of the Competent authority of the University with official seal, else the Certificate is invalid



# சென்னைப் பல்கலைக்கழகம் UNIVERSITY OF MADRAS

B. E. DEGREE EXAMINATION [FIFTH SEMESTER]

STATEMENT OF MARKS

2001/0524792

NAME OF CANDIDATE <b>RAMANATHAN N 02-05-83</b>	REGISTER NO./ ENROLMENT NO. <b>8008957</b>	CENTRE NO. <b>1357</b>	SERIAL NO. <b>28558</b>
BRANCH NAME <b>MECHANICAL ENGINEERING</b>	MONTH & YEAR <b>OCT. 2002</b>	PUBLICATION CODE AND DATE <b>IMK 30-12-2002</b>	

SEM.	NAME OF SUBJECT	SUBJECT CODE	MARKS SECURED	XXXX 100 XXXX RESULT MARKS		
				UE	IA	TOT
5	COMPUTATIONAL METHODS	ME501	036	016	052	P
5	ELECTRONICS FOR MECHANICAL SYSTEMS	ME502	015	017	032	F
5	MECHANICS OF SOLIDS - II	ME503	051	018	069	P
5	MANUFACTURING TECHNOLOGY - II	ME504	041	018	059	P
5	MECHANICS OF MACHINES - II	ME505	044	020	064	P
5	POWER PLANT ENGINEERING	ME506	037	018	055	P
5	TURBO MACHINES	ME507	035	017	052	P
5	(c) MATERIAL TESTING LAB	ME508	074	019	093	P
5	(d) THERMAL LAB					
5	(a) ELECTRONICS LAB	ME509	066	020	086	P
5	(b) MICROPROCESSOR LAB					
* * * END OF STATEMENT * * *						



UE - University Exam Marks  
 IA - Internal Assessment Marks  
 Passing Minimum: 35 Marks in UE and 50 Marks in Aggregate  
 P - PASS F - FAIL A - ABSENT  
 '\*\*\*' Not Obtained Minimum marks in UE  
 Maximum Marks: UE - 80, IA - 20

*S. Karunanidhi*



# சென்னைப் பல்கலைக்கழகம் UNIVERSITY OF MADRAS

B. E. DEGREE EXAMINATION [SIXTH SEMESTER]

STATEMENT OF MARKS

2001/0302561

NAME OF CANDIDATE <b>RAMANATHAN N</b> <b>02-03-83</b>	REGISTER NO/ ENROLMENT NO. <b>8008957</b>	CENTRE NO. <b>1357</b>	SERIAL NO. <b>31736</b>
BRANCH NAME <b>MECHANICAL ENGINEERING</b>	MONTH & YEAR <b>APR. 2003</b>	PUBLICATION CODE AND DATE <b>KMI 23-06-2003</b>	

SEM.	NAME OF SUBJECT	SUBJECT CODE	MARKS			RESULT
			SECURED	UE	IA	
			XXXX			
			XXXX			
			UE			
5	ELECTRONICS FOR MECHANICAL SYSTEMS	ME502	036	017	053	P
6	ENGINEERING ECONOMICS	ME601	045	017	062	P
6	OPERATIONS RESEARCH & SYSTEM ANALYSIS	ME602	042	016	058	P
6	MACHINE DESIGN - I	ME603	043	018	061	P
6	HEAT AND MASS TRANSFER	ME604	035	016	051	P
6	FLUID POWER SYSTEMS	ME605	050	020	070	P
6	GAS DYNAMICS & JET PROPULSION SYSTEM	ME606	052	020	072	P
6	a) METROLOGY LAB	ME607	057	018	075	P
6	b) INSTRUMENTATION & DYNAMICS LAB					
6	WORKSHOP - II	ME608	043	015	078	P

\* \* \* END OF STATEMENT \* \* \*



**UE - University Exam Marks**  
**IA - Internal Assessment Marks**  
**Passing Minimum: 35 Marks in UE and 50 Marks in Aggregate**  
**P - PASS F - FAIL A - ABSENT**  
**'\*\*\*' Not Obtained Minimum marks in UE**  
**Maximum Marks: UE - 80, IA - 20**

*S. Karunanidhi*

**PROF. S. KARUNANIDHI**  
 Controller of Examinations



**சென்னைப் பல்கலைக்கழகம்**  
**UNIVERSITY OF MADRAS**

B. E. DEGREE EXAMINATION [SEVENTH SEMESTER]

**STATEMENT OF MARKS**

**2003 / 056273**

NAME OF CANDIDATE <b>RAMANATHAN N 02-05-83</b>	REGISTER NO./ ENROLMENT NO. <b>8008757</b>	CENTRE NO. <b>1357</b>	SERIAL NO. <b>21010</b>
BRANCH NAME <b>MECHANICAL ENGINEERING</b>	MONTH & YEAR <b>OCT. 2003</b>	PUBLICATION CODE AND DATE <b>SPT 26-12-2003</b>	

SEM.	NAME OF SUBJECT	SUBJECT CODE	MARKS SECURED			RESULT
			UE	IA	TOT	
7	COMPUTER INTEGRATED MANUFACTURING	ME701	050	018	068	P
7	MACHINE DESIGN - II	ME702	041	018	059	P
7	AUTOMOBILE ENGINEERING	ME703	062	018	080	P
7	TOOL ENGINEERING & DESIGN	ME704	059	018	077	P
7	I. C. ENGINES	ME752	057	012	069	P
7	FINITE ELEMENT ANALYSIS	ME761	059	019	078	P
7	A) WORKSHOP - III (SPECIAL MACHINES)	ME707	075	018	093	P
	B) CAM LAB					
7	A) I. C. ENGINES LAB	ME708	072	019	091	P
	B) HEAT TRANSFER LAB					
	*** END OF STATEMENT ***					



UE - University Exam Marks  
 IA - Internal Assessment Marks  
 Passing Minimum: 35 Marks in UE and 50 Marks in Aggregate  
 P - PASS F - FAIL A - ABSENT  
 '\*\*\*' Not Obtained Minimum marks in UE  
 Maximum Marks: UE - 80, IA - 20

*(Signature)*  
**Dr. V. BALU, Ph. D.**  
 Controller of Examinations





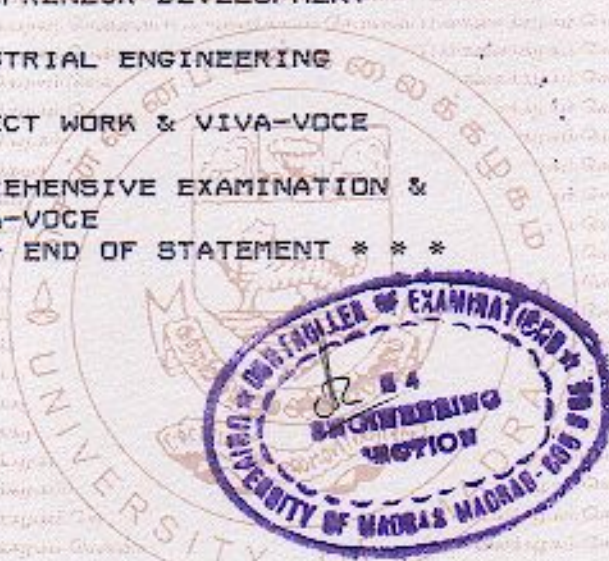
# சென்னைப் பல்கலைக்கழகம்

# UNIVERSITY OF MADRAS

B. E. DEGREE EXAMINATION (EIGHTH SEMESTER)  
STATEMENT OF MARKS 2004/013109

NAME OF CANDIDATE <b>RAMANATHAN N 02-03-83</b>	REGISTER NO./ ENROLMENT NO. <b>8005937</b>	CENTRE NO. <b>1357</b>	SERIAL NO. <b>17027</b>
BRANCH NAME <b>MECHANICAL ENGINEERING</b>	MONTH & YEAR <b>APR. 2004</b>	PUBLICATION CODE AND DATE <b>TKB 01-07-2004</b>	

SEM.	NAME OF SUBJECT	SUBJECT CODE	MARKS SECURED	XXXX OR XXXX	UE	IA	TOT	RESULT
B	PRINCIPLES OF MANAGEMENT AND ORGANISATIONAL BEHAVIOUR	CE802	037	020	037		057	P
B	TQM AND RELIABILITY ENGINEERING	ME801	064	019	083		083	P
B	PRODUCTION MANAGEMENT	ME803	054	019	073		073	P
B	ENTERPRENEUR DEVELOPMENT	ME844	060	019	079		079	P
B	INDUSTRIAL ENGINEERING	ME853	072	018	090		090	P
B	PROJECT WORK & VIVA-VOCE	ME806	057	037	094		094	P
B	COMPREHENSIVE EXAMINATION & VIVA-VOCE	ME807	084	---	084		084	P
* * * END OF STATEMENT * * *								



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Passing Minimum: 30 Marks in UE and 50 Marks in Aggregate  
P - PASS F - FAIL A - ABSENT

\*\*\* Not Obtained Minimum marks in UE  
Maximum Marks: UE - 80, IA - 20



சென்னைப் பல்கலைக்கழகம்  
UNIVERSITY OF MADRAS

2K/

198740

CENTRE CODE 1357	REG. NO./ENRL. NO. B008957	FOLIO NUMBER TKB10248	DATED 07-07-2004
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PROVISIONAL CERTIFICATE - B. E.



*This is to certify that* RAMANATHAN N  
*has qualified for the degree of* BACHELOR OF ENGINEERING  
*he/she having passed the above Degree Examination held*  
*in* APRIL 2004 *as follows :*

BRANCH OF STUDY : MECHANICAL ENGINEERING

CLASS OBTAINED : FIRST CLASS

CHEPAUK, CHENNAI - 600 005.

  
ASSISTANT REGISTRAR

# Hindustan College of Engineering

PADUR - 603 103.



## Course Certificate

No. : H\_0765

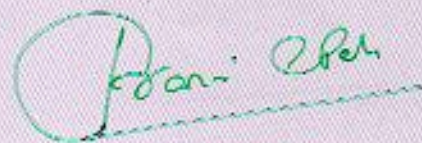
Reg. No. 8008957

This is to certify that *Chiru / Selvi* RAMANATHAN..N..  
has been a student of this College during the period 2000 - 2004  
and has completed the course of studies prescribed for the Degree of  
Bachelor of Engineering (MECHANICAL E.NGG.)  
of the University of Madras.

PADUR - 603 103.

Date : 27/5/04

  
CHAIRMAN



PRINCIPAL



ISO 9001 : 2000 CERTIFIED INSTITUTION





FACULTY OF ENGINEERING  
பொறியியல் புலம்

The Senate of the University of Madras hereby makes known  
that **RAMANATHAN N** has been admitted to the  
DEGREE OF BACHELOR OF ENGINEERING IN MECHANICAL ENGINEERING

he / she having been certified by duly appointed Examiners to be  
qualified to receive the same and was placed in the  
FIRST CLASS at the Examination held in  
APRIL 2004

சென்னைப் பல்கலைக்கழகப் பேரவை, 2004 ஆம் ஆண்டு ஏப்ரல்  
மாதம் நடந்த இயந்திரப் பொறியியல் தேர்வில்  
ராமநாதன் என என்பவர்  
முதல் வகுப்பில் தேர்ச்சி பெற்றார் என்று தக்க  
தேர்வாளர்கள் சான்றளித்தபடி, பொறியியல் இளையர்  
என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக இலச்சினையுடன்  
வழங்குகிறது.

Given under the seal of the University



S. L. Srinivasulu  
Registrar  
பதிவாளர்

*[Signature]*  
Vice-Chancellor  
துணைவேந்தர்

Dated: 15-10-2004  
நாள்: 15-10-2004

Chepauk, Chennai 600 005, Tamilnadu, India  
சேப்பாக்கம், சென்னை - 600005, தமிழ்நாடு, இந்தியா

2K-4/ 262021

टेलिक्स : एम एस. 7390

Telex . M.S. 7390

टेलीफोन सं

Telephone Nos } 6263091 & 6263941



स. डि. का. /I.C.F. 135

सवारी डिब्बा कारखाना, चेन्नै - 600 038.

INTEGRAL COACH FACTORY, CHENNAI - 600 038.

कार्यालय / Office of the

Office of the Principal  
Tech. Trg. Centre

Date: 03.6.2002

No. TS/TRG/7

CERTIFICATE

*This is to certify that Sri N.Ramanathan, II Year  
BE (Mech..Engg.) a student of Hindustan College of Engg.  
has undergone Inplant training in this organization from  
23.5.2002 to 03.6.2002.*

*His character & conduct are good*

*N. Ramanathan*  
Specimen Signature

*B. Sukumar*  
(B.SUKUMAR)  
PRINCIPAL/TTC/ICF



# चेन्नै पोर्ट ट्रस्ट CHENNAI PORT TRUST

राजाजी सालै, चेन्नै - 600 001.  
RAJAJI SALAI, CHENNAI - 600 001.

नं.  
No.....EME/HA35.546 /2002/ SME(W)

Date.....13.MAR.2003

## VACATIONAL INPLANT TRAINING CERTIFICATE


This is to certify that

Shri/Kum N.RAMANATHAN ..... of  
III ..... Year/Semester in B.E. (Mech)  
student of HINDUSTAN COLLEGE OF ENGINEERING, PADUR -603103.

has undergone Inplant training under non-stipendiary vocational trainee for a period  
from 26.12.2002 to 10.01.2003 .....A.N in the Electrical /Electronics / Mechanical  
Division of Electrical and Mechanical Department in Chennai Port Trust.

During the Period of Training his/her  
attendance,work and conduct were found to be satisfactory.



  
(M.KANNAN) 13/3/03  
PRINCIPAL (BASIC TRAINING CENTRE)  
FOR CHIEF MECHANICAL ENGINEER,  
PH:5360609.



**FLOWSERVE**

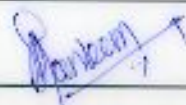
*CERTIFICATE OF PARTICIPATION*

*Is Hereby Awarded to*

**N. Ramanathan**

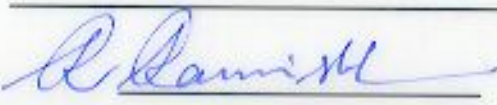
*for CIP **Yellow Belt** Training  
on this 3rd day of February, 2006*

---



CIP Green Belt

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Champion



# COMPUTER SOCIETY OF INDIA

This is to certify that

.....N. RAMANATHAN.....

of S.S.K.V.M. HIGHER SECONDARY SCHOOL,.....

.....BIG KANCHIPURAM.....

was a member of a three-person team to participate in the

**First Level CSI Student Software Contest 1999**

conducted at KANCHIPURAM..... on 13 JUN 1999.....

with the support of M/S. Aptech Computer Education for selecting the team(s) to represent India at SEARCC International Software Competition 1999.

*Theruvikrishnan*  
Co-ordinator

CSI Student Software Contest

Date : 13 JUN 1999



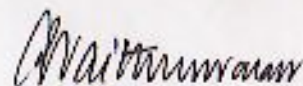
# CERTIFICATE OF PARTICIPATION

**Awarded to** RAMANATHAN N

**in** Pro / E Workshop

**at** CADD Centre Training Services, Mylapore, Chennai

**during** June 2002



**Chairman**

CADD Centre Training Services Private Limited

**Instructor**

25.06.2002

**Date of issue**



## CADD CENTRE

CADD Centre training is available through a wide network of training centres. The courses offered are comprehensive and of very high quality. The participants are trained by experienced instructors in the latest in FEM / FEA.



The  
MacNeal-Schwendler  
Corporation

# GRADUATE CERTIFICATE IN COMPUTER AIDED DESIGN



*The holder of this certificate*

*Mr./Ms. N. Ramanathan*

*has successfully completed his/her proficiency in Pro/ENGINEER Basic & Advanced*

*during the period from 21-Dec-2003 to 17-Feb-2004*

*at **ww.CAE INFOTECH PRIVATE LIMITED, Chennai.***

A handwritten signature in blue ink, appearing to read 'D. Ramanathan', is written over a horizontal line.

Authorized signatory  
ww.CAE INFOTECH PVT.LTD.



A handwritten signature in blue ink, appearing to read 'R. Ujjal Singh', is written over a horizontal line.

Course co-ordinator  
ww.CAE INFOTECH PVT.LTD.

**WW.CAE INFOTECH PVT.LTD.**

(AUTHORISED TRAINING PARTNER OF PARAMETRIC TECHNOLOGY)

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