

NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

ERODE - 638 052 TAMILNADU

Email: principal@nandhaengg.org Mobile: 73737 12234

	Criteria II – Teaching Learning and Evaluation						
2.3	Teaching Learning Process						
2.3.1	Student centric methods, such as experiential learning, participative learning and problem-solving methodology are used for enhancing learning experience						

Experiential Learning

S.No	Description
1.	<u>Internship</u>
2.	Project Based Learning



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NANDHA ENGINEERING COLLEGE (Autonomous)

Erode - 52

Department of Civil Engineering

<u>INTERSNHIP 2019 - 2023</u>

S. No	Reg. No	Name (Initial at End)	Company	Stipend in Rs.
1	19CE001	ABDULLA BASHA.M	Naaval Construction, Erode	8000
2	19CE003	DHANASANJAI C	Chandraa Builders, Bhavani	13000
3	19CE004	GOKUL M	Sri Andavar Construction, Dharapuram	8000
4	19CE005	GUHAN K	Greensky Builders Pvt. Ltd, Gobichettipalayam	10,000
5	19CE006	ILAVARASAN S	Shanmathi Construction, Erode	10,000
6	19CE010	KIRAN KUMAR M	KRC Construction, Tiruppur	12000
7	19CE011	KIRUBHANAND S	Shanmathi Construction, Erode	10,000
8	19CE012	NABINESH S	Naaval Construction, Erode	8000
9	19CE015	NIRMAL R	Chandraa Builders, Bhavani	13000
10	19CE017	PRAVEEN G	Shanmathi Construction, Erode	10000
11	19CE018	PRAVEEN R	Sridhar & Co, Erode	10000
12	19CE019	RAGAVENDRAN P	Naaval Construction, Erode	8000
13	19CE020	SHAMIM EBRAHIMS	Naaval Construction, Erode	8000
14	19CE022	SANTHOSH S	Krishnamoorthi Contractor, Erode	10000
15	19CE024	SELVAKUMAR M	Design Wise Structurals, Erode	8000
16	19CE026	SIVASAKTHI BALAN S	Shanmathi Construction, Erode	10000
17	19CE027	SRISHAASHTA S	Sridhar & Co, Erode	10,000
18	19CE028	SUKUMAR R	RS Construction, Erode	8000
19	19CEL03	BASKAR.K	Shanmathi Construction, Erode	8000
20	19CEL04	GUNASEKARAN.M	Sridhar & Co, Erode	10,000
21	19CEL06	NAVEEN.N.M	Vijay Associates, Tiruppur	8000
22	19CEL07	RAJA.P	Nilam Surveyor, Kovilpatti	12000
23	19CEL09	SHREENATH.S	Shanmathi Construction, Erode	10000
24	19CEL05	MANIMARAN A	Aravindh Buiders	10000
25	19CEL01	BAMANG NEGAAKIN		10000
26	19CEL02	BAMANG TALANG	Govt. of AP	10000
27	19CE016	NOAH JAISINGH	Sri Andavar Construction, Dharapuram	8000



ARAVINDH BUILDERS

515, Manalmedu Street, Chennimalai Road, Erode - 638 001.

Prop. R. ARULSELVAN

Cell: 97906 77875, 80568 83504

INTERNSHIP OFFER LETTER Date :...

15.02.2023

Mr.A.MANIMARAN

ERODE

Re: Offer of Internship

Dear Manimaran,

"ARAVINDH BUILDERS" is pleased to offer you an educational internship opportunity as a "Site Supervisor" role for 4 months. It would be required of you to join us by February 15, under the following terms and conditions.

Internship Period: 15 February 2023-31 May 2023(Four Months).

Stipend Amound: Rs.8,000/-Per Month

Above mentioned salary will be applicable for the Internship period of four month from the date of joining.

Working hours will be following as,

Monday to Saturday (09:00 A.M-06:00 P.M)

Sing on the Second copy accept this offer on the space provided and return it to us. We look forward to welcoming you to our team at "ARAVINDH BUILDERS".

Sincerely,

For ARAVINDH FUILDERS
with Regards,

Proprietor

me to someth DOD



GOVERNMENT OF ARUNACHAL PRADESH

OFFICE OF THE EXECUTIVE ENGINEER :: CAPITAL DIVISION -A

PWD :: AP :: ITANAGAR :: 791 111

E-Mail: eecda@rediffmail.com

Tel: 0360-2212438(O)

No. CDA/E-6/2022-23/

Dated Itanagar the 23/2 2023

. To,

The Assistant Engineer, Capital Sub-Division – 5/A, PWD AP, Itanagar.

Sub:-

Industrial Training For Students.

As recommended by the Nandha Engineering College, Tamil Nadu you are directed to impart necessary Industrial Training form 16/02/2023 to 23/04/2023 to the following students in any ongoing projects under your sub-division and direct them to report to the office of the undersigned alongwith a copy of completion report for issuance of necessary training certificate.

SI. No.	Name of Candidates
1.	Bamang Negaakin V
2.	Bamang Talang

Head Assistant, (For Executive Engineer) Capital Division – A, PWD: AP Itanagar.

No. CDA/E-6/2022-23/ 7 3 09 -10 Copy to:-

Dated Itanagar the 23/02 2023

1 Dr. E. K. Mohanraj, Prof. & Dean, Nandha Engineering College, Tamil Nadu for information.

04/08/2093

Head Assistant, (For Executive Engineer) Capital Division – A, PWD: AP Itanagar.



07.02.2023

To

Baskar K (19CEL03)

Final year

Department of Civil Engineering

Nandha Engineering College (Autonomous)

Erode - 638 052

Dear Baskar,

We would like to confirm that you have been selected for the internship in our organization. The training will be at our Irrigation Project near Sirkali. You are advised to following the terms and conditions while undergoing internship. You are asked to ensure the self-safety while mobilizing to various sites.

You are asked to report to Mr. Murugan, Project Manager (90035-27240) on 10th February 2023 and your internship has been approved till the end of April 2023. You will be designated as trainee and will be entitled with food and accommodation in our premises.

Wish you all success to pursue the internship and hope you will have a maximum technical take away after the training.

Copy to:

The Dean, Department of Civil Engineering

Nandha Engineering College (Autonomous), Erode

For SHANMATHI CONSTRUCTIONS

S. Te 3.



07.02.2023

To

Shreenath S (19CEL09),

Final year

Department of Civil Engineering

Nandha Engineering College (Autonomous)

Erode - 638 052

Dear Baskar.

We would like to confirm that you have been selected for the internship in our organization. The training will be at our Irrigation Project near Sirkali. You are advised to following the terms and conditions while undergoing internship. You are asked to ensure the self-safety while mobilizing to various sites.

You are asked to report to Mr. Murugan, Project Manager (90035-27240) on 10th February 2023 and your internship has been approved till the end of April 2023. You will be designated as trainee and will be entitled with food and accommodation in our premises.

Wish you all success to pursue the internship and hope you will have a maximum technical take away after the training.

Copy to:

The Dean, Department of Civil Engineering

Nandha Engineering College (Autonomous), Erode

For SHANMATHI CONSTRUCTIONS

S. Te 3



07.02.2023

To

Sivasakthi Balan S (19CE026)

Final year

Department of Civil Engineering

Nandha Engineering College (Autonomous)

Erode - 638 052

Dear Baskar,

We would like to confirm that you have been selected for the internship in our organization. The training will be at our Irrigation Project near Sirkali. You are advised to following the terms and conditions while undergoing internship. You are asked to ensure the self-safety while mobilizing to various sites.

You are asked to report to Mr. Murugan, Project Manager (90035-27240) on 10th February 2023 and your internship has been approved till the end of April 2023. You will be designated as trainee and will be entitled with food and accommodation in our premises.

Wish you all success to pursue the internship and hope you will have a maximum technical take away after the training.

Copy to:

The Dean, Department of Civil Engineering

Nandha Engineering College (Autonomous), Erode

For SHANMATHI CONSTRUCTIONS

S. Te 3.



07.02.2023

To

Kirubhanand S (19CE011)

Final year

Department of Civil Engineering

Nandha Engineering College (Autonomous)

Erode - 638 052

Dear Baskar.

We would like to confirm that you have been selected for the internship in our organization. The training will be at our Irrigation Project near Sirkali. You are advised to following the terms and conditions while undergoing internship. You are asked to ensure the self-safety while mobilizing to various sites.

You are asked to report to Mr. Murugan, Project Manager (90035-27240) on 10th February 2023 and your internship has been approved till the end of April 2023. You will be designated as trainee and will be entitled with food and accommodation in our premises.

Wish you all success to pursue the internship and hope you will have a maximum technical take away after the training.

Copy to:

The Dean, Department of Civil Engineering

Nandha Engineering College (Autonomous), Erode

For SHANMATHI CONSTRUCTIONS

S. Te 3.



GOVERNMENT OF ARUNACHAL PRADESH OFFICE OF THE EXECUTIVE ENGINEER :: CAPITAL DIVISION -A

PWD :: AP :: ITANAGAR :: 791 111

E-Mail: eecda@rediffmail.com

Tel: 0380-2212438(O)

No. CDA/E-6/2022-23/

Dated Itanagar the...../2023

To,

The Assistant Engineer, Capital Sub-Division - 5/A, PWD AP, Itanagar

Sub:-

Internship Training For Students - Reg.

As recommended by the Nandha Engineering College, Tamil Nadu you are requested to impart necessary Internship Training from 16/02/2023 to 23/04/2023 to the following students in any ongoing projects under your sub-division and direct them to report to the office of the undersigned alongwith a copy of completion report for issuance of necessary training certificate.

SI. No.	Name of Candidates
1.30	Bamang Negaakin
2	Bamang Talang

(Head Assistant) For Executive Engineer Capital Division - A, PWD: AP Itanagar.

Dated Itanagar the 23/2 2023

No. CDA/E-6/2022-23/ 7309-10 Copy to:-

1. Dr. E. K. Mohanraj, Prof. & Dean, Nandha Engineering College, Tamil Nadu for information.

2 Concern Student. Bamang Negration

(Head Assistant) For Executive Engineer Capital Division - A. PWD: AP Itanagar,



Land Survey Works | Building Planning & Designing | Elevation

INTERNSHIP OFFER LETTER

Date: 05/02/2023

Mr. Raja.P Trichy.

Ref: Offer for internship

Dear Raja,

"Nilam Surveyor & Consultant" is pleased to offer you an educational internship opportunity as a "Site Supervisor" role for 3 months. It would be required of you to join us by 5th Feb 2023, under the following terms & conditions.

Internship Period: 05 February 2023 to 30 April 2023 (3 Months)

Stipend Amount: Rs. 9,500/- per month

Above mentioned salary will be applicable for the internship period 3 months from date of joining.

Working hours will be following as.

Monday to Saturday (8:30 am - 5:30 pm)

Sign on the second copy for accept this offer on the space provided and return it to us. We look forward to welcoming you to our team.

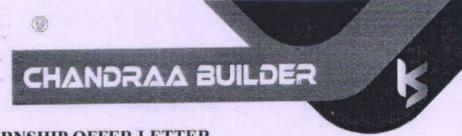
Sincerely,

With Regards,

For Nilam Surveyor & Consultant 131

4/76, Mariamman Kovil St., Pottireddipatti, NAMAKKAL - 13.

80121 97733, 97897 66893 anilamsurveyor@gmail.com nilamsurveyor.com



INTERNSHIP OFFER LETTER

Date:15.02.2023

Mr.C.DHANA SANJAI

Komarapalayam

Re: Offer of Internship

Dear Dhana Sanjai,

"CHANDRAA BUILDER" is pleased to offer you an educational internship opportunity as a "Site Supervisor" role for 4 months. It would be required of you to join us by February 15, under the following terms and conditions.

Internship Period: 15 February 2023 - 31 May 2023 (Four Months)

Stipend Amount: Rs. 12,000/- Per Month

Above mentioned salary will be applicable for the Internship period of four months from the date of joining.

Working hours will be following as.

Monday to Saturday (9:00 A.M - 06.00 P.M)

Sing on the Second copy accept this offer on the space provided and return it to us. We look forward to welcoming you to our team at "CHANDRAA BUILDER"

Sincerely,

with Regards,

PorCHANDRAA BUILDER

PARTNER

Er. K.P. Vijaya kumar BE.

Consulting Civil Engineer Registered Engineer - 037/RE Licensed Building Surveyor 032/103/2016-17

VIJAY ASSOCIATES

283/2,284, T.S.K. Nagar, 60 Feet Road, Tirupur - 641 604. Cell: 93454 44400 88833 57600

Date: 10/02/2023....

INTERNSHIP OFFER LETTER

To Whom it may concern

This is to certify that Mr. N. M. Naveen Reg. no 19CEL06 of B.E. CIVIL ENGINEERING at Nandha Engineering College, Erode will be undergoing Internship program at Vijay Associates.

He will be undergoing his internship opportunity as a Site Supervisor. The internship will be of 3 months and shall commence from 06/02/2023 to 23/04/2023 in Tirupur location.

Er.K.P. WAYA KUM J. D.C. LCG.

Consulting Civil Eng.

Registered Engineer • 632/LS 2632 0 C007/II

Registered Engineer • 037/RE-III

283/2, 284, T.S.K. Nagar,

60 Feet, Dharapuram Road, TIRUPUR-4,

Cell: 93454 44400, 88303 57800



196, Cutchery street, Erode - 638 001 Mob : 98432 72221, 98437 72225 E-mail : ranaengineers2014@gmail.com

Date: 08/02/2023

TO WHOM IT MAY CONCERN

This is to certify that Mr. K KAVIN (19CE009),
Mr. S SALAMON RAJA (19CE021), Mr. B. THAROON
(19CE029) of B.E CIVIL ENGINEERING Students of NANDHA
ENGINEERING COLLEGE has industrial project in RANA
CONSTRRUCTIONS from February to April.

For RANA CONSTRRUCTION

Proprietor



Er.M. Nandakumar, M.E (Struct)., designwiseerd@gmail.com Cell: +9198659 - 55462

INTERNSHIP OFFER LETTER

28/01/2023

Mr. Selvakumar.M

Erode

Re: Offer of Internship

Dear Selvakumar,

"DESIGN WISE" is pleased to offer you an educational internship opportunity as a "Structural Rebar Detail Drafting Engineer" role for Four months .it would be required of you to join us by February 01/02/2023, under the following terms and conditions.

Internship Period: 01 February 2023 - 31 May 2023 (Four Months)

Working hours will be following as.

Monday to Saturday (09:30 A.M - 06:00 P.M)

Sign on the second copy for accept this offer on the space provided and return it to us. We look forward to welcoming you to our team at "DESIGN WISE"

Sincerely,

With Regards,

Er.M.NANDAKUMAR, M.E(Str).,
REGISTERED STRUCTURAL ENGINEER GRADE · I (RSE)

REG NO: 056/LS/2019/00012 DESIGN WISE, 545/A, 2nd Floor, Thilagam Building, Perundural Road, Erode - 638 011. Cell: 98659 55462.

Er.M.Nandakumar M.E.,(Struct)



Date: 01.02. 2023



ACCEPTANCE CERTIFICATE

We are pleased to inform you that we have admitted **Selvan.GUHAN.K** (Reg.No.19CE005), Studying IV B.E. Civil Engineering at "**NANDHA ENGINEERING COLLEGE PERUNDURAI**" for Industrial Project training from 01.02.2023 to 31.05.2023. We assure you that he will learn all the aspects in the field of Civil Engineering and will gain the practical knowledge.



Er. V.SOUNDARA RAJAN,
M.E (Struc.) (Ph.D), C.Eng,
Chief Executive, greensky Construction,
1st Floor, Chenchur Complex,
Erode Main Road, Karattur, Gobi.

Registered Engineer Grade 91 (RE-91) Gobichettipalayam Municipality (Reg. No:057/LS/2019/00007)

Registered Structural Engineer Grade- 1 (SE-1) Gobichettipalayam Municipality (Reg. No:057/LS/2019/00005)

Registered Engineer Grade- 1 (RE-Gr.1) EDTCP. (Reg. No:04/2020/RE-Gr.1/EDTCP)

Registered Structural Engineer Grade - 1(RSE-Gr.1) EDTCP. (Reg.No:05/2020/RSE-Gr.1/EDTCP)

Panel Engineer Class –1A in Erode district. R.Dis.18955/2020c2 dt.18.05.2021

Chartered Engineer & Registered. Valuer (Reg.No:AM175731-0)



INTERNSHIP OFFER LETTER

Date: 31.01.2023

Mr. R.NIRMAL

Komarapalayam

Re: Offer of Internship

13/02/8003

Dear Nirmal,

"CHANDRAA BUILDER" is pleased to offer you an educational internship opportunity as a "Site Supervisor" role for 4 months. It would be required of you to join us by February 01 2023, under the following terms and conditions.

Internship Period: 01 February 2023-31 May 2023 (Four Months)

Stipend amount: Rs.12,000/- Per month

Above mentioned salary will be applicable for the Internship Period of Four months from the date of joining.

Working hours will be following as.

Monday to Saturday (9:00 A.M-06:00 P.M)

Sign on the second copy for accept this offer on the space provided and return it to us. We look forward to welcoming you to our team at "CHANDRAA BUILDER"

Sincerely,

With Regards,

FORCHANDRAA BUILDER

A. Shatim

PARTNER

GSTIN: 33BHRPM5124Q1ZQ



NAAVAL CONSTRUCTION

Branch Office: 45/4, Perundurai Road, Near SBI ATM, Collectorate, Erode - 638 011. Cell: 97897 32247, 97897 77247. Email: eromanimuthu@gmail.com

M.ABDULLA BASHA

- S. NABINESH
- P. RAGAVENDRAN
- S. SHAMIM EBRAHIM

Re: Offer for Internship,

Dear Sir,

"NAAVAL CONSTRUCTION" is pleased to offer you an educational internship opportunity as a "Site Supervisor" for 4 months, it would be required of you to join us by February 01 2023, under the following terms and conditions,

Internship Period: 01 February 2023 - 31 May 2023(Four Months)

Stipend Amount: 8,000/- per month

Above mentioned salary will be applicable for the Internship period of Four months from the date of joining.

Working Hours will be following as

Monday to Saturday (9:00 A.M - 06:00 P.M)

Sign on the second copy for accept this offer on the space provide and return it to us.

We look forward to welcoming you our team at "NAAVAL CONSTRUCTION".

Sincerely,

With Regards,

FOR NAAVAL CONST

TIN No. . 33853022241 PAN No. : ABIFS8610F

Sri Andavar Constructions

Govt. Registred Contractor & Engineers

R. Ramesh D.C.E., 99420 51717, 98438 10112



45, Sowndamman Kovil Street, Dharapuram - 638 656, Tirupur Dt.

Date: 01. 02. 2023

From:

Er. Kavin .M B.E.,

Site Engineer,

Sri Andaver Constructions,

45, Sowndamman Kovil Street,

Dharapuram, 638656.

To:

Dr. E. K. MOHAN RAJ, ME, MIE, MICI, PhD,

Professor & Dean,

Department of Civil Engineering.

Dear Sir,

Sub: Acceptance of Request for Internship Training - Reg.

As you have requested for Internship training from the period of FEB 2023 to APRIL

2023 in our Organization for the student named M.GOKUL (19CE004) & R.NOAH JAISINGH

(19CE016) - We are accepting the request and permitting to undergo Internship training at our construction.

Thank You

Yours obediently,

M.Kavin,

Ph: No.7904491249

Er.K.M.M.L., M.B.E., SITE ENGINEER, Ph.No:79044 91249/



NANDHA ENGINEERING COLLEGE (Autonomous), Erode-52

Department of Electrical and Electronics Engineering

Industrial Project & Internship Details for the Academic year (2022-23)

SI. No.	Title of the activity	Name of the company with details	Name of the participant	Register number	Duration	Nature of the activity
1	Internship	KAAR Technologies, Chennai-600093	N Dhivya	20EEL05	23.11. 2022- 31.05. 2024	Internship
2	Internship	KAAR Technologies, Chennai-600093	D Gunaa sri	19EE018	- 21.09.22 - 21.03.2023	Internship
3	Internship	KAAR Technologies, Chennai-600093	S Sukesh	19EE062	21.09.22 - 21.03.2023	Internship
4	Internship	Mobitech wireless solution pvt ltd, Erode-638052	A Ajayprakash	19EE001	12.09.2022 -12.12.2022	Internship
5	Internship	Mobitech wireless solution pvt ltd, Erode-638052	B Santhosh	19EE053	12.09.2022 -12.12.2022	Internship
6	Internship	Real tech GPS pvt ltd, Erode-638052	I Sasikumar	19EE054	21.09.2022-31.12.2022	Internship
7	Internship	TVS upasana limited, Hosur	V.Kavin	19EE028	02 jan 2023-01 jan 2026	Internship
8	Internship	TVS upasana limited, Hosur	S.Suhaskumar	19EE061	02 jan 2023-01 jan 2026	Internship
9	Internship	TVS upasana limited, Hosur	P S. Yewanth kumar	19EE066	02 jan 2023-01 jan 2026	Internship
10	Internship	Cliber emmbedded technologies india pvt, ltd,Erode	T.Mohanapriya	19EE041	01 feb 2023- 14 apr 2023	Internship
11	Internship	Cliber emmbedded technologies india pvt. Ltd,Erode	R R.Chowdry prakash	19EEL04	01 feb 2023- 14 apr 2023	Internship
12	Internship	AGRI IDART pvt. Ltd,Coimbatore- 641041	S.Kaviya	19EE029	01 mar 2023-31 may 2023	Internship
3	Internship	Vinsinfo Private Ltd, Chennai-600018	G.Prithiga	19EE047	08 mar 2023-08 sep 2023	Internship

14	Battery pack modelling by batter management system of an hybrid electric vehicle using ANFIS	Caliber embedded technologies india P Ltd, Coimbatore	Bhuvanesh A	19EE005	01.02.23 to 25.04.23	Industrial project
15	Battery pack modelling by batter management system of an hybrid electric vehicle using ANFIS	Caliber embedded technologies india P Ltd, Coimbatore	Chowdryprakash R R	19EEL04	01.02.23 to 25.04.23	Industrial project
16	Battery pack modelling by batter management system of an hybrid electric vehicle using ANFIS	Caliber embedded technologies india P Ltd, Coimbatore	Kathirvel M	19EEL11	01.02.23 to 25.04.23	Industrial project
17	Battery pack modelling by batter management system of an hybrid electric vehicle using ANFIS	Caliber embedded technologies india P Ltd, Coimbatore	Aswin R	19EEL26	01.02.23 to 25.04.23	Industrial project
18	Smart wireless charging system for electric vehicles	Caliber virtual technologies, Salem	Dharanya K	19EE007	01.02.23 to 25.04.23	Industrial project
19	Smart wireless charging system for electric vehicles	Caliber virtual technologies, Salem	Gunaa sri D	19EE018	01.02.23 to 25.04.23	Industrial project
20	Smart wireless charging system for electric vehicles	Caliber virtual technologies, Salem	. Kaviya S	19EE029	01.02.23 to 25.04.23	Industrial project
21	Iot based air filter	SBI solvent extraction pvt Ltd, Salem	Gokul raj S	19EE011	01.02.23 to 25.04.23	Industrial project
22	lot based air filter	SBI solvent extraction pvt Ltd, Salem	Gowtham M	19EE016	01.02.23 to 25.04.23	Industrial project
23	lot based air filter	SBI solvent extraction pvt Ltd, Salem	Gunasekaran S	19EE019	01.02.23 to 25.04.23	Industrial project
24	lot based air filter	SBI solvent extraction pvt Ltd, Salem	Karthikeyan A	19EE026	01.02.23 to 25.04.23	Industrial project
25	IoT based smart energy monitoring and controlling system for home appliances using machine learning algorithm	Win solar industry, Salem	Gopal S	19EE012	01.02.23 to 25.04.23	Industrial project
26	IoT based smart energy monitoring and controlling system for home appliances using machine learning algorithm	Win solar industry, Salem	Jeevanandham E R	19EE023	01.02.23 to 25.04.23	Industrial project

2	IoT based smart energy monitoring and controlling system for home appliances using machine learning algorithm		Dhamodharan P S	19EEL05	01.02.23 to 25.04.23	Industrial project
28	loT based smart energy monitoring and controlling system for home appliances using machine learning algorithm		Arun N	19EEL25	01.02.23 to 25.04.23	Industrial project
29	Control of permanent magnet chair driven drive system of an electric four wheeler	Jaai power distribution, Erode	Karthik M	19EE025	01.02.23 to 25.04.23	Industrial project
30	Control of permanent magnet chair driven drive system of an electric four wheeler	Jaai power distribution, Erode	Karthikeyan G	19EE027	01.02.23 to 25.04.23	Industrial project
31	Control of permanent magnet chain driven drive system of an electric four wheeler	Jaai power distribution, Erode	Arvind B K	19EEL03	01.02.23 to 25.04.23	Industrial project
32	Control of permanent magnet chain driven drive system of an electric four wheeler	Jaai power distribution, Erode	Navaneeth M	19EEL28	01.02.23 to 25.04.23	Industrial project
33	Multiple battery fast charging using multi-source input for E-vehicle	Caliber embedded technologies india P Ltd, Coimbatore	Mohanapriya.T	19EE041	01.02.23 to 25.04.23	Industrial project
34	Multiple battery fast charging using multi-source input for E-vehicle	Caliber embedded technologies india P Ltd, Coimbatore	Nirmala.M	19EEL17	01.02.23 to 25.04.23	Industrial project
35	Multiple battery fast charging using multi-source input for E-vehicle	Caliber embedded technologies india P Ltd, Coimbatore	Srima.R	19EEL23	01.02.23 to 25.04.23	Industrial project
36	Automated electric vehicle based on wireless communication	Caliber virtual technologies, Salem	Nivetha.P	19EE044	01.02.23 to 25.04.23	Industrial
37	Automated electric vehicle based on wireless communication	Caliber virtual technologies, Salem	Prithiga,G	19EE047	01.02.23 to 25.04.23	project Industrial
38	Automated electric vehicle based on wireless communication	Caliber virtual technologies, Salem	Rachel.R	19EE049	01.02.23 to 25.04.23	project Industrial
39	Automated electric vehicle based on wireless communication	Caliber virtual technologies, Salem	Suganya,K	19EE060	01.02.23 to 25.04.23	project Industrial project

40	Electricity generation using dynamic bifacial solar panel	Jaai power distribution, Erode	Santhosh.B	19EE053	01.02.23 to 25.04.23	Industrial project
41	Electricity generation using dynamic bifacial solar panel	Jaai power distribution, Erode	Sathananth.M.R	19EE055	01.02.23 to 25.04.23	Industrial project
42	Electricity generation using dynamic bifacial solar panel	Jaai power distribution, Erode	Vipin.S	19EE064	01.02.23 to 25.04.23	Industrial project
43	Electricity generation using dynamic bifacial solar panel	Jaai power distribution, Erode	Vivek.S	19EE065	01.02.23 to 25.04.23	Industrial project
44	Paralysis patient monitoring and health caring system by using IoT	SBI solvent extraction pvt Ltd, Salem	Krishna Prasath.K	19EEL13	01.02.23 to 25.04.23	Industrial project
45	Paralysis patient monitoring and health caring system by using IoT	SBI solvent extraction pvt Ltd, Salem	Sakthivel.S	19EEL21	01.02.23 to 25.04.23	Industrial project
46	Paralysis patient monitoring and health caring system by using IoT	SBI solvent extraction pvt Ltd, Salem	Vijay.S	19EEL32	01.02.23 to 25.04.23	Industrial project
47	Uninterruptible power supply with multiple power sources by using fuzzy controller	Win solar industry, Salem	Manikandan.V	19EEL15	01.02.23 to 25.04.23	Industrial project
48	Uninterruptible power supply with multiple power sources by using fuzzy controller	Win solar industry, Salem	Santhosh.M	19EEL22	01.02.23 to 25.04.23	Industrial project
49	Uninterruptible power supply with multiple power sources by using fuzzy controller	Win solar industry, Salem	Sudharshan.S	19EEL30	01.02.23 to 25.04.23	Industrial project

Staff Incharge

Wallows HoD/EEE



OFFER LETTER

Dear Ajayprakash

We are happy to announce that you have been selected to fill the position of **Technical Engineer**. You will be paid a consolidated salary of **Rs.10,000.00** per month from the date of joining (12/09/2022).

You will be on probation, for a period of three months from the date of joining. On successful completion of probation your service will be confirmed.

On behalf of the management, we welcome you to join hands and wish you an excellent career path. Read the "Human Resources policy and procedures" and follow it.

Best Wishes

For Mobitech Wireless Solution Private Limited

TE LIMITED TO BE THE CHANGE OF THE CHANGE OF

Authorized Signatory

& Dheurel.



Caliber Embedded

Technologies India (P) Ltd.

DATE: 01.02.2023

Dear Chowdry Prakash.R.R,

We are pleased to inform you that Caliber Embedded Technologies has accepted your request to intern at our company from 01/02/2023 to 15/04/2023.

We look forward to welcoming you to our team and to providing you with a valuable learning experience. During your time here, you will have the opportunity to work with some of the most talented engineers and developers in the industry and gain hands-on experience with the latest technologies.

We are confident that you will make a valuable contribution to our team and will be an asset to our organization.

Thank you for choosing Caliber Embedded Technologies for your internship.

Sincerely,

Caliber Embedded Technologies

k.m

Authorized signatory

COIMBATORE - SALEM - ERODE - VELLORE - MADURAI - TRICHY

Contact No: 7867017811, 7708954811, 9789756065



Interns Joining Formalities FY 24 - Batch II

2 messages

Humanresources < Humanresources@kaartech.com>

Tue, 22 Nov, 2022 at 5:46 pm

To: Humanresources <Humanresources@kaartech.com>, Employee Life Cycle Management <hrelm@kaartech.com> Cc: Payroll <payroll@kaartech.com>, Gokulavani V <vgokulavani@kaartech.com>, Sanjai Kumar R <rsanjai@kaartech.com>, Muralidharan V <vmuralidharan@kaartech.com>, Asha Jayaraman <jasha@kaartech.com>, Vishnu R <rvishnu@kaartech.com>, Alfred Sam Joes P <palfredsam@kaartech.com>

Dear Intern,

Welcome to the Kaar Family!

Hope you and family are doing well. We are happy to virtually onboard you for internship in FY24 FTF Batch 2 and the joining details are as follows. Kindly give attention to each line of this mail.

We request you to respond to this mail and fill the MS form immediately.

1 Date of Internship Joining: 23rd November 2022 (Wednesday).

Internship will be done virtually.

 Online Induction Programme: On 23rd November 2022 (Wednesday) at 10.00AM IST via Zoom Meeting.

Zoom Meeting Link is below.

Kaar Training is inviting you to a scheduled Zoom meeting.

Topic: FY24 FTF Batch 2

Time: This is a recurring Zoom Meeting

Join Zoom Meeting

https://kaartech.zoom.us/j/81922041130?pwd=UWl1L1JxWEttZUdoTDNuSzVKZ2hYZz

09

Meeting ID: 819 2204 1130

Passcode: 977661

3) Required Documents:

· Attached Joining Report

Bank Passbook Copy/Cancelled Cheque Copy

Address Proofs – Aadhar, PAN, Passport (If Available)

10th, 12th, UG Marksheets (Till Current Semester)

. Click Here - to fill your other requested information*

Note: Kindly share soft copies of the above requested documents and fill the Microsoft Forms as well.

4) Other Preparation:

 Personal Laptop: We will not be issuing official laptops owing to the BYOD (Bring Your Own Device) practice. Hence please use personal laptops.

 Individual Talent Showcase: Everyday 5 of you will be asked to showcase your unique talent (singing, dancing, mimicry, instrumental, etc.) for a few minutes.

5) Other Important Information:

- Dress Code: Business casuals. Associates are required to keep their hair clean, trim, and neat. Shoes for men and appropriate footwear for women is mandatory. No extreme, immodest, and revealing dress. Violation of dress code may lead to disciplinary action.
- · Work Location (If Applicable): Work from Home.

Your acknowledgement for this mail is mandatory.

Looking forward for your onboarding...

Warm Regards, Human Resources



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20EEL05 Dhivya N <20eel05@nandhaengg.org>

To: Humanresources < Humanresources@kaartech.com>

Cc: Employee Life Cycle Management hrelm@kaartech.com, Payroll payroll@kaartech.com, Gokulavani V <vroatratech.com, Sanjai Kumar R <rsanjai@kaartech.com, Muralidharan V <vmuralidharan@kaartech.com, Asha Jayaraman <jasha@kaartech.com, Vishnu R <rvishnu@kaartech.com, Alfred Sam Joes P <palfredsam@kaartech.com>

[quoted text hidden]

Thu, 24 Nov, 2022 at 7:32 am



19EE018 GUNAA SRI D <gunaasri.19ee018@nandhaengg.org>

Interns Joining Formalities FY 23 - Batch V

3 messages

Dear Intern,

Welcome to the Kaar Family!

Hope you and family are doing well. We are happy to virtually onboard you for internship in Batch 5 and the joining details are as follows. Kindly give attention to each line of this mail.

We request you to respond to this mail and fill the MS form immediately.

1. Date of Internship Joining: 21st September 2022 (Wednesday).

Internship will be done virtually (work from home) as of now, until further orders from management.

 Online Induction Programme: On 21st September 2022 (Wednesday) at 10.00AM IST via Zoom Meeting.

Zoom Meeting Link is below.

Kaar Training is inviting you to a scheduled Zoom meeting.

Topic: FY23 FTF Batch 5

Time: This is a recurring Zoom Meeting

Join Zoom Meeting

https://kaartech.zoom.us/j/81455917156?pwd= SDJ5TkJHZzBJL0dMRkInbTl1WWF5QT09

Meeting ID: 814 5591 7156

Passcode: 379654

3) Required Documents:

- Attached Joining Report
- Bank Passbook Copy/Cancelled Cheque Copy
- Address Proofs Aadhar, PAN, Passport (If Available)
- 10th, 12th, UG Marksheets (Till Current Semester)
- Click Here to fill your other requested information*

Note: Kindly share soft copies of the above requested documents and fill the Microsoft Forms as well.

4) Other Preparation:

- Personal Laptop: We will not be issuing official laptops owing to the BYOD (Bring Your Own Device) practice. Hence please use personal laptops.
- Individual Talent Showcase: Everyday 5 of you will be asked to showcase your unique talent (singing, dancing, mimicry, instrumental, etc.) for a few minutes.

5) Other Important Information:

- Dress Code: Business casuals. Associates are required to keep their hair clean, trim, and neat. Shoes for men and appropriate footwear for women is mandatory. No extreme, immodest, and revealing dress. Violation of dress code may lead to disciplinary action.
- · Work Location (If Applicable): Work from Home.

Your acknowledgement for this mail is mandatory.

Looking forward for your onboarding...

Warm Regards,

Human Resources

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19EE018 GUNAA SRI D <gunaasri.19ee018@nandhaengg.org>
To: gunaasri.2001@gmail.com

Mon, Sep 19, 2022 at 4:59 PM

[Quoted text hidden]

Kaar -Intern Joining Report.docx 247K

Tue, Sep 20, 2022 at 12:52 AM

Cc: Employee Life Cycle Management hrelm@kaartech.com, Payroll payroll@kaartech.com, Gokulavani V <vgokulavani@kaartech.com, Sanjai Kumar R hrelm@kaartech.com, Muralidharan V hrelm@kaartech.com, Asha Jayaraman jasha@kaartech.com, Vishnu R rvishnu@kaartech.com

Greetings Sir/ Mam

DECLARATION:

I hereby declare that the below furnished details are true to the best of my



Date: 02/01/2023

Shri Kavin V S/O Veerappan R 8/1, Pillayar Kovil Veethi, Aayipalayam Siruvalur, Gobi Erode (Dt),

Trainee ID: N170795

Dear Kavin V

NEEM Trainee Contract Letter

We are pleased to engage you as **NEEM Trainee** subject to the following terms and conditions:

- 1. The period of training shall be Thirty Six months with start date 02/01/2023 and end date 01/01/2026.
- 2. It shall not be obligatory on our part or of the Establishment / Company wherein you will undergo the on the job training to offer any employment to you during or on successful completion of your training period. As a NEEM Trainee undergoing training in the establishment, you shall be a trainee and not a workman / employee and as such, the provisions of any labour legislations shall not apply to you or in relation to you and your on the job training shall be solely governed by the provisions of All India Council for Technical Educational [National Employability Enhancement Mission (NEEM)] Regulations 2017.
- You shall be given on the job training with TVS Upasana Limited, Hosur for the above mentioned period. You will be imparted training in shifts according to normal hours of work of the establishment to which you are attached for training.
- 4. During the tenure of your training, you shall abide by the rules and regulations from time to time as intimated to you by us and / or the Establishment wherein you will undergo on the job training including but not limited to all matters of conduct, discipline and safety and carry out all lawful orders of the establishment.
 - As NEEM Trainee you shall learn your subject field conscientiously and diligently and attend to practical and instructional classes regularly.
 - 6. As NEEM Trainee you shall maintain a record of your Training during the period of the NEEM TRAINING in the proforma given by TVS Educational Society.
 - 7. When the contract of Training is terminated for failure on your part to carry out the terms of contract, you shall refund to TVS Educational Society as cost of training such amount as may be determined by TVS Educational Society. In such event, you shall not be entitled to enter into another contract of training under the National Employability Enhancement Mission (NEEM).



- 8. Either party may terminate this contract by issuing 30 Days' Notice in writing or payment thereof.
- 9. The Contract of Training can be terminated without compensation payment to you:
 - a. If you secure gainful employment (on production of copy of the appointment letter): and
 - b. If you are unable to continue training on medical grounds (on production of a certificate to this effect from a medical officer not below the rank of a Civil Surgeon/surgeon attached to any Government Hospital).
- 10. During the period of Training, you shall be entitled to a Consolidated Stipend of Rs.13806/- per month. You hereby authorize TVS Educational Society to make all payment required to be made to you either by way of cheque or by directly crediting the amount to your bank account.
- 11. You can also earn Attendance Incentive of Rs.1500/- per month if you attend for On the Job training on all the scheduled training days during a month.
- 12. You will not be entitled to any other emoluments or payments during the period of training.
- Continuance of payment of stipend shall depend on your satisfactory performance during the training period.
- 14. TVS Educational Society will formulate a "Training Program" for training the NEEM Trainees and shall make suitable arrangements for facilitating the same.
- 15. The Stipend for a particular month shall be paid on or before 10th of the following month.
- 16. Any disagreement or dispute between TVS Educational Society and the NEEM Trainee arising out of the terms and conditions of this Contract or incidental or ancillary thereto, shall be referred to and Governed by the provisions of the terms laid under the All India Council for Technical Education [National Employability Enhancement Mission (NEEM)] Regulations 2017.

ENDORSEMENT

I hereby confirm the acceptance of the above NEEM Contract letter, on the terms and conditions stipulated therein. I understand and agree that my signing this contract does not constitute employment by TVS Educational Society or any guarantee of employment. Also, I confirm that I am accepting this contract letter after understanding the clauses mentioned above and it will be conclusive proof of my acceptance to this letter.

For TVS Educational Society

UR. John

Accepted and Agreed

Authorised Signatory

Signature & Date (Kavin V)





HEARTY CONGRATULATIONS!...

Dear : S.KAVIYA

Once again hearty congratulations on your achievement. Wishing you all success and a wonderful life ahead.

Wish you all success.

HR MANAGER

For AGTRS IDART PRIVATE LIMITED

HR MANAGER (COMBATORE HO)

AGTRS IDART PVT LTD





07 Mar, 2023

EMP No: AID003921

NAME - S.KAVIYA

Employment offer

With reference to your application and recent interview with AGTRS IDART PRIVATE LIMITED

We are pleased to offer you the following.

JOB TITLE : OFFICE ASSISTANT

CATEGORY : SCALE 1

GRADE

: A

Probation period - 3 Months (90 Days)

After completion of probation period your salary package Will be fixed per annum - 2,16,000 RS /-

The detailed break - up of your compensation and other terms and conditions of your employment and enclosed

You will be based at COIMBATORE HO

We look forward to having you on board by 07 Mar, 2023,

We are an equal opportunity employer and advancement of employees of the company is a function of their abilities and performances. We place a lot of emphasis on ethical business conduct and believe that development of employees is a shared responsibility. We provide the means for employees to enhance their capabilities and knowledge and employees are expected to optimally utilize these opportunities.

We look forward to having you on board and can promise you an exciting career ahead

Yours sincerely,

For

AGTRS IDART PRIVATE LIMITED

For AGTRS IDART PRIVATE LIMITED

HR Manager - Regular scope





Employment offer

Terms and conditions

- Your initial place of work will be anywhere in Tamil Nadu. However, your service of transferable and can be transferred, seconded are deputed by the company to:
 - a). Any operation in India are abroad under the company of the owner ship of AGTRS IDART PVT LTD, including any joint venture in which AGTRS IDART PVT LTD is a participant.

 You will report to the Manager operations Regular scope, or to such person nominated by the
 - You will report to the Manager operations Regular scope, or to such person nominated by the AGTRS IDART PRIVATE LIMITED Management.
- You will be on probation period of minimum 3 months from the date commenced works but if the company work, but if the company is not satisfied with your work and conduct as per the applicable policies, your service shall liable to be terminated without notice at any time during the probation period. Your probation period may be extended for further period as deem fit by the company it is sole discretion. After completion of the probation period, you shall be deemed to have been confirmed in the service of the company unless you receive any communication in writing to the contrary. During the probation period, should you wish to terminate your service, you may do so by giving 7 days advance notice in writing and you want to pay a sum of 1832Rs/- including of GST for the purpose of Branch activation, uniforms, ID Cards and training charges.
- After confirmation the company may terminated your employment by giving one week advance notice in writing or payment of 7 days salary in lieu thereof at the sole discretion of the company. You may choose to resign from the company at any time after confirmation of service with on few weeks advance notice in writing or payment of 7 days salary in lieu thereof. The company may at, at its sole description, dispense with notice period of one week subject to recovery of one month salary. In case any disciplinary proceedings are either contemplated are pending against you, the company will have the right not to accept your resignation. Your resignation will become effective and final only after the acceptance thereof is communicated to you in writing. Resignation once accepted by the company cannot unilaterally withdrawn by you. Your also liable to terminated without any notice are payment of salary in lieu thereof, if you are found guilty of gross misconduct or any other act or omission resulting in disciplinary proceeding as per the applicable policies of the company.
- If you remain absent for three consecutive days without your managers approval or any authorization, the company will serve you notice at your last known address calling upon you to report for duty immediately if you continue to remain absent without any communication or information to the company after 48 hours from the date of issuance of written notice or fail to furnish satisfactory explanation of your absence you shall be deemed to have abandoned your service and your services shall be terminated forthwith without any further notice. Loss of pay, per day calculated in your gross salary as 900 and 1,100 Rs for scale 1, 1400 Rs for scale 2, 1000 Rs for scale 3 and 4. No loss of pay for executive grade staffs.





- Your working hours leave, holidays and others prescribed service conditions / benefits will be as applicable
 to your category of employees at the office / establishment of the company in which you are for the time
 being posted.
- It is understood that this appointment is being offered to you on the basis of the particular submitted by
 you in your application for appointment. However, if at any time it emerges that, the particular furnished
 by you were false /incorrect are that any material are relevant information had been suppressed,
 concealed or measure presented, your appointment will be concentrate invalid and your services would be
 liable to be terminated by the company forthwith without notice and without prejudice to the rights of the
 company to take legal action against you.
- You will automatically retire from the services of the company at the end of the month in which you attain
 in the age of 60 years.
- You will be governed by the company's policies, rules and regulations applicable, enforced, amended or altered from time to time during course of your employment.
- You shall faithfully diligently and to the best of your ability perform the duties entrusted to you by the company from time to time and shall observed discipline decorum and discretion in the discharge of your duties. While in the employment of the company you shall not offer your services for a consideration to any person legal entity or public authority not the employed in any capacity on a permanent or temporary are part time basis with any entity other then the company.
- You confirm that you have disclosed fully to the company all of your business interested and investments
 whether or not they are similar to or in conflict with the business interest business or activities of the
 company and all circumstance in respect of which there is or there might be a conflict of interest between
 the company and you are any of your immediate relative. You agree to disclose fully to the company any
 such interest or circumstance of conflict which may arise during your employment immediately.
- You shall always have your personal postal address or communication address kept with the company
 updated with all changes immediately including at the time when you proceed on leave. All communication
 send by the company at such address shall be de made to have been réceived by you.
- The continuation of your employment shall always be subject to your medical fitness the company shall
 have the right to require you to subject yourself at any time during your employment for a medical
 examination by their own/ recommended doctor.
- You shall not without the express consent of the company in writing pledge the credit of the company or
 enter into commitments dealings are obligations on behalf of the company for which you have no express
 authority from the company.





- The position healed by you is strictly of a confidential nature. You shall not disclose to any UN authorized person either during or after your employment with the company for any reasons, information about the interest or business of the company or any affiliated companies. You shall not communicate to any public papers, journals, pamphlets or leaflets or cause to be disclosing at any time any information or document official or otherwise relating to the company except with the prior approval of the company. The obligation of confidentially shall continue to be valid and enforceable by the company for a period two years following retirement or termination of services for any reasons whatever.
- Any development process, discovery, plan specification program, design process adaptation or
 improvement in procedure or other matters or work including any artistic literally or other works which
 can be subject matter of copyright, patent, industrial design trade mark / service mark or other forms of
 intellectual property rights may developed discover by you either alone or jointly with any other person or
 persons while in the employment of the company in connection with are in any way affecting or relating to
 the business of the company are capable of being used or adequate for use their in or in connection there
 with shall for forthwith be disclosed to the company and shall belong to and be the absolute property of
 the company.
 - Upon termination of your employment with your company you shall forthwith handover charge and return
 to the company all the assets and property of the company (including any leased properties) documents
 files, books ,papers, memos, laptop ,mobiles ,id card, batch , uniform or any other property of the company
 in your position , custody or control and your dues will be settled only after confirmation in the records is
 received from your manager .
- Your performance may be appraised at regular intervals as per the process specified by the company, subsequent salary adjustments and monetary or non-monetary benefits related to such performance appraisal will be decided by the company at it sole discretion in all matters relating to grant of increment and / or promotion merit will be the only criteria and no record shall be had to seniority in service the decision of the company will be final in this regard.
- Inspection officer should completed 500 calls per month mandatory. Minimum 25 working days are mandatory. Yearly increment will be 10% of basic salary.
- The terms of this employment offer are straightly confidential and any breach of confidentiality will be viewed seriously and may result into disciplinary proceeding as per the policies of the company.
- Any dispute arise in from this offer letter shall be subject to the exclusive jurisdiction of course at Coimbatore





(See sub - Rule (6) of Rule 11 of the Tamil Nadu shops and Establishments Rules, 1948)

Annexure - T / Pay slip (MODEL COPY)

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Employee Name	***********		Employee Code					
D 1 11	***************************************		Date of Joining	*********				
Designation		***		Cate Gracing				
Scala / Grada	******	*******		Month of salary	From D	ate	To Date	
Scale / Grade								
	************		Bank A/C	**********				
Branch Location								
UIDAI Number		Bank Name						
		***********		Pay Mode	**********			
Employee Address	1				LOP	CL/EL/	/PL	OD
ATTENDANCI	E	Present	Absent		LOP		-	_
			0	Type of Leave	0	0		0
Total Working Days	0	0	1	nil Nadu shops and Esta	1			

Fam	nings	Deduction	100
	10,000.00	Advance Salary	0.00
Basic Pay		PF / NPS Contribution	0.00
Special Allowance	5000.00	ESIC Contribution	0.00
Flexible Allowance	3000.00	PF Loan	0.00
Fixed Personal Pay	0.00	LOP / LWP	0.00
Graduation Pay	0.00	Income Tax	0.00
House Rent Allowance	4000.00	Tax Deduction at source	0.00
CCA	0.00		0.00
Special Allowance Pay	0.00	Labor welfare Fund	0.00
Cycle Allowance	0.00	House Rent Recovery	4000.00
Food Coupon	2500.00	House Rent Paid	0.00
Mobile Allowance	0.00	Medical WF Allowance	(TATA)
	0.00	Food coupon	2500.00
Incentives Payment	0.00	Professional Tax	0.00
Transport Allowance	0.00	Other Deduction	0.00
Arrears	0.00	Loans	0.00
Bonus Amount	0.00		
Ex gratia Amount	0.00		
Other Earnings			
Total Earnings (CTC)	24,500.00	Total Deductions	6500.00
Net payable	Rupees : 18,000.00 /-		

(This is a system generated document hence does not require any signature)



DATE: 01.02.2023

Dear MOHANAPRIYA.T,

We are pleased to inform you that Caliber Embedded Technologies has accepted your request to intern at our company from 01/02/2023 to 15/04/2023.

9

We look forward to welcoming you to our team and to providing you with a valuable learning experience. During your time here, you will have the opportunity to work with some of the most talented engineers and developers in the industry and gain hands-on experience with the latest technologies.

We are confident that you will make a valuable contribution to our team and will be an asset to our organization.

Thank you for choosing Caliber Embedded Technologies for your internship.

Sincerely,

Caliber Embedded Technologies



k.m

Authorized signatory

COIMBATORE - SALEM - ERODE - VELLORE - MADURAI - TRICHY Contact No: 7867017811, 7708954811, 9789756065



AL/1828

Prithiga Gnanasigamani

OR 10. 0. 000. 000 0 110 045100000000 100000000_1111 011 74 1 741 1000

23-Feb-2023

8/37, Sellakumarapalayam, Poondurai Semur(Po), Aval Poondurai(Via), Erode - 638115

Dear Prithiga Gnanasigamani,

Offer of Appointment

We are extremely pleased to offer you the job of "Associate Developer" in VINSINFO Private Limited on the following terms and conditions.

Probation

You will be on probation for a period of 180 calendar days or such extended period as may be decided by the company based on your performance.

*An early confirmation (<6 months) is possible for trainees who exhibit extraordinary performance.

Compensation

Your annual compensation (CTC) will be Rs. 334799/- (Rupees Three Lakhs Thirty Four Thousand Seven Hundred and Ninety Nine Only). Refer attached Annexure for salary structure.

Working Hours

The hours of work will commence at 9.30 a.m. and will continue till 6.30 p.m. every day. However, you may have to work in different time zone as required in the assigned project which will be communicated by your Manager.

The office will be functioning 5 days a week beginning on Monday. Sunday will be weekly holiday. The office will be closed on first, second and fourth Saturdays of each month, 5 Government holidays in a year and 7 days will be on the option chosen at the beginning of the calendar year.

Leave Policy

You will be entitled to 14 days of earned leave a year. You are expected to take prior permission of your manager for availing leave.

We are committed to ensuring a family-friendly environment and a culture that builds a great work-life balance. Women are entitled to maternity leave with full pay for a period of 26 weeks. This policy is in line with latest Maternity Benefit (Amendment Act) 2017. Men will be entitled to paternity leave with full pay for a period of 5 continuous working days.

Confidentiality

The work developed at VINSINFO Private Limited is proprietary to the company and at no instance you will reveal to outsiders or competitors the information of clients, projects and products developed.



Non-Disclosure and Service Agreement

You will be required to sign a Non-Disclosure Agreement and Service Agreement (for 30 Months) on the joining day along with your appointment letter.

Termination of Employment

- a. During probation period, your services can be terminated by the company with a notice of one day and a month's salary.
- b. On confirmation, your services can be terminated with a minimum notice period of 1 month or completion of the project handled.
- c. If you resign from the services of the company, you will have to serve a notice period of 3 months.

Higher Education

During your employment at VINSINFO Private Limited, you cannot take up full time or part time employment elsewhere. If you join any educational institution school or college, you should inform the management 3 months in advance. You will be permitted to pursue higher education (through distance education) on completion of 1 year of service.

Note

- Your address noted above shall be treated as your correct address for all communications. If there is any change in your above address, the same should be intimated to the employer within three days of such change.
- You will abide by all the rules and regulations of the Company which are in force from time to time and the Company shall have the right to vary or modify any or all of the above terms and conditions which shall be binding on you.
- Any change in the terms and conditions of employment is at the Company's discretion and will be notified individually through e-mail communication.

Looking forward to a professionally meaningful and mutually rewarding relationship!

Welcoming you again to the VINS family!

Sincerely yours

For VINSINFO PRIVATE LIMITED,

Authorized Signatory

I hereby accept the Appointment Letter with the terms and conditions mentioned above and agree to join on **08-Mar-2023**.

Signature:

Name: PRITHIGA G

Date: Feb 24 2023 12:15 IST

CIN U72900TN2018PTC126579

PAN AAGCV7368H GSTIN 33AAGCV7368H1ZZ



Annexure

	Associate Developer		
Salary Heads	Monthly (INR ₹)	Annual (INR ₹)	
Gross Salary	25250		
Basic	12625		
HRA	5813		
Special Allowance	4175		
Conveyance	1600		
Gross Salary (A)	25250	303000	
Employee Contribution towards PF	1800		
Employee Contribution Towards ESI	0		
Professional Tax	208		
Net Salary 23242		278904	
Employer Contribution towards PF (B)	1800	21600	
Employer Contribution 0 towards ESI (C)		0	
Gratuit	7284		
Medical Insuranc	2915		
Annual Cost to the Con	npany (A+B+C+E+F)	334799 Dees Three Lakhs Thir	

Note: Employee Benefits such as Medical Insurance Coverage, Gift Cards on Birthdays, Anniversaries etc not included in the above structure.

The calculation for PF, ESI & Gratuity is based on prevailing norms and any change in government policy will have a necessary effect on that particular date.



OFFER LETTER

Dear Santhosh

We are happy to announce that you have been selected to fill the position of **Technical Engineer**. You will be paid a consolidated salary of **Rs.10,000.00** per month from the date of joining (12/09/2022).

You will be on probation, for a period of three months from the date of joining. On successful completion of probation your service will be confirmed.

On behalf of the management, we welcome you to join hands and wish you an excellent career path. Read the "Human Resources policy and procedures" and follow it.

Best Wishes

For Mobitech Wireless Solution Private Limited

SOUTH AND SOUTH

Authorized Signatory

& Dheurel.



OFFER LETTER

Dear SASI KUMAR

We are happy to announce that you have been selected to fill the position of Technical Engineer. You will be paid a consolidated salary of Rs.9,000.00/- per month from the date of joining (21/09/2022).

You will be on probation, for a period of three months from the date of joining. On successful completion of probation your service will be confirmed.

On behalf of the management, we welcome you to join hands and wish you an excellent career path. Read the "Human Resources policy and procedures" and follow it.

Best Wishes

For Real Tech GPS Private Limited

rized Signatory



Date: 02/01/2023

Shri Suhaskumar S S/O Sivan M 4/406, Purathur (Vill), P.Chettihalli (Po) Palacode Dharmapuri (Dt),

Trainee ID: N170758

Dear Suhaskumar S

NEEM Trainee Contract Letter

We are pleased to engage you as NEEM Trainee subject to the following terms and conditions:

- 1. The period of training shall be Thirty Six months with start date 02/01/2023 and end date 01/01/2026.
- 2. It shall not be obligatory on our part or of the Establishment / Company wherein you will undergo the on the job training to offer any employment to you during or on successful completion of your training period. As a NEEM Trainee undergoing training in the establishment, you shall be a trainee and not a workman / employee and as such, the provisions of any labour legislations shall not apply to you or in relation to you and your on the job training shall be solely governed by the provisions of All India Council for Technical Educational [National Employability Enhancement Mission (NEEM)] Regulations 2017.
- You shall be given on the job training with TVS Upasana Limited, Hosur for the above mentioned period. You will be imparted training in shifts according to normal hours of work of the establishment to which you are attached for training.
- 4. During the tenure of your training, you shall abide by the rules and regulations from time to time as intimated to you by us and / or the Establishment wherein you will undergo on the job training including but not limited to all matters of conduct, discipline and safety and carry out all lawful orders of the establishment.
- As NEEM Trainee you shall learn your subject field conscientiously and diligently and attend to practical and instructional classes regularly.
- As NEEM Trainee you shall maintain a record of your Training during the period of the NEEM TRAINING in the proforma given by TVS Educational Society.
- 7. When the contract of Training is terminated for failure on your part to carry out the terms of contract, you shall refund to TVS Educational Society as cost of training such amount as may be determined by TVS Educational Society. In such event, you shall not be entitled to enter into another contract of training under the National Employability Enhancement Mission (NEEM).



- 8. Either party may terminate this contract by issuing 30 Days' Notice in writing or payment thereof.
- 9. The Contract of Training can be terminated without compensation payment to you:
 - a. If you secure gainful employment (on production of copy of the appointment letter): and
 - b. If you are unable to continue training on medical grounds (on production of a certificate to this effect from a medical officer not below the rank of a Civil Surgeon/surgeon attached to any
- 10. During the period of Training, you shall be entitled to a Consolidated Stipend of Rs.13806/- per month. You hereby authorize TVS Educational Society to make all payment required to be made to you either by way of cheque or by directly crediting the amount to your bank account.
- 11. You can also earn Attendance Incentive of Rs.1500/- per month if you attend for On the Job training
- 12. You will not be entitled to any other emoluments or payments during the period of training.
- 13. Continuance of payment of stipend shall depend on your satisfactory performance during the training
- 14. TVS Educational Society will formulate a "Training Program" for training the NEEM Trainees and shall make suitable arrangements for facilitating the same.
- 15. The Stipend for a particular month shall be paid on or before 10th of the following month.
- 16. Any disagreement or dispute between TVS Educational Society and the NEEM Trainee arising out of the terms and conditions of this Contract or incidental or ancillary thereto, shall be referred to and Governed by the provisions of the terms laid under the All India Council for Technical Education [National Employability Enhancement Mission (NEEM)] Regulations 2017.

ENDORSEMENT

I hereby confirm the acceptance of the above NEEM Contract letter, on the terms and conditions stipulated therein. I understand and agree that my signing this contract does not constitute employment by TVS Educational Society or any guarantee of employment. Also, I confirm that I am accepting this contract letter after understanding the clauses mentioned above and it will be conclusive proof of my acceptance to this

For TVS Educational Society

Accepted and Agreed

V.R. Silar

Signature & Date (Suhaskumar S)

Authorised Signatory



19EE062 SUKESH S <sukesh.19ee062@nandhaengg.org>

Interns Joining Formalities FY 23 - Batch V

Dear Intern.

Welcome to the Kaar Family!

Hope you and family are doing well. We are happy to virtually onboard you for internship in Batch 5 and the joining details are as follows. Kindly give attention to each line of this mail.

We request you to respond to this mail and fill the MS form immediately.

1 Date of Internship Joining: 21st September 2022 (Wednesday).

Internship will be done virtually (work from home) as of now, until further orders from management.

 Online Induction Programme: On 21st September 2022 (Wednesday) at 10.00AM IST via Zoom Meeting.

Zoom Meeting Link is below.

Kaar Training is inviting you to a scheduled Zoom meeting.

Topic: FY23 FTF Batch 5

Time: This is a recurring Zoom Meeting

Join Zoom Meeting

https://kaartech.zoom.us/j/81455917156?pwd= SDJ5TkJHZzBJL0dMRkInbTl1WWF5QT09

Meeting ID: 814 5591 7156

Passcode: 379654

3) Required Documents:

- Attached Joining Report
- Bank Passbook Copy/Cancelled Cheque Copy
- Address Proofs Aadhar, PAN, Passport (If Available)
- 10th, 12th, UG Marksheets (Till Current Semester)
- Click Here to fill your other requested information*

Note: Kindly share soft copies of the above requested documents and fill the Microsoft Forms as well.

4) Other Preparation:

- Personal Laptop: We will not be issuing official laptops owing to the BYOD (Bring Your Own Device) practice. Hence please use personal laptops.
- Individual Talent Showcase: Everyday 5 of you will be asked to showcase your unique talent (singing, dancing, mimicry, instrumental, etc.) for a few minutes.

5) Other Important Information:

- Dress Code: Business casuals. Associates are required to keep their hair clean, trim, and neat. Shoes for men and appropriate footwear for women is mandatory. No extreme, immodest, and revealing dress. Violation of dress code may lead to disciplinary action.
- Work Location (If Applicable): Work from Home.

Your acknowledgement for this mail is mandatory.

Looking forward for your onboarding...

Warm Regards, Human Resources

Disclaimer / Notice. "This transmittal and/or attachments have been issued by Kaar Technologies. The information contained here within may be privileged or confidential. If you are not the intended recipient, you are hereby notified that you have received this transmittal in error; any review, dissemination, distribution or copying of this transmittal is strictly prohibited. If you have received this transmittal and/or attachments in error, please notify us immediately by reply or by telephone (Tel. +91-44-40651555) or by E-mail itconnect@kaartech.com and immediately delete this message and all its attachments."

Kaar -Intern Joining Report.docx 247K



Date: 02/01/2023

Shri Yeswanth Kumar P S S/O Subramaniam P K 22, Kinatru Street, Ponnatchipudur Perunthalaiyur (Po), Bhavani (Tk) Erode (Dt),

Trainee ID: N170794

Dear Yeswanth Kumar P S

NEEM Trainee Contract Letter

- We are pleased to engage you as NEEM Trainee subject to the following terms and conditions:
 - 1. The period of training shall be Thirty Six months with start date 02/01/2023 and end date 01/01/2026.
 - 2. It shall not be obligatory on our part or of the Establishment / Company wherein you will undergo the on the job training to offer any employment to you during or on successful completion of your training period. As a NEEM Trainee undergoing training in the establishment, you shall be a trainee and not a workman / employee and as such, the provisions of any labour legislations shall not apply to you or in relation to you and your on the job training shall be solely governed by the provisions of All India Council for Technical Educational [National Employability Enhancement Mission (NEEM)] Regulations 2017.
 - You shall be given on the job training with TVS Upasana Limited, Hosur for the above mentioned period. You will be imparted training in shifts according to normal hours of work of the establishment to which you are attached for training.
- 4. During the tenure of your training, you shall abide by the rules and regulations from time to time as intimated to you by us and / or the Establishment wherein you will undergo on the job training including but not limited to all matters of conduct, discipline and safety and carry out all lawful orders of the establishment.
 - 5. As NEEM Trainee you shall learn your subject field conscientiously and diligently and attend to practical and instructional classes regularly.
 - 6. As NEEM Trainee you shall maintain a record of your Training during the period of the NEEM TRAINING in the proforma given by TVS Educational Society.
 - 7. When the contract of Training is terminated for failure on your part to carry out the terms of contract, you shall refund to TVS Educational Society as cost of training such amount as may be determined by TVS Educational Society. In such event, you shall not be entitled to enter into another contract of training under the National Employability Enhancement Mission (NEEM).



TVS Educational Society

- 8. Either party may terminate this contract by issuing 30 Days' Notice in writing or payment thereof.
- 9. The Contract of Training can be terminated without compensation payment to you:
 - a. If you secure gainful employment (on production of copy of the appointment letter): and
 - b. If you are unable to continue training on medical grounds (on production of a certificate to this effect from a medical officer not below the rank of a Civil Surgeon/surgeon attached to any Government Hospital).
- 10. During the period of Training, you shall be entitled to a Consolidated Stipend of Rs.13806/- per month. You hereby authorize TVS Educational Society to make all payment required to be made to you either by way of cheque or by directly crediting the amount to your bank account.
- 11. You can also earn Attendance Incentive of Rs.1500/- per month if you attend for On the Job training on all the scheduled training days during a month.
- 12. You will not be entitled to any other emoluments or payments during the period of training.
- 13. Continuance of payment of stipend shall depend on your satisfactory performance during the training period.
- 14. TVS Educational Society will formulate a "Training Program" for training the NEEM Trainees and shall make suitable arrangements for facilitating the same.
- 15. The Stipend for a particular month shall be paid on or before 10th of the following month.
- 16. Any disagreement or dispute between TVS Educational Society and the NEEM Trainee arising out of the terms and conditions of this Contract or incidental or ancillary thereto, shall be referred to and Governed by the provisions of the terms laid under the All India Council for Technical Education [National Employability Enhancement Mission (NEEM)] Regulations 2017.

ENDORSEMENT

I hereby confirm the acceptance of the above NEEM Contract letter, on the terms and conditions stipulated therein. I understand and agree that my signing this contract does not constitute employment by TVS Educational Society or any guarantee of employment. Also, I confirm that I am accepting this contract letter after understanding the clauses mentioned above and it will be conclusive proof of my acceptance to this letter.

For TVS Educational Society

Accepted and Agreed

who. A. V

Signature & Date (Yeswanth Kumar PS)

Authorised Signatory

ST - Internship

NANDHA ENGINEERING COLLEGE (AUTONOMOUS),ERODE -52 DEPARTMENT OF INFORMATION TECHNOLOGY INTERNSHIP DETAILS 2022-2023

S-NO	REG NO	NAME	COMPANY NAME	DURATION	STIPEND
1	19IT002	AKASII CHANDRU S	VABGO	01/12/2022 TO 31/12/2022.	15,000/-
2	19IT007	ARUN T	VIRTUSA	27-06-2022 TO 27-04- 2023.	NIL
3	19IT020	DINESH KUMAR T	PURPLESLATE	JAN 17,2023 TO 15 th JUNE 2023.	NIL
4	19IT041	NITHISH KUMAR M	VABGO	01/12/2022 TO 31/12/2022	15,000/-
5	191T053	SRIRANJANI B	KAAR TECHNOLOGY	SEPT 22,2022 TO MAR 2023.	5000/-
6	20IT004	ARUNACHALAM G	KAAR TECHNOLOGY	23 rd NOV 2022 TO APRIL 2023.	5000/-
7	20IT016	JEEVITHA K	KAAR TECHNOLOGY	23 rd NOV 2022 TO APRIL 2023.	5000/-
8	20IT048	SUDHARSHINI V M	KAAR TECHNOLOGY	23 rd NOV 2022 TO APRIL 2023.	5000/-

FACULTY INCHARGE

Hob



November 30, 2022

INTERNSHIP OFFER LETTER

This is to certify that Akash Chandru S a student of the IT Department studying at Nandha Engineering College, Erode. Enrollment ID 19IT002 will be undergoing an internship program at Vabgo.

He will be undertaking an internship in Front End Development. The internship will be for 1 month probationary. Later it can be extended based on student and college, from 1/12/2022 to 31/12/2022 at location Perundurai.

Indicative Roles & Responsibilities:

- You will be responsible for building the front end of the web application.
- Translating wireframes and designs to good-quality code.
- Collecting data on consumers, competitors, and the marketplace.
 Consolidating information into actionable items, reports, and presentations.
- Develop responsive web-based U

For Vabgo



November 30, 2022

INTERNSHIP OFFER LETTER

This is to certify that Nithish Kumar M a student of the IT Department studying at Nandha Engineering College, Erode. Enrollment ID 19ITO41 will be undergoing an internship program at Vabgo.

He will be undertaking an internship in Front End Development. The internship will be for 1 month probationary. Later it can be extended based on student and college, from 1/12/2022 to 31/12/2022 at location Perundurai.

Indicative Roles & Responsibilities:

- You will be responsible for building the front end of the web application.
- Translating wireframes and designs to good-quality code.
- Collecting data on consumers, competitors, and the marketplace.
 Consolidating information into actionable items, reports, and presentations.
- Develop responsive web-based U

For Vabgo

EXPERIENCE & SERVICE CERTIFICATE

05-05-2023

Dear Arun T.

Please find your Employment Record and Relieving date with Virtusa Consulting Services Pvt Ltd as per the details below.

Name Arun T

Employee Code 8133806

Designation on Relieving Intern-Delivery

Date of Joining 27-06-2022

Date of Resignation 27-04-2023

Date of Relieving 27-04-2023

We wish you all the best for your future endeavors.

For Virtusa Consulting Services Pvt Ltd,

Rahul Sahay

Gehal Salay

Senior Vice President (Level II)-HR



3rd February 2023

To whomsoever it may concern

This is to confirm that Dinesh Kumar T is pursuing his internship with us from 17th January 2023 and the internship program is expected to last up to 15th June 2023.

Thanks and Regards

Manjula A G PurpleSlate Private Limited

Dhyan

Offer Letter

September 02, 2022

Mr. Nithish Kumar M, 52, Arasanthootam, Vellankovil, Gobichettipalayam, Erode – 638054.

Dear Mr. Nithish Kumar M.

We are pleased to offer you a Software Internship position at Dhyan Networks and Technologies Private Limited ("Company").

The Software Internship is being offered at the Company under the following terms:

- Your monthly pay will be INR 15,000/-.
- The Software Internship at the Company is from October 17, 2022, until June 30, 2023.
- You will be required to start the Software Internship at the Company no later than October 17th, 2022.
- As a software intern you will be required to abide the policies of the Company.

You will be working with a Company Mentor who will help you in learning software technologies to enable you to meet your course requirements and successfully graduate from Nandha Engineering College, Erode ("College").

Upon successfully graduating with a bachelor's degree in Information Technology from your College no later than June 30, 2023, and upon satisfactorily completing the software internship at the Company, we would be pleased to offer you the role of a Software Engineer-Trainee at Dhyan Networks and Technologies Private Limited under the following terms and conditions

- 1. Your annual pay will be INR 4,00,463/-. Please refer to Annexure for the details.
- Initially you will be on probation for a period of 6 months. You will be deemed to be on probation until confirmed to services in writing.
- You will be based at CHENNAI. You should be prepared to work anywhere in India or abroad. The Company reserves the right to transfer you to any office, department or establishment forming a part of our company or any establishment wherever our company will be having interest.
- 4. You will report to the Head Engineering or his/her nominee.
- 5. You will be eligible for leave in accordance with the rules of the Company.
- 6. You will be required to sign a service agreement prior to starting employment with the Company.

Dhyan

taxes will be recoverable from the payments payable. The perquisites and benefits shall cease on termination or separation. In addition, if any of the conditions of your employment or post-employment with Dhyan Networks and Technologies Private Limited are violated the Company or its representatives will take suitable actions against you as per the Indian law for damages.

- 12. During the period of your service with the Company, you will be required to give three months' notice or salary thereof in case you decide to leave the services, subject to the Company's discretion. In the event if you have any incomplete assignment, the Company will have the discretion to relieve you only at the end of three-month notice period. Similarly, the Company can terminate your services by giving you three months' notice or salary thereof.
- Breach of any of the above conditions will render you liable to termination of your employment without notice or compensation.
- 14. You are required to submit to us at the time of your joining.
 - Photocopies of your educational qualifications
 - 4 passport size photographs & 2 stamp size photographs
 - Photocopy of your Passport, Pan card and Aadhar Card
- 15. Kindly indicate your acceptance by returning a signed copy of this letter so that it reaches us by September 05, 2022. If your offer acceptance letter is not received by us by the above-mentioned date, then the offer is automatically withdrawn.

We take great pleasure in welcoming you to our organization and are looking forward to a mutually rewarding relationship!

Mahendran Kulandasamy

Mahendran Kulandasamy Authorized Signatory

ACCEPTANCE

I have carefully and consciously gone through the entire covenants, terms and conditions of employment	and
have fully read and understood the above terms and conditions of employment and am accepting the same v	
full satisfaction without any coercion, or compulsion or duress or any misrepresentation. I will be reporting	for
employment on	

Address:

Signature and Date

Name:



Date: September 22, 2022

Name of the Student: Sriranjani Badrinath

Name of the College: Nandha Engineering College

Letter of Intent to Hire

This letter is evidence that you have successfully completed our selection process for the "Trainee – SAP Sergeant" role.

With reference to your participation in the on-campus hire process, and subsequent interview you had with us, we are happy to extend an Intent to hire letter.

The offer Letter will be issued after your successful completion of your academic coursework in compliance with our recruitment criteria of 80% in 10th Std, 80% in 12th Std and 75% in UG / PG score without history or standing arrears. Employment is subject to you being medically fit, and subject to satisfactory references, background verifications.

All campus hires will get an opportunity to do internship from 7th semester for the period of one year. During the first 6 months, interns will be exposed to ERP, Digi-Tech, SAP Full Stack Technical and Functional Modules along with Project Management training. During this phase they are expected to complete multiple mini projects to get hands on experience in SAP along with a learning stipend of Rs 5000/-.

On successful completion of project review and assessments, interns will be eligible to enter second 6 months, and they will undergo project related training and participate in live projects along with the learning stipend of Rs.10000. (Rupees Ten Thousand Only) The above-mentioned stipend is inclusive of Provident Fund as per the statutory act. and Interns will be elevated to the role of full-time employee based on the final assessment in live project and they are eligible to get their full salary. Your salary from 1st month of probation will fall under Rs. 650000 (Rupees Six Lakhs and Fifty Thousand Only) Annual CTC. All the salary components will be subject to statutory compliance. The details are enclosed in the annexure.

We will be issuing the offer letter at the time of Joining.

The DOJ is subject to business requirement and market conditions. Your Joining batch and the date will be communicated by Human Resource Department separately

You will be required to sign a Proprietary Information and Inventions agreement on joining. Your employment with us will be governed by the terms and conditions of the organization.

We welcome you to Kaar Technologies and look forward to a long and mutually rewarding association with you.

Yours Sincerely, For Kaar Technologies India Pvt Ltd.,

I accept the above terms and conditions.

Kaar Technologies
Level 8 Shyamata Towers.
No 136, Arcot Road,
Chennai 600 093, TN, INDIA
CIN U72200TN2005PTC087063
t | +91 (44, 4065 1500
f | +91 (44, 4065 1512
e | info@kaartech.com
W | www.kaartech.com

Authorized Signatory.

Candidate Signature
Date
Date of Joining

ANNEXURE

Name: Sriranjani Badrinath

Designation: Trainee

Band: II-D

Compensation Structure in Rs.	Annual	Monthly
Basic	THE RESERVE OF THE PARTY OF THE	Monuny
	260000	21667
HRA		2.007
	130000	10833
Flexi Benefit Allowance		
- The Walle	218900	18242
Gross Salary		
	608900	50742
Employer's Contribution to PF		
, your commission to PP	21600	1800
Gratuity	400-	
	13000	NA
Medical Insurance	0500	
	6500	NA
Annual Cost to Company	650000	
the state of the s	030000	A CONTRACTOR OF STREET



Date: 17-July-2023

Name of the Student: Arunachalam Gurusamy

Name of the College: Nandha Educational Institutions

Letter of Intent to Hire

This letter is evidence that you have successfully completed our selection process for the "Trainee – SAP Sergeant" role.

With reference to your participation in the on-campus hire process, and subsequent interview you had with us, we are happy to extend an Intent to hire letter.

The offer Letter will be issued after your successful completion of your academic coursework in compliance with our recruitment criteria of 80% in 10th 5td, 80% in 12th 5td and 75% in UG / PG score without history or standing arrears. Employment is subject to you being medically fit, and subject to satisfactory references, background verifications.

All campus hires will get an opportunity to do internship from 7th semester for the period of one year. During the first 6 months, interns will be exposed to ERP, Digi-Tech, SAP full Stack Technical and Functional Modules along with Project Management training. During this phase they are expected to complete multiple mini projects to get hands on experience in SAP along with a learning stipend of Rs 5000/-.

On successful completion of project review and assessments, interns will be eligible to enter second 6 months, and they will undergo project related training and participate in live projects along with the learning stipend of Rs.10000. (Rupees Ten Thousand Only) The above-mentioned stipend is inclusive of Provident Fund as per the statutory act. and Interns will be elevated to the role of full-time employee based on the final assessment in live project and they are eligible to get their full salary. Your salary from 1th month of probation will fall under Rs. 650000 (Rupees Six Lakhs and Fifty Thousand Only) Annual CTC. All the salary components will be subject to statutory compliance. The details are enclosed in the annexure.

We will be issuing the offer letter at the time of Joining.

The DOJ is subject to business requirement and market conditions. Your Joining batch and the date will be communicated by Human Resource Department separately

You will be required to sign a Proprietary Information and Inventions agreement on joining. Your employment with us will be governed by the terms and conditions of the organization.

We welcome you to Kaar Technologies and look forward to a long and mutually rewarding association with you.

Yours Sincerely,

For Kaar Technologies India Pvt Ltd.,

I accept the above terms and conditions.

Kaar Technologies
Level 8 Shyamata Towers,
No 136 Arcot Road,
Chemna 600 093 TN INDEA
CIN 172200TN2005PT0082065

1 +91 144-4065 1512

2 infositivartech.com

W. www.kaartech.com

Authorized Signatory.

frig.

Candidate Signature
Date of Joining

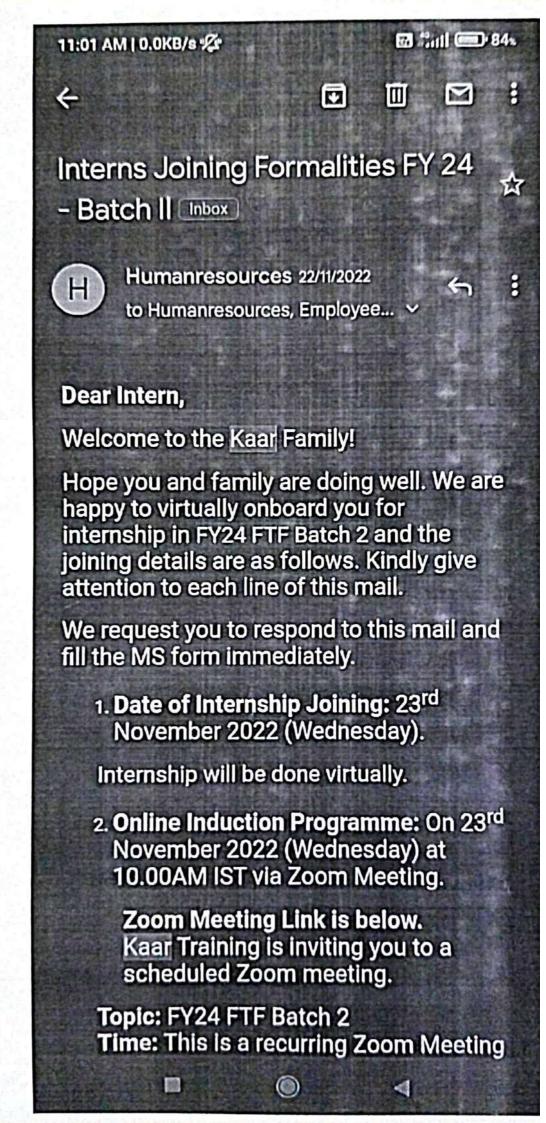
ANNEXURE

Name: Arunachalam Gurusamy

Designation: Trainee

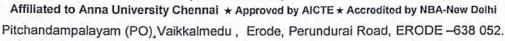
Band: II-D

Compensation Structure in Rs.	Annual	Monthly
Basic	260000	21667
HRA	130000	10833
Flexi Benefit Allowance	218900	18242
Gross Salary	608900	50742
Employer's Contribution to PF	21600	1800
Gratuity	13000	NA
Medical Insurance	6500	NA
Annual Cost to Company	650000	





(Autonomous)





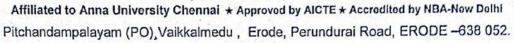
DEPARTMENT OF MANAGEMENT STUDIES

INTERNSHIP ACADEMIC YEAR 2022-2023

Reg No	Student Name	Name of the Company	
21BA001 Aishwarya. A		Apex Association	
21BA002	Akash Raju. A	Rhythm Knit India Pvt Ltd	
21BA003	Akila. B	Dsv Solution Pvt Ltd	
21BA004	Amitha R	Real Tech Systems	
21BA005	Bala Abhirami.R	Eatman Foods India (P) Ltd	
21BA006	Bhuvaneshwari. S	R.K.Ganapathi Chettiar	
21BA007	Brindha.S	Gdn Export Pvt Ltd	
21BA008 Chidiraiselvan.B		My Daddy Business Solution	
21BA009 Dhanesh. T		SHRi Ganga Food Products	
21BA010 Dineskumar. D		Icici Prudential	
21BA011 Elakeya.M		Vivarttana Technology Pvt. Ltd	
21BA012	Gowthamrajan.N	Mehala Machines India Limited	
21BA013	GunasHRee.G	Ic Tech Engineering Solutions	
21BA014 Indhuja.S		Kavitha Dyeings	
21BA015	Jayasurya.J	Podaran Snacks	
21BA016	Jayasurya. R	Peps Industries Pvt Ltd	
21BA017	Jeevitha. P	Poppys Knitwear Pvt Ltd	



(Autonomous)



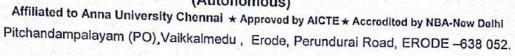


DEPARTMENT OF MANAGEMENT STUDIES

21BA018	John Varghese	Sakthi Sugars Limited	
21BA021 Karthikeyan		Sri Venkateswara	
21BA022	Kavin.D	Iridescent Apparels Pvt Ltd	
21BA024	Kavin Sangar. M	Sakthi Sugars Limited	
21BA025	Lokeshwaran. T	Meythoma International	
21BA026	Mabhu Balan.V	My Daddy Business Solution	
21BA027	Madhumidha	Kmch Speciality Hospital	
21BA028	Manikandan.S	Feather Touch Cura	
21BA029	Mathivanan.D	Sbb Stainless Steel Fabrication	
21BA030	Mohamed Arsath Allaudeen. M	Otbito Asia Mechatronics Pvt Ltd	
21BA031	Mohanraj. K	Sakthi Onfra Tex Private Limited	
21BA032	Nagulan. M	Bojoraj Tex Mills Ltd	
21BA033	Naveenkumar.N	Peps Industries Pvt Ltd	
21BA034	PavitHRa Devi.V	Dynamic Electrricals	
21BA035	Praveen Paul.H	Maxsell	
21BA036	Punniavathi,S	Siva Apparels	
21BA037 Raghul.D		Vijay Raja Homes Private Limite	
21BA038 Rajendra Prasad. R		Baer Shoes India Private Limited	
21BA039	Ramachandran. S	Spin Aqm	
21BA040	Ramya.M	Soli Food Company	



(Autonomous)





DEPARTMENT OF MANAGEMENT STUDIES

21BA041	Sairamanan	Natart Aprarels
21BA042	Santhiya.S	Subasri Tex
21BA043	Sankar.M	Dharani Industries
21BA044	Saranya.A	Spinpack Industries Co
21BA045	Saraawathi. E	Star Tex
21BA046	Sathya Narayana.N	Beter Place Select
21BA048	Sitheshwaran.I	Spac Starch Products (India) Private Limited
21BA050	Sivaramakrishnan.S	Srs Country Chicken
21BA051	Siva Ranjini.N	Irel (India) Limited
21BA052	Sneha. R	Bikiman Industries
21BA053	Srisharshini, R	Pick And Pack Appliance
21BA054	Sugumar.R	Deccan Industries
21BA055	Suthish.K	Rhythm Knit India
21BA056	Swetha.S	Foods And Inns Limited
21BA057	Tarunvineswaran	Avm Printers
21BA058	Tharani. V	Roots Indutries India Ltd
21BA060	Visshalbharath	Bry Air (Asia) Pvt. Ltd

HEAD OF THE DEPARTMENT
DEPARTMENT OF MANAGEMENT STUDIES NANDHA ENGINEETING COLLEGE. ERODE - 636 052



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mintil animalitation more procupitational 1200 grit. 2 compound from Printe. Mangalore. Channel Mannahad

26.08.2022

INTERNSHIP CONFIRMATION LETTER

TO

M.AISHWARYA. II-MBA,

NANDHA ENGINEERING COLLEGE(Autonomous),
PERUNDURAI MAIN ROAD,
ERODE-638052.

Sub: Regarding Your Internship In Our Company's Human Resource Department.

Dear Aishwarya,

We Would Like To Confirm You That Your Application

For Internship For The Position Of HR In Human Resource Department Has

Been Accepted With Duration From 26.08.2022 To 23.09.2022

For Apex associates,

Deals with:

















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INTERNSHIP COMPLETION LETTER

Date: 23 09 2022

Sub: Internship completion letter.

This is to certify that Akash Raju Arivezhil has completed his Internship program as a Executive in all Departments at RHYTHM KNIT INDIA (P) LTD., (Unit-1) Tirupur.

During his Internship he has demonstrated his skills with self-motivation to learn new skills. He performance exceeded our expectations and he was able to complete the project on time.

"We wish him all the best for his apcoming career".

FOR RHYTHM KNIT INDIA (P) LTD.,

CIN : U181011Z2010PTC016040 1 IE CODE 3210008825 GSTIN 33AAECR7534H1ZD1 PAN : AAECR7534H



(AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

ERODE - 638 052 TAMILNADU

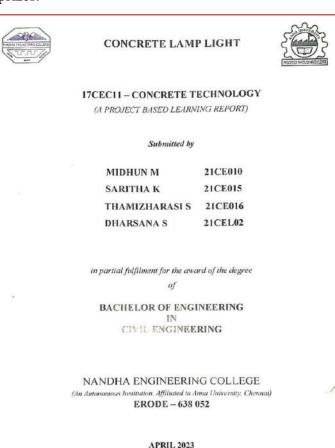
Email: principal@nandhaengg.org Mobile: 73737 12234

Project Based Learning

4. Project Based Learning

Innovative projects lead the students for lively learning experience. To motivate the students for innovation, projects are given for second and third year students apart from the regular curriculum to encourage them for group learning and having hands on experience and it is also exhibited during the symposium.

Innovation Day is conducted by the institution every year and the best project is awarded with cash prizes.



NANDHA ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Certified that this PBL report "CONCRETE LAMP LIGHT" is the bonafide work of

> MIDHUN M 21CE010 SARITHA K 21CE015 THAMIZHARASIS 21CE016 DHARSANAS 21CEL02

who carried out the PBL work under my supervision. Further that to the best of my knowledge the work reported here in does not form part of any other PBL work on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidates.

HEAD OF THE DEPARTMENT DEPARTMENT OF CIVIL ENGINEERING

NANDHA ENGINEERING COLLEGE ERODE - 638 052

ASSISTANT PROFESSOR DEPARTMENT OF CIVIL ENGINEERING NANDHA ENGINEERING COLLEGE ERODE - 638 052

Submitted for the PBL Viva-Voce examination held on 15/05/2028

Sample PBL Report





Sample PBL Projects

5. Teaching through Industrial Practices.

Industry Persons are used to assess the students project during 7^{th} and 8^{th} Semester Design Project and Project Work in the curriculum at 7^{th} and 8^{th} semesters.

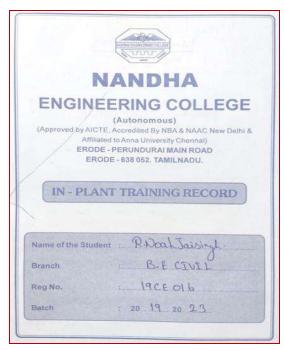


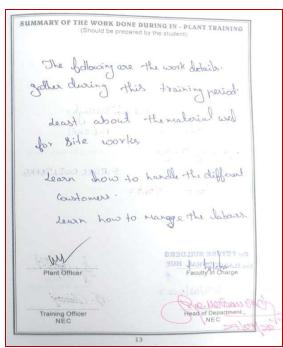


Project review by Industry Expert

6. In-plant training

Students are asked to undergo in-plant training in the semester holidays, through which they will get to know about the field exposure and knowledge of using the analysis software and drawing tools that are used in those industries. They will experience the industry environment and get some adequate knowledge about the activities and team work involved in the industry. Each student can have an IPT booklet. They have to update their IPT details undergone in that booklet.





Sample IPT Record

Project Based Learning (PBL)

Students are assigned to do a project, typically aimed at developing knowledge across several core subject areas (for e.g., mass transfer, heat transfer, reactor design, materials science and process dynamics control), and work in teams, under a faculty guide's supervision. The specific structure of the course promotes independent, yet supervised learning, and leadership as well as team work, in solving a problem. The flexibility in learning modes. The flexibility in learning modes as well as in assessment, provides a strongly encouraging and motivating environment, while yet ensuring academic rigor.

Project Based Learning is a teaching method in which students' gains knowledge and skills by doing project as part of their course. This method of teaching inculcates planning, critical

thinking, reasoning and creativity. Experience gained during the PBL gives students a sense of accomplishment and further instills responsibility towards learning.

Sample Project : SMART PLANT MONITORING SYSTEM

Project Students: PABINESH P (20CH017)
PAVITHR A R (20CH018)
PRAKADESH U (20CH019)



Smart plant monitoring system

Sample Project $\,:$ THE TOUCH LESS DOOR BELL USING IR SENSOR

Project Student: KENNEDY DIWAKAR J (20CHL15)

MURALHIDHARAN A (20CHL16)

PALANIAPPAN K (20CHL17)



The touch less door bell using IR sensor

	17AGC18 DESIGN O	F MICR	O IRRIGATION SYSTEM
			L T P C
			2 2 0 3
PRERE	QUISITE: 17AGC14	QUES	TION PATTERN: TYPE – III
COURS	SE OBJECTIVES AND OUTCOMES:		
Course	Objectives	Cours	e Outcomes: The Students will be able to
1.0	To learn the various water lifting devices	1.1	Categorize the different types of pumps and water lifting devices
2.0	To understand the types of valves	2.1	Differentiate, select and maintain pump valves
3.0	Gain knowledge on traditional and micro irrigation methods and advantages	3.1	Imply modern irrigation concepts
4.0	Acquire knowledge on components, design, operation and maintenance of drip irrigation system	4.1	Design drip irrigation system
5.0	Acquire knowledge on components, design, operation and maintenance of sprinkler irrigation system	5.1	Design sprinkler irrigation system

UNIT I - WATER LIFTS AND PUMPS

(6+6

Pump classification Variable displacement pumps—Centrifugal pump- Submersible pump- Vertical Turbine pumps mixed flow – Jet and Airlift pumps-Pump selection and installation- Pump troubles and Remedies.

UNIT II - PUMP VALVES

(6+6)

Types of valves- Pressure relief valve- Gate valve-Isolated valve- Non return valve- Butterfly valve-Solenoid valves- Automated control valve- selection, repair and maintenance.

UNIT III - MICRO IRRIGATION CONCEPT AND APPLICATIONS

(6+6)

Micro irrigation- Comparison between Traditional and Micro irrigation methods -Merits and demerits of micro-irrigation system, Types and components of micro irrigation system- Scope and potential problem of micro irrigation - Low cost Micro irrigation Technologies- Gravity fed micro irrigation -Care and maintenance of micro-irrigation System- Economics of micro-irrigation system automation in micro-irrigation-Surge and cablegation irrigation- Greenhouse irrigation system-hydroponics- aeroponics- soilless cultivation

UNIT IV - DRIP IRRIGATION DESIGN

(6+6

Drip irrigation - Components- Dripper- types and equations governing flow through drippers-Wetting pattern- Chemigation application- Pump capacity-Installation- Operation and maintenance of Drip irrigation system. - Design of surface and sub-surface drip irrigation.

UNIT V - SPRINKLER IRRIGATION DESIGN

(6+6)

Sprinkler irrigation- Components and accessories - Hydraulic design - Sprinkler selection and spacing-Capacity of sprinkler system - types - Sprinkler performance- Sprinkler discharge- Raingun and POP irrigation. Water distribution pattern- Droplet size, filtering unit, fertigation - System maintenance.

TOTAL (L: 30+T:30) = 60 PERIODS

NANDHA ENGINEERING COLLEGE (Autonominus) - ERODE-52 DEPARTMENT OF AGRICULTURE ENGINEERING 17AGC18 - DESIGN OF MICRO IRRIGATION SYSTEMS ILE, AGRICULTURE ENGINEERING 111 YEAR AVI SEMESTER PROJECT HASED LEARNING (PBL)

S. No	Batch No	Name of the Students	Reg No	Title of the project	Guide Name
1.	-	Aravind G	20ACI002	Security and security	
2.	1	Magesh A	20AG022	Installation of Rain	A,Priyanka
3.		Meharaj R	20AG027	Gun	APIAgri
4,		Sharma E	20AG045		
5.		Gobinath M	20AG008		8
6.	2	Kavinesh R	20AG016	Electrically Powered Persian Wheel	A.Priyanka AP/Agri
7.		Nithish S	20AG033		
8.		Ravi Pravin P	20AG041	10	
9.		Indresh J.V	20AG011	Analysis of Drip Irrigation with Plastic Sheet Mulching	A.Priyanka AP/Agri
10.		Karthikeyan Y	20AG014		
11.	3	Kowtheesh S	20AG021		
12.		Adarsh D	20AGL01		
13.	34578414	Kavin S	20AG015		
14.		Manivasan K	20AG024	Survey on Drip Irrigation	A.Priyanka AP/Agri
15.	4	Sanjay M.P	20AGL05	- Ittigation	Mingi
16.		Mugil M	20AG043		-
17.		Jayapandi J	20AG013	Layout of drip	1 222 1/21
18.	. 5	Kavinnij R	20AG017	Irrigation	A.Priyenka AP/Agri
19.		Mukesh K	20AG029		175

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20.	-1111	Raja N	20AG040		
21.		Harish R	20AG009	1 70 1 31	
22.		Nilavarasan T	20AG031	Submersible Pump	A.Priyanka
23.	6	Dheeneshwaran K	20AGL02		AP/Agri
24.		Gunal K	20AGL03		
25.		Agalya S	20AG001		18324
26.	7	Dharani N	20AG005		
27.		Kavitha V	20AG018	Surface Drip Irrigation in banana	A.Priyanka AP/Agri
28.		Megala P	20AG026	1	
29.		Mounika K	20AGL04	The second	
30.		ShibiArasi M	20AG046		A.Priyanka AP/Agri
31.		Swetha N	20AG049	Overhead sprinkler irrigation system in Green House	
32.	8	Tharani M	20AG051		
33.		Yogiya S	20AG054		1. 1. 1.
34.		Fiza Tabassum A	20AG007		
35.	980	Manoranjini P	20AG025		A.Priyanka
36.	9	Nivashini S	20AG034	Vertical Farming	AP/Agri
37.		Vidhya Sree G	20AG053		1 4 4
38.		Krithika S	20AG020		-
39.		Malathi K	20AG023	E7 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	4
40.	10	Mythili J	20AG030	Green House with Drip Irrigation system	A.Priyanka AP/Agri
41.		Nishanthini S	20AG032	Imgation system	AllAga
42.		Preetha A R	20AG038		
43.		Deepika S	20AG003		
44.	11	Dharani S	20AG006	Estimation For Drip Irrigation	A.Priyanka AP/Agri

45.		Soniya Sree P	20AG047			
46.		Soniya V	20AG048	1012		
47.		Harsini M	20AG010			
48.	12	Indhu M	20AG012	Design and analysis of	A.Priyanka	
49.	12	Kiruba A	20AG019	Disc filter	AP/Agri	
50.		Swetha R	20AG050			
51.	7-7	Nouvshika E T	20AG035			
52.		Priyanka S	20AG039	Soilless culture - Hydroponics	A.Priyanka AP/Agri	
53.	13	Selin Princy A	20AG044			
54.		Varsnica B	20AG052			
55.		Dharani B	20AG004			
56.		Pavithra S	20AG036	Sprinkler irrigation	A.Priyanka	
57.	14	Pooja M	20AG037	system	AP/Agri	
58.		Rithika T	20AG042			

Project Guide

PBL Coordinator

HoD



DESIGN OF MICRO IRRIGATION SYSTEM



ESTIMATION OF DRIP IRRIGATION

A PROJECT-BASED LEARNING REPORT

Submitted by

DEEPIKA S (20AG003)

DHARANI S (20AG006)

SONIYA SREE P (20AG047)

SONIYA V (20AG048)

In partial fulfilment from the award of the degree

of

BACHELOR OF ENGINEERING

in

AGRICULTURE ENGINEERING

DEPARTMENT OF AGRICULTURE ENGINEERING

NANDHA ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University, Chennai)

ERODE – 638 052

JUNE -2023

NANDHA ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University, Chennai)

BONAFIDE CERTIFICATE

Certified that this Project-Based Learning (PBL) report on "ESTIMATION OF DRIP IRRIGATION" is the bonafide work of

DEEPIKA S

(20AG003)

DHARANIS

(20AG006)

SONIYA SREE P

(20AG047)

SONIYA V

(20AG048)

who undergone a PBL project under my supervision. Further to the best of my knowledge, the work reported herein does not form part of any other work based on which a degree or award was conferred on an earlier occasion on this or any other candidates.

Mr. K. Pradeep Kumar, M.E., (Ph.D.,)

Head of the Department Department of Agriculture

Engineering,

Nandha Engineering College,

Erode - 638052.

Ms. A. Priyanka, M.Sc.,(AGRI)

Project guide

Department of Agriculture

Engineering,

Nandha Engineering College,

Erode - 638052.

Submitted for the End Semester Project Based Learning review held on .. 25 : 05 : 2023

From

Mr.A.AMARNATH PRABHAKARAN.

Assistant Professor/BME.

Nandha Engineering College (Autonomous),

Erode.

To

The Principal,

Nandha Engineering College (Autonomous),

Erode.

Respected Sir,

Sub: Requesting permission to conduct Value added course-Reg

As per the Autonomous regulations, the Department of Biomedical Engineering have planned to conduct Value added course for II year BME students. The Value added course will be handled by the Prashan Medical Technologies, Coimbatore on the title "17BMI02 – "Medical Equipment & it's Calibration" on 12.11.2022 & 13.11.2022 at Block - 3 Human Physiology Lab. The assessment for the same is tentatively planned on 13.11.2022 (AN). So I kindly request you to give permission to conduct the course.

Oį,

(34 shidens) Thanking you,

Place:NEC

Date: 08.10.2022

HOD/BME

NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE -52 OFFICE OF CONTROLLER OF EXAMINATIONS

SUBJECT AND ELECTIVE SUBJECT STUDENT LIST (UG&PG) (ODD Semester 2022-23)

Namelist

Degree:

B.E

Branch/SEM: BIOMEDICAL

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Subject Type :

VALUE ADDED COURSE

Subject Code :

17BMI02

MEDICAL EQUIPMENT AND ITS Subject Title:

CALIBRATION

S. No.	Reg No.	Name	
1	21BM001	AAKASH R	
2	21BM002	ABISHEK T	
3	21BM003	AKALYA K	
4	21BM004	ARUL M ·	
5	21BM005	BHARATHI K	
6	21BM006	BHAVANAPRAVANTHIKA S	
7	21BM007	BHUVANESWARI M	
8	21BM008	BRIGHTON DANIEL R J	
9	21BM009	DEVAPRASATH M	
10	21BM010	DHANUSHMATHI S	
11	21BM011	DHARANEESH S	
12	21BM012	DHARANI K	
13	21BM013	DIVYA S	
14	21BM014	GAYATHRI P	
15	21BM015	HARIHARAN B	
16	21BM016	KOWSALYA K	
17	21BM017	MAHARAJA N	
18	21BM018	MANIKANDAN S	
19	21BM019	MOHAMED ABUBAKKAR SIDDIQ M	
20	21BM020	MOHAMED HUSSAIN S	
21	21BM021	POORANI S	
22	21BM022	RAMANIKA K	
23	21BM023	ROJA M	
24	21BM024	SANJAY KUMAR C	
25	21BM025	SANJAY KUMAR N	
26	21BM026	SANTHOSH N	
27	21BM027	SRIKANTH R	
28	21BM028	SUDALAIKUMAR P	
29	21BM029	SUGANYA R	
30	21BM030	SUSVINTH S	
31	21BM031	VISHNU R	
32	21BM032	WAHITHA BEGUM M	
33	21BM033	YASAR ALI A	
34	21BML01	SUREN S	



NANDHA ENGINEERING COLLEGE, (Autonomous)

DEPARTMENT OF BME

ACADEMIC YEAR(2022-2023) ODD SEM

VALUE ADDED COURSE SCHEDULE

S.No	Year/Sem	Course code	sa 555	Course Conduct date	Registered count	Exam date	Company Name& Contact Person
1	11/3	17BMI02	MEDICAL EQUIPMENT AND IT'S CALIBRATION	12.11.2022&13.11.2022	34	13.11.2022	Prashan Medical Technologies, Coimbatore & Boopathi Sakthivel - Biomedica Engineer

(A. Arra rath Problectacum)

HOD/BME

PRINCIPAL

B.E.BIOMEDICAL ENGINEERING

MEDICAL EQUIPMENTS TROUBLSEHOOTING & CALIBRATION

COURSE OUTCOME

On successful completion of the course, students will be able to Integrate on clinical and technical application of critical care products, anaesthesia.

PATIENT MONITORING SYSTEMS

(4Hours)

Application of ECG, SPO2, NIBP, IBP, Temp, Respiration, Cardiac Output, Etco2, BIS - Function if each modules used in the patient monitors - ECG methods & Lead wire systems - Different Arrhythmia – Cardiac output methods - Spo2 technology- Etco2(Main stream, side stream, Micro stream) measurement and types.

ICU VENTILATOR & ANESTHESIA WORKSTATION OVERVIEW

(3Hours)

Respiratory breathing System - Different Blocks of Ventilator - Modes of ventilation (Pressure & Volume) - Simulation demonstration on Ventilator on all modes - Purpose of ICU ventilator & Anesthesia workstation.

CRITICALCARE EQUIPMENTS TECHNICAL & APPLICATION

(3+2+2=7Hours)

SYRINGE & INFUSION PUMP: Different blocks - modes of syringe pump - bolus - purge-Volume, Time & Flow - Internal Parts of Syringe pump.

DIATHERMY: Basics blocks of Diathermy- Monopolar & Bi-polar modes - Internal blocks of Diathermy.

CPAP & BIPAP: Basic Blocks of CPAP & its purpose - Internal parts of CPAP.

ROLE OF BIOMEDICAL ENGINEERS IN CRITICAL CARE

(1Hour)

Know the technology- Easy Handling - Troubleshooting - Maintenance - Calibration - MIS.

(Total Hours: 15)

REFERENCES

- 1. Joseph J Carr. John M Brown, "Introduction to Biomedical Equipment Technology", Pearson Education, New Delhi, 2011.
- 2.Fred A MettlerJr, Milton J Guiberteau, "Essentials of Nuclear Medicine Imaging", Elsevier, 5th Edition, 2006
- 3.RüdigerKramme, Klaus-Peter Hoffmann, Robert S. Pozos (Eds.), "Handbook of Medical Technology". Springer, 2011



Prashan Medical Technologies

No: 19, Sri Nagar, Hopes College, Avinashi road, Peelamedu,

Coimbatore - 641004, Tamil Nadu, India.

Mobile: +91-8883774112

Mail: prashanmedtech@gmail.com Web: www.prashanmedtech.com

To

Ref No: QT/PMT/017/22-23

Date : 10.10.2022

.

The Head of Department

Nandha Engineering College

Erode

Subject: Quotation toward Value added course

Dear Sir.

Greetings from Prashan Medical Technologies!!!

Kindly find the below quotation

your re	ference.	Unit Price	No of unit	Price in INR
SR No	Product Description Value addedcourse on "Medical Equipment Calibration &	12,712	1	12,712
	Troubleshooting"			12,712
Sub T	Total			2288.16
GST	@18% (CGST9% + SGST9%)		¥	15,000
Total	(Rupees fifteen thousand only)			

TERMS & CONDITIONS:

1. Tax : GST @18% Extra Included

2. Validity: This offer is valid for I weeks from the date of contract.

We assure you our best services.

But

Boopathi Sakthivel Founder, CEO & Biomedical Engineer Prashan Medical Technologies Mobile: +91 8883774112



NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE -52 OFFICE OF CONTROLLER OF EXAMINATIONS SUBJECT AND ELECTIVE SUBJECT STUDENT LIST (UG&PG) (ODD Semester 2022-23)

ATTENDANCE SHEET

Degree:

B.E

Branch/SEM: BIOMEDICAL

Ш

Subject Type :

VALUE ADDED COURSE

Subject Code :		17BMI02 MEDICAL EQUIPMENT and ITS	DATE:03.12.2022	NAME:
ubject Title:		CALIBRATION Name	FN	AN
S. No.	Reg No.	AAKASH R	Agram.R	Acusash . R
1	21BM001			T. Abishik
2	21BM002	ABISHEK T	K. Vropin	1c. Alcalya
3	21BM003	AKALYA K	K.M.comp.	100 l 00
4	21BM004	ARUL M	MARUL	Home . To
	21BM005	BHARATHI K	K.	K/S
5	21BM006	BHAVANAPRAVANTHIKA S	8 Ferry	Spanges
6	21BM007	BHUVANESWARI M	M, Ollus	M. glut
7	21BM008	BRIGHTON DANIEL R J	Daniel	Danil
8	21BM009	DEVAPRASATH M	M. Derapuly	M. Duranut
9	21BM009	1 Set 42 (10 C 10 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A 2 A	. 0.	3DL #
10	21BM010	DHANUSHMATHI S	3.0	V 1
11	21BM011	DHARANEESH S	Q 1	D
12	21BM012	DHARANI K	K. Deed	K. Dhang
13	21BM013	DIVYA S	8. Doct	S. PA
14	21BM014	GAYATHRI P	Pilos	P. ans
15	21BM015	HARIHARAN B	of thou havan.	G. How have
16	21BM016	KOWSALYA K	Key	doi
17	21BM017	MAHARAJA N	Mhago. N	Maye No
18	21BM018	MANIKANDAN S	5.manikendan	5.mari kardan
19	21BM019	MOHAMED ABUBAKKAR SIDDIQ M	M'S	MS
20	21BM020	MOHAMED HUSSAIN S	8. richamed	S-Nohamid Heusain
21	21BM021	POORANI S	8-boorag	5-poorani
22	21BM022	RAMANIKA K	Ruf	Cer

	T			
23	21BM023	ROJA M	fram	Lan
24	21BM024	SANJAY KUMAR C	c. Sulan	c. R. Jan
25	21BM025	SANJAY KUMAR N	Sunjugkenman	C. S. Jan N. Sanjayauma
26	21BM026	SANTHOSH N	AB	AB
27	21BM027	SRIKANTHR	← DPS continu	e4 ->
28	21BM028	SUDALAIKUMAR P	P- &1:	PAL
29	21BM029	SUGANYA R	R. Sugarya	R. sugarya.
30	21BM030	SUSVINTH S	e.l.	I.L.s
31	21BM031	VISHNU R	R Viohny	P. Wishny
32	21BM032	WAHITHA BEGUM M	whatthe Before	M. Waluthe Bap
33	21BM033	YASAR ALI A	1. yn sy	1. yr sy
34	21BML01	SURENDER C	← DPS conthu	4d ->

DATE: 03/4)42

INDUSTRY EXPERT

COMBATORE OF STATE STATE

NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE -52 OFFICE OF CONTROLLER OF EXAMINATIONS SUBJECT AND ELECTIVE SUBJECT STUDENT LIST (UG&PG) (ODD Semester 2022-23) ATTENDANCE SHEET

DATE:04.12.2022

2. POOrani

Degree:

B.E

Branch/SEM: BIOMEDICAL

III

Subject Type:

VALUE ADDED COURSE

Subject Code:

17BMI02

CALIBRATION

Subject Title:

20

21

22

21BM021

21BM022

POORANI S

RAMANIKA K

MEDICAL EQUIPMENT and ITS

AN FN Name Reg No. S. No. Awash. R 21BM001 AAKASH R Awalh. R 1 ABISHEK T T. ALGERY 21BM002 k. Alkalya k. Akalya AKALYA K 21BM003 3 April. M 21BM004 ARUL M 4 K. Bhamthi BHARATHI K 21BM005 5 BHAVANAPRAVANTHIKA S 21BM006 6 BHUVANESWARI M 21BM007 7 21BM008 **BRIGHTON DANIEL R J** 8 M. Derapuch DEVAPRASATH M 21BM009 9 21BM010 DHANUSHMATHI S 10 DHARANEESH S 21BM011 11 DHARANI K 21BM012 12 DIVYA S 21BM013 13 GAYATHRI P 21BM014 14 harran. u woodn. 21BM015 HARIHARAN B 15 KOWSALYA K 21BM016 16 21BM017 MAHARAJA N 17 MANIKANDAN S 21BM018 18 21BM019 MOHAMED ABUBAKKAR SIDDIQ M 19 S. Alchance 21BM020 MOHAMED HUSSAIN S

23	21BM023	ROJA M	Rya.m	Luga. m.
24	21BM024	SANJAY KUMAR C	C. Sarta	2.8-k1
25	21BM025	SANJAY KUMAR N	As	AB.
26	21BM026	SANTHOSH N	As	AB
27	21BM027	SRIKANTH R	+ Discontinue	4 ->
28	21BM028	SUDALAIKUMAR P	p. & 4.	P. 28 f
29	21BM029	SUGANYA R	R.Sugarya	R. sugary
30	21BM030	SUSVINTH S	s.L.	Shoke
31	21BM031	VISHNU R	R. Vishnu.	P. Vishnu.
32	21BM032	WAHITHA BEGUM M	M. Wanthu Begun	By
33	21BM033	YASAR ALI A	1. yn sy	1. yr sy
34	21BML01	SURENDER C	← Dis conti	rued ->

DATE: O4 14 2.

INDUSTRY EXPERT



NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE -52 OFFICE OF CONTROLLER OF EXAMINATIONS SUBJECT AND ELECTIVE SUBJECT STUDENT LIST (UGAPG) (ODD Semester 2022-23) EXAM ATTENDANCE SHEET

Degree:

B.E

Branch/SEM: BIOMEDICAL

111

Subject Type:

VALUE ADDED COURSE

Subject Code :

17BMI02

Subject Title:

MEDICAL EQUIPMENT and ITS CALIBRATION

No.	Reg No.	Name	SIGNATURE
1	21BM001	AAKASH R	Auxar . R
2	21BM002	ABISHEK T	T. Abishik
3	21BM003	AKALYA K	K. Akalya
4	21BM004	ARUL M	m Arel.
5	21BM005	BHARATHI K	K.Po
6	21BM006	BHAVANAPRAVANTHIKA S	Sharps
7	21BM007	BHUVANESWARI M	M. Ochof
8	21BM008	BRIGHTON DANIEL R J	Danel
9	21BM009	DEVAPRASATH M	M. Derapuly
10	21BM010	DHANUSHMATHI S	3 DLZ
11	21BM011	DHARANEESH S	dif
12	21BM012	DHARANI K	K. Dr. M
13	21BM013	DIVYA S	S. And.
14	21BM014	GAYATHRI P	Person
15	21BM015	HARIHARAN B	T. Hari haran.
16	21BM016	KOWSALYA K	doù
17	21BM017	MAHARAJA N	Manga. No
18	21BM018	MANIKANDAN S	5. Marilandan
19	21BM019	MOHAMED ABUBAKKAR SIDDIQ M	M
20	21BM020	MOHAMED HUSSAIN S	8. Mohamedussain.
21	21BM021	POORANI S	8. poorani
22	21BM022	RAMANIKA K	Park
23	21BM023	ROJA M	lya.m.
24	21BM024	SANJAY KUMAR C	c. Sulcy

25	21BM025	SANJAY KUMAR N	AB
26	21BM026	SANTHOSH N	AB
27	21BM027	SRIKANTH R	AB
28	21BM028	SUDALAIKUMAR P	P. O. J.
29	21BM029	SUGANYA R	R. Sugariya.
30	21BM030	SUSVINTH S	8 9 D .
31	21BM031	VISHNU R	R. Viohne
32	21BM032	WAHITHA BEGUM M	W. In Intithe Beh
33	21BM033	YASAR ALI A	M. Wantha Before
34	21BML01	SURENDER C	AB.

DATE: C

04/12/22 - (AN)

INDUSTRY EXPERT

COMBATORE STATE



NANDHA ENGINRRING COLLEGE (AUTONOMOUS), ERODE -52 OFFICE OF CONTROLLER OF EXAMINATIONS

JBJECT AND ELECTIVE SUBJECT STUDENT LIST (UG&PG) (ODD Semester 2022-23)

Degree: BE/B.Tech/M.E/MCA/MBA Namelist - Mark Sheet

DATE: 04/12/2022

Branch		BIOMEDICAL ENGINEERING				
Elective Sub		VALUE ADDED COURSE				
Elective Sub		17BMI02	TION			
Elective Sub	Reg. No	MEDICAL EQUIPMENT AND ITS CALIBRAT	MARKS (50)	MARKS IN WORDS		
ı	21BM001	AAKASH R	27	TWO SEVEN.		
	21BM002	ABISHEK T	43	FOUR THREE		
3	21BM003	AKALYA K	38	THREE EIGHT		
4	21BM004	ARUL M	36	THREE SIX		
. 5	21BM005	BHARATHI K	35	THREE FIVE		
6	21BM006	BHAVANAPRAVANTHIKA S	39	THREE NINE		
7	21BM007	BHUVANESWARI M	42	FOUR TWO		
8	21BM008	BRIGHTON DANIEL R J	42	FOUR TWO		
9	21BM009	DEVAPRASATH M	46	FOUR SIX		
10	21BM010	DHANUSHMATHI S	35	THAGE FIVE		
11	21BM011	DHARANEESH S	35	THREE FIVE		
12	21BM012	DHARANI K	39	THREE MINE		
13	21BM013	DIVYA S	39	THREE NINE		
14	21BM014	GAYATHRI P	39	THREE NINE		
15	21BM015	HARIHARAN B	37	THREE SEVEN		
16	21BM016	KOWSALYA K	45	FOUR FIVE		
17	21BM017	MAHARAJA N	36	THREE SIX		
18	21BM018	MANIKANDAN S	40	FOUR ZERO		
19	21BM019	MOHAMED ABUBAKKAR SIDDIQ M	4~2	FOUR TWO		
20	21BM020	MOHAMED HUSSAIN S	39	THREE NINE		
21	21BM021	POORANI S	37.	THREE SEVEN		
22	21BM022	RAMANIKA K	43	FOUR THREE		
23	21BM023	ROJA M	35	THREE FIVE		
24	21BM024	SANJAY KUMAR C	37	THREE SEVEN		
25	21BM025	SANJAY KUMAR N	AB	-		
26	21BM026	SANTHOSH N	AB	-		

1	21BM027	SRIKANTH R	AB	
8	21BM028	SUDALAIKUMAR P	39	THREE NINE
9	21BM029	SUGANYA R	42	FOUR TWO
0	21BM030	SUSVINTH S	36	THREE SIX
1	21BM031	VISHNU R	46	FOUR SIX
2	21BM032	WAHITHA BEGUM M	41	FOUR ONE
3	21BM033	YASAR ALI A	40	FOUR ZERO
4	21BML01	SURENDER C	AB	





OBJECTIVE TEST

VALUE ADDED COURSE ON BIOMEDICAL EQUIPMENTS AND ITS CALLIBRAT, ON

	On an average, a person can live without oxygen.	for host to rey counter.				
	1) 3minutes	2) Amenutas				
	3) Sminutes	4) Emmutes				
2	What is CPR?					
	1) Cardia output	cardio pulmonary resuscitation				
	3) Cardia activity	4) cardiac conductio,				
3	Fuel for our body is?					
	1) Oxygen	2) Gluçose				
	3) Oxygen & Glucose	4) None of the above				
4	How does every single cell in your body receives t	his fuel?				
	1) Respiratory System	2) Nervous system				
	3) circulatory system	4) All the above				
5	How many valves heart have,.?					
	1) 2 Valves	2) 3 Valves				
	3) 4 Valves	4) 5 Valves				
6	How many valves heart bave,.?					
	1) 2 Valves	2) 3 Valves				
	3) 4 Yalves	4) 5 Valves				
7	Oxygenated blood can be carried by?					
	1) Veins	2) Arteries				
	3) None of the above	4) All the above				
8	Name the valve which is there between right atrium and right ventricle?					
	1) Tricuspid valve	2) Bicuspid valve				
	3) BrimoustA halie	4) Aartic valve				
9	ECG Stands for?					
	1) Electrocardiogram	2) Electro cardiac output				
	3) Electromyograph	4) None of the above				
10	Why do we require ECG?					
	1) Suspected heart attack	2) Pulmonary embolism				
	3) Fainting and collapse	4) All the above				
11	The event of cardiac conduction system is?					
	1) PQBST complex	2) QRS				
	2) PB segment	4) ST segmenent				
12	The heart rate more than 100bpm is called?					
	1) Arrythmia	2) Bradycardia				
	3) Tachycardia	4) Normal sinus rhythm				
	622 AMBRIDISTON 65530	of marriage annea mythin				



13	The termagen of GRA complex due to forewise astivity.	
	1) Athat depositation	2) Ventagular depolaris e an
	3) Vantucular repularisation	4) None of the above
14	How many lead systems available in CG-2	
	1) Llead	2) 7Lead
	3) 1G(ead	4) All the above
15	Name some limb leads in the following?	
	1) (23) (2) aVL
	3) V1	4) aNR
16	What are the rules used to calculate heart rate. ?	
	1) 300 rule	2) 1500rule
	3) 10sec rule	4) All the above
17	The device used to check/identify cardiac arrest is?	
	1) CATH Leb	2) Patient monitor
	3) EES machine	4) Syringe Pump
18	High Stands for?	
	1) Hoars rate yariability	2) Heart respiration variability
	3) Heart response variability	4) All the above
19	The aurgose of using pacemkar is?	
	1) to control respiration rate	2) to monitor the cardiac conduction
	3) to help control abnormal heart rightms	4) so help clearing co2
20	What kind of electrodes used in internal defibrillater?	
	1) Catheter	2) Spoon electrede
	3) systlex electrods	4) paddle electrode
21	Which made of defibrillation consumes more surrept	1 1
	1) Biphasic	2) Monophasic
	a) Measphasic & Righasic	4) None of the above
22	Respiration rate can be measured by?	
	1) Counting breath per minute	2) ECG
	3) Capnography	4) All the above
23	what is the typical respiration rate.?	
	1) 5:10bpm	2) 7-10bpm
	2) 12-16bpm	4) 20-305pm
24	what is the normal blood pressure level(systolic/diast	olic).?
	1) 129/80 ramile	2) 80/120 mmHg
	1) 190/260 mmHg	4) 150/200 mmUg
25	169 Standa for?	
	1) intermittent blood pressure	2) Invassive blood pressure
	3) Incorrect blood pressure	4) immediate blood pressure





4.	IQE Startes for the	
	1) histophism blood pressure	at his mater bound in a first
	2) Incorrect blood pressure	4) meandate his star ware
27	Paragon of Special to check 13	
	1) Gay gan per contage in blood	Started the start of the start
	3) Heart rate	4) Respiration rule
28	Which light absorbs exygenated hemoglobin?	S 2
	1) Ged light	2) infrared light
	3) Laser light	4) Nong of the above
29	Volume of blood pumped by the heart (RV/LV) per	uni) tiine?
	1; Heart rate	5) Cárdiac outiju:
	3) Strake Voiume	4) Respiration (ate
30	Etco2 stands for?	
	1) End Tidal Co2	2) End time Co2
	3) Expected Tidal Co2	4) None of the above
31	Etco2 stands for?	2) End time Co2
	1) End Tidal Co2	4) None of the above
	3) Expected Tidal Co2	4) None of the above
32	What kind of motor used in syringe pump and infusi	on pump? 2) AC mater
	1) Serve motor	4) Stepper motor
	3) DC motor	a) trebber mere.
33	KVO Stands for?	2) Keep Vein Open
	1) Keep Vector Open	4) None of the above
	3) Keep Vein Oscilate	
34	What kind of battery used in syringe pump	2) Lithium Ign
	1) Lead Acid	4) None of the above
	3) Ni-Cd	
35	Flow rate can be set in syringe and infsulon pump as 1) mumin	? 2) ml/sec
	3) ml/br	4) None of the above
36	Purpose of purge in syringe pump is used for?	4
	1) to remove air bubbles	2) to warm the infusion
	3) to increase the flow	4) None of the above
37	Sudden payse in the breathing is called?	
	1) Agnea	2) respiration pause
	3) pAboxwis	4) Aņemia
38	CBAP stands for?	
	1) Continuous Positive Airway Pressure	2) Contact Positive Airway Pressure
	3) Chronic Positive Airway Problem	4) None of the above



39	un con stands for?	
32	1/ Signicutional Allway pressure	2) Daire, tional Positive arway proble
	s) Injeyel Positive Anway Prossure	4) All the above
4.0	What is the maximum springe size can be used in syr	inge pump = ?
	1) Scient	2) 100ml
	3) 1500pl	4) 202ml
	pelibrillator can be used in?	
41	1) Ambulance	2) ICU
	3) Operation theatre	4) Ali the above
	a) open, we get a	
42	ONYERG signes for?	
10.5	1) Oxygardio Besgirogram	(2) Oxycardiac resurtance
	3) Gegrational cardiac respiration	a) None of the above
	Committee in the CRABICS DARIES OF	
43	Purpose of humidifier in the CRAR/Gi-RAP is to?	2) To increase the flow
	To maintain/regulate the humidity To reduce the flow	4) To reduce the pressure
	5) In tegring the line	., , , , , , , , , , , , , , , , , , ,
44	What kind of mechanism used in Infusion pump?	
	1) Bistom purpp	2) Linear actuating
	3) Eurvilinear Peristaltic	4) None of the above
45	Amount of blood symped out by heart each beat is o	alled?
42	1) Stroke volume	2) Cardiac output
	S) Esce2	4) Respiration
	+1 =seb=	
46	Types of Etco2?	and the second
	1) Main Aireapi	2) Side Stream
	3) Microstraem	4) All the above
47	What parameter indicates the amount oxygen level in	brain
	1) Intragranial Pressure	2) intracardias pressure
	3) Afrial Pressure	4) Bl-Spectral lades
	their and in control defined as to 5	
48	Unit used in suspical defibrillator is?	2) Resistance
	1) joyles	4) All the above
	3) Wetts	at wil file appar
49	What is myocardial infarction?	
	1) serdige ettest	2) Heart attack
	a) Bleskage on the eoconary actory	4) All the above
50	What is the purpose of calibration?	
25076	1) To check accuracy & performance of the dayice	2) To service
	3) To sell the device	4) None of the above
	The state of the s	



www.linkedin.com/in/boopathisakthivel-668a5469 (LinkedIn) **Top Skills Biomedical Research &** Development **Biomedical Device Design Biomedical Engineering** Languages Tamil (Native or Bilingual) English (Professional Working) Kannada (Elementary) Certifications Natus Sales & Product Training with theory and practice on using Natus Hearing & Balance assesment, Fitting & Verification solution Honors-Awards Best Service-MES 2019 **Publications** SIMULATION AND PERFORMANCE ANALYSIS OF NANOWIRE WITH DIFFERENT MANTS

Boopathi Sakthivel

Founder, CEO & Biomedical Engineer at Prashan Medical Technologies

Summary

Experienced Technical Support Engineer with a demonstrated history of working in the hospital & health care industry. Skilled in Technical Support, Biomedical Devices, PSoC, Keil, and Biomedical Device Design. Strong information technology professional with a Bachelor of Engineering (B.Eng.) focused in Biomedical/Medical Engineering from PSG College of Technology.

Experience

Prashan Medical Technologies
Founder, CEO & Biomedical Engineer
July 2020 - Present (2 years 1 month)

Medial Equipment Sales | Service | Calibration & Testing | Training Authorised Service Partner for Schiller India

NMC Trading LLC Technical Specialist January 2019 - December 2020 (2 years)

- Providing excellent Customer & Technical support to UAE customers for the products of Schiller, Stephan, Terumo, Welchyallyn, Healthometer, Dantsky Ganshorn, etc
- Providing excellent support to end user on installation, Preventive maintenance & service calls
- 3. Handing connectivity parts for Schiller products
- Providing training to the end users & Engineers on the products which we installed
- 5. Spare parts suggestion to be ordered
- Maintaining HIS/EMS connectivity of Cardiology products in Healthplus Diabetic Centre(Abu Dhabi) and Holistic Medical Centre(Abu Dhabi)
- 7. Excellent knowledge on Primary care and Critical care products
- Comprehensive knowledge of problem solving

Schiller India
4 years 2 months

Senior Technical Support Engineer December 2015 - January 2019 (3 years 2 months)

- 1. Technical support to the engineers and customers of India and overseas
- 2. Technical training provided to Schiller engineers and Schiller Dealers
- 3. Technical support provided to end users and engineers for the products like patient monitors, Infusion pump, syringe pump, fetal monitors, diathermy, suction machine, central nursing station, defibrillator, ECG machines.
 Ventilator, Spirometer, Radiology
- 4. Components level repair activity for defective board
- 5. Presentation preparation for the products which are handled
- 6. Online support provided to overseas engineers and end users
- 7. Coordinated with the suppliers like Biolight(China), JYM(Daiwan), Yuwell. SAP, Biometric Cables(Chennai), Lub Dub Medicals(Chennai)
- 8. Stock allocation for all Schiller branches in India and Overseas
- 9. Physics stock verification
- 10. Ensured comprehensive knowledge to the engineers and dealers
- 11. Organized training for Engineers and End user
- 12. Part number creation for Device, PCB's, Spares and Consumables
- 13. Price list preparation based on import and export details
- 14. Excellent skills on MS office for MIS documentations
- 15. Supported for Repair Report software implementation for Schiller Service team
- 15. Failure Analysis & Escalation to principle supplier to take preventive action
- 16. Local development of PCB's and Consumables
- 17. Demonstration on Tenders and Big orders
- 18. Busted customer places for Critical calls

Technical Support Engineer
December 2014 - December 2015 (1 year 1 month)

ARIES BIOMED TECHNOLOGY PVT LTD

1 year 4 months

Product Development Engineer September 2013 - December 2014 (1 year 4 months)

- Medical Product Development, Biomedical Calibration and Service,
 Technical Support, Document Preparation, Biomedical Instrument
 Demonstration for Doctors & Biomedical Engineers in Hospital
- 2. Worked in Labview, Arduino and Embedded to develop products for end users
- 3. Developed Medical Socket tester to check the electrical socket outlet in hospitals to ensure the electrical safety and to avoid leakage current
- 4. Developed an Algorithm for Anesthesia ventilator for Avasarala Technologies
- 5. Developed ventilator breathing circuit test jig for Biometric Cables, Chennai
- 6. Developed Venturi test Jig product for Lakshmi Life Sciences, Coimbatore to measure output flow, oxygen & temperature
- Developed Electrical patient bed actuator current measurement test jig for Lakshmi Life Sciences, Coimbatore
- 8. Developed & prototype designed for Oxygen monitor and Oxygen conservation device
- 9. Prepared the Manuals and Presentation for all the products which I have developed
- 10. Schematic design & Hardware circuit testing
- 11. Medical equipments calibration conducted in Madurai Meenakshi mission hospital(Madurai)and KG Hospitals(Coimbatore)

Intern

September 2013 - December 2013 (4 months)

- 1. Schematic designs, hardware circuit assembling and testing
- 2. Developed Medical Socket tester to ensure hospitals Electrical safety

PSG INSTITUTE OF MEDICAL SCIENCES AND RESEARCH (Inst. Code - 446), COIMBATORE

Training

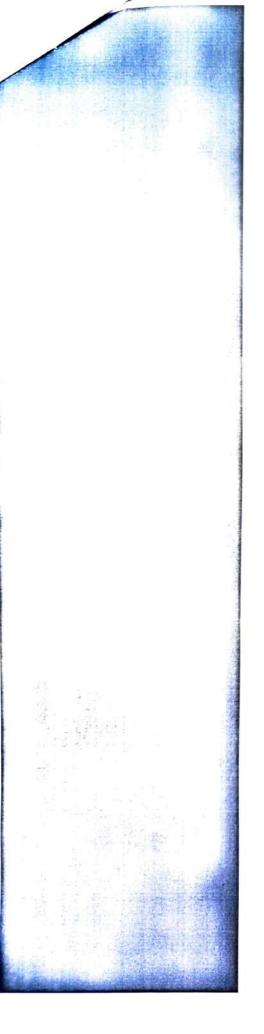
June 2011 - April 2013 (1 year 11 months)

Bharat Scans Pvt Ltd

Training

April 2012 - May 2012 (2 months)

Learnt all kind of radiology equipments like CT, X-Ray, MRI, PET scanner,
 SPECT scanner and it's imaging modalities



G.Kuppuswamy Naidu Memorial Hospital Training June 2011 - April 2012 (11 months)

It was an opportunity to learn all kind of medical equipments including
 Critical care, cardiology & Radiology

- 2. Application level training received from the hospital doctors and biomedical technician
- 3. Worked with the equipments like CT, MRI, Gamma Camera, Cobalt 60, Ventilator and UltraSound

Authentic Engineers Pvt.ltd Training April 2010 - May 2010 (2 months)

- Leary about electronics components, soldering, PCB designs for Stabilizers
- 2. Hands on experience in PCB soldering for all kind of through hole & SMT PCB's

Education

Chennal Tarr

PSG College of Technology Bachelor of Engineering (B.Eng.), Biomedical/Medical Engineering · (2011 - 2014)

P.A.Polytechnic College
Diploma, Diploma in Electronics and Communication
Engineering · (2008 - 2011)

Government High School, Devambadi Kalipalayam, Pollachi (1998 - 2008)

Chemical Process Analysis and Optimization using DWSIM

Total hours: 30 Hrs

UNIT I: Process Simulation and DWSIM

5 Hrs

Introduction to process simulation and DWSIM. Thermodynamic models and unit operations. Setting up data for model, compound selection, property package, selection of streams and understanding the properties of streams. Stream conditions, selection of unit operation, simulation and result analysis

Tutorials using DWSIM

25 Hrs

- 1. Creating a flow sheet
- 2. Calculating Bubble point and Dew point
- 3. Creating a binary phase envelope
- 4. Creating a Distillation column
- 5. Creating a Absorption column
- 6. Creating chemsep Distillation column
- 7. Creating a conversion reactor
- 8. Creating plug flow reactor
- 9. Styrene production
- Natural Gas plant Modeling

Lecture: 5, Practical: 25 Total: 30

Reference/ Manual/ Software:

- Treybal R. E., "Mass Transfer Operations", 3rd Edition. McGraw Hill Book Co., New York, 1981.
- 2 Levenspiel O., —Chemical Reaction Engineeringl, 4th Edition, Wiley India Pvt. Ltd., New Delhi, 2009.
- DWSIM open source software: https://dwsim.inforside.com.br/new/index.php/download/Link: https://dwsim.inforside.com.br/new/index.php/download/Runs on 32/64-bit Windows XP or newer, 64-bit Linux, macOS and Raspberry Pi 2 or newer.

Course Outcomes:

After completing the course, the student will be able to:

- understand the open-source software DWSIM.
- enables to manage the material streams and design a schematic representation of the entire mechanism with the help of object palette.
- describe the concepts of simulations using simulators.



NANDHA

ENGINEERING COLLEGE, Erode - 52. (Autonomous)





DEPARTMENT OF CHEMICAL ENGINEERING

ORGANISING COMMITTEE

Chief Patrons

Thiru. V. Shanmugan

Chairman, Sri Nandha Educational Trust

Thiru. S. Nandhakumar Pradeep

Secretary, Sri Nandha Educational Trust

Thiru. S. Thirumoorthi

Secretary, Sri Nandha Educational Institutions

Patrons

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Nandha Engineering College

Dr.J.Senthil, Director

Nandha Tech Campus

Convener

Dr. N. Subramanian

Associate Professor& Head,

Department of Chemical Engineering

Coordinator

Ms. S. Keerthika M. Tech,

Assistant Professor / Chemical Engineering

Department Association Office Bearers Secretary

Mr. Rajesh Kumar S IV - B. Tech. Chemical

Treasurer

Mr. Krishna Prasat M IV - B. Tech. Chemical

Joint Secretary

Ms. Subasini R III - B. Tech. Chemical

Joint Treasurer

Mr. Kennedy Diwakar III - B. Tech. Chemical

Executive Committee	Members
Mr. Saravanan A	IV - B.Tech. Chemical
Ms. Kanimozhi C	IV - B.Tech. Chemical
Mr. Yuvaraj.S	IV - B.Tech. Chemical
Mr. Arun Kumar T M	IV - B.Tech. Chemical
Mr. Prakadesh U	III - B.Tech. Chemical
Mr. Adrash S	III - B.Tech. Chemical
Ms. Bhavani M	II - B.Tech. Chemical
Mr. Ashok A	II - B. Tech. Chemical
Mr. Hakkiem S	II - B. Tech. Chemical
Mr. Balashanmugam K	II - B. Tech. Chemical

INVITATION

The Management, Principal, Faculty & Student members of

Chemical Engineering Department

Nandha Engineering College

IIChE-NEC Student Chapter

Organizes

VALUE ADDED COURSE

On

Chemical Process Analysis and Optimisation using DWSIM

Resource Person

Mr. K. Kamalahasan

Director

Fermion Energy & Engineering Solutions Pvt.Ltd Coimbatore

Date: NOV 19,20,26,27 - 2022

Time: 9:00 am to 5:00 pm

Venue: Chemical Engineering Computer Center

Co-Convenors

Mr. K. Rajasekaran AP / Chemical Mr. B. Vinoth Kumar AP / Chemical Ms. S. Keerthika AP / Chemical

Convenor

Dr. N. Subramanian HoD / Chemical

Director

Dr. J. Senthil Nandha tech Campus Principal

Dr. N. Rengarajan Nandha Engineering College

Marine (Marine) (Marine)

NANDHA ENGINEERING COLLEGE, ERODE - 52.

(Autonomous)

DEPARTMENT OF CHEMICAL ENGINEERING BATCH 2019-2023 (Academic Year 2022-23)

Value Added Course - Students Name List

Chemical Process Analysis and Optimization using DWSIM

S.NO	REGISTER NUMBER	is and Optimization using DWSIM NAME OF THE STUDENT
1	19CH001	AKASH T
2	19CH003	CHIRANJEVI ANISH P
3	19CH004	DEVALINGAM M
4	19CH005	DINESH M
5	19CH006	GOPINATH N
6	19CI-1007	GOWTHAM C
7	19CH008	GOWTHAMAN V
8	19CH009	HARIHARAN A
9	19CH010	HARIHARAN B
10	19CH011	HARIHARAN P
11	19CH013	JEEVA J
12	19CH015	KARTHIK S
13	19CH017	KRISHNAN S
14	19CH021	NAVEEN KUMAR K M
15	19CH022	NISHWIN SAJEEV
16	19CH023	PRAVEEN T
17	19CH024	RAGHURAMAN B
18	19CH025	RAJESH KUMAR S
19	19CH026	RANJITHKUMAR M
20	19CH027	SABARIRAJA V
21	19CH029	SOORYA S
22	19CH030	SRIHARAN M
23	19CH031	SUBASH P
24	19CH034	VIJAYA RAGAVAN A
25	19CH035	VIJAYANAND A
26	19CH037	WASIM AKRAM M
27	19CH038	YOKESH V
28	19CHL01	AKILESHWARAN A
29	19CHL09	RAJARAAJESHWARAN K
30	19CHL10	SANAKKIYA M
31	19CHL11	SANJAY R
32	19CHL12	SELVAPRAVIN D
33	19CHL13	SIVAPRAKASH C
34	19CHL14	SIVASUDARMANI T

35	19CHL15	VINOTHKUMAR S
36	19CHL17	ABHIJITH A
37	19CHL19	ANDROOSE A
38	19CHL20	BASIL SAJU
39	19CHL21	SIBICHANDRU P ,

HOD CHEMICAL



Vandha Engineering College (%

(An Autonomous Institution Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

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Department of Chemical Engineering Supported by



FERMION ENERGY 6
ENGINEERING SOLUTIONS



This is to certify that Dr./Prof./Mr./Ms./Mrs.

SOORYA S

Erode. 2022 at the Department of Chemical Engineering, Nandha Engineering College, Chemical Engineering & IIChE-NEC Students Chapter, held on 19,20,26,27 November Process Analysis and Optimization using DIVSIM organized by Department of of Nandha Engineering College completed an Value added Course on Chemical

Ms.S.Keerthika Coordinator

> Dr.N.Subramanian Tomm

Associate Professor & Head

Dr.N.Rengarajan Principal



NANDHA ENGINEERING COLLEGE

(Autonomous)

ERODE - 638 052. TAMIL NADU

DEPT. OF ARTFICIAL INTELLIGENCE AND DATA SCIENCE

Ph: 04294 - 225585, 223711 Fax No: 04294 - 224787

e-mail: info@nandhaengg.org Website: http://nandhaengg.org

 Thiru V. SHANMUGAN
 Thiru S. NANDHAKUMAR PRADEEP
 Thiru S. THIRUMOORTHI

 Chairman
 Secretary
 Secretary

 Sri Nandha Educational Trust
 Sri Nandha Educational Trust
 Nandha Educational Institutions

PATRON

Dr. N.RENGARAJAN **PRINCIPAL**

CEO

Dr.S.ARUMUGAM

DIRECTOR

DR. J. SENTHIL, PHD NANDHA TECH CAMPUS

CO-ORDINATORS MS.M. PARVATHI MS. SENTHAMARAI.M **INVITATION**

In Association with

Department of Artificial Intelligence and Data Science

VALUE ADDED COURSE ON

Tensorflow for Deep Learning

by

Mr. Karthick Narayanan, HTC Global Services, Chennai, Tamilnadu

Date: 08, 09 & 10 APRIL 2023 **Time:** 9.30 PM to 04.30 PM

Venue

Block 3 CC2 LAB

17AII02_CVAC01 TENSORFLOW FOR DEEP LEARNING				
	L	T	Р	С
	0	0	0	1

OBJECTIVES:

- Develop basic knowledge on data science
- Know the types of data science
- Create a tensorflow application for data science

COURSE OUTCOMES:

At the end of this course, the students will be able to

- know basic knowledge on data science
- create various types of data science methods
- work a tensorflow application for data science

UNIT I - Introduction to deep learning

(9)

Map of computer science - Overview of AI - Conventional Programming and Machine Learning - Traditional ML and Deep Learning - Application/ Use Cases of deep learning - Human brain and Neural Network - Curse of Dimensionality - Perceptron - Components of Perceptron - Implementation of Perceptron. Tensorflow and Neural Network, Convolution Neural Network, Transfer Learning, Transfer Learning

TOTAL (L: 30) = 30 PERIODS

TEXT BOOK:

GOOGLE DRIVE LINK: https://drive.google.com/file/d/1zqsSVoJ2QFIKqAH395jwkkmlPaEZR8R9/view? usp=drive link



NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE -52

Degree: B.Tech

Branch : Artificial Intelligence and Data Science

Semester: IV

Subject Code: 17AII02

Subject Title: Tensorflow for Deep Learning

C-VAC NAME LIST

G 3.7		C-VAC NAIVIE LIST	
S.No.	Reg.No	Name	Remarks
1	21AI001	BALAKRISHNAN V	
2	21AI002	BOOPATHI R	
3	21AI003	CHAHANA R	
4	21AI004	CHINMAYA SIVASHANMUGAM	
5	21AI006	DEVADHARSHINI M	
6	21AI007	DHANUSH P	
7	21AI008	DHARANIDHARAN A	
8	21AI009	DINESH B	
9	21AI010	DINESHKUMAR P	
10	21AI011	GOKULNATH V	
11	21AI012	GOWTHAM RAJ B	
12	21AI013	HARINI S	
13	21AI014	HARISH BABU R	
14	21AI015	HARISH RAGAVENDRA S	
15	21AI016	JAGADEESWARAN V P	
16	21AI017	JASSIM USMAN M	
17	21AI018	KATHIR R	
18	21AI020	KIRUBA SHANKAR K R	
19	21AI021	KISHORE RAJAN K	
20	21AI022	KOWSALYA V	
21	21AI024	MEGASHYAM S S	
22	21AI025	MOHAMED ASSAM A	
23	21AI027	MOHAMED ISAAQ S	
24	21AI028	MUTHURAM S K	
25	21AI029	NAKULAN T	
26	21AI031	NITHARSHAN E	
27	21AI032	NIVEDHANA S	
28	21AI033	POORNAVALLI P R	
29	21AI034	PRABHAKARAN E	
30	21AI035	PRADEEPA S	

31	21AI036	PRAVEENKUMAR S
32	21AI037	RAKESH S
33	21AI038	RAMYA B D
34	21AI039	RITHIK P
35	21AI040	SAKTHI SARAVANAN T
36	21AI041	SAKTHIVEL T
37	21AI042	SANDEEP S D
38	21AI043	SANDHIYA K
39	21AI044	SANJAY A
40	21AI045	SANJAY KANTH G
41	21AI046	SANTHIYA R
42	21AI047	SARAVANA KUMAR D
43	21AI048	SASTHA LAXMANAN S
44	21AI049	SHIVA SHRI SHABHARI S
45	21AI050	SHREENITHIN P
46	21AI051	SHRI KEERTHANA R
47	21AI052	SHYAM T R
48	21AI053	SRISANTHOSH K
49	21AI055	SUDHAKAR D
50	21AI057	VIKRAM U
51	21AI058	YOGESH M V
52	21AIL01	BHUVANESH K
53	21AIL02	DEEPARAJAKUMARAN N
54	21AIL04	KARTHIKEYAN K.A
55	21AIL05	KUMARAVEL J
56	21AIL07	RAHUL ASR
57	21AIL08	SATHISHKUMAR.S

ONE CREDIT
INCHARGE
Mr. Karthick Naranayanan.S
Machine Learning Engineer,HTC global Services,
Chennai



-OF APPRECIATION -

This certificate is presented to

Mrs.HARINI S

This certificate is given for the completion of C-VAC in the field of **Tensorflow for Deep Learning** conducted on 08.04.2023 to 10.04.2023.

SENTHAMARAI.M C-VAC INCHARGE

From

Mr.A.AMARNATH PRABHAKARAN,

Assistant Professor/BME,

Nandha Engineering College (Autonomous),

Erode.

To

The Principal,

Nandha Engineering College (Autonomous),

Erode.

Respected Sir,

Sub: Requesting permission to conduct Value added course-Reg

As per the Autonomous regulations, the Department of Biomedical Engineering have planned to conduct Value added course for III year BME students. The Value added course will be handled by the Prashan Medical Technologies, Coimbatore on the title "17BMI03 – Labview for Biomedical Applications" on 26.11.2022 & 27.11.2022 at Block -3 Human Physiology Lab. The assessment for the same is tentatively planned on 27.11.2022 (AN). So I kindly request you to give permission to conduct the course.

(53 SIndents) Thanking you,

Place:NEC

Date: 08.10.2022

HOD/RME



"LABVIEW GUI PROGRAMMING WITH REALTIME APPLICATION"

PURPOSE:

To integrate & educate students on GUI programming with the language LabVIEW.

INSTRUCTIONAL OBJECTIVES:

- ♣ To transmute Electronics/Electrical/Instrumentation & control Engineer to LabVIEW design Engineer (Fresher into Professional)
- To impart basic Logical thinking knowledge on LabVIEW for simulation & control
- To program, simulate & control for every product in R&D.

OVERVIEW & INTRODUCTION MODULE: (8 Hours)

- ♣ INTRODUCTION: Advantages of a Virtual Instrument LabVIEW Software Overview graphical user interfaces data types -data flow programming, editing, debugging and running a virtual instrument General functional description of a digital instrument block diagram of a virtual instrument physical quantities and analog interfaces hardware and software user interfaces advantages of virtual instrumentation over conventional instruments architecture of a virtual instrument and its relation to the operating system.
- ♣ G PROGRAMMING: Graphical programming palettes and tools front panel objects Functions and libraries Controls, Indicators, Labels and Text Shape size and colour owned and free labels Data type, format, precision and representation Software environment palettes data types and colour coding editing, debugging and running a vi data flow programming modular programming loops local and global variables.
- PROGRAMMING STRUCTURE: For loop, While loop, Case structure, Flat Sequence-Arrays and clusters - sequence structures - plotting data - Chart, Graph, XY Graph - making decisions in a vi - strings and File I/O - - TCP/IP - shared variables - data publishing - state machines.



♣ HARDWARE OVERVIEW: PC architecture: current trends - operating system requirement drivers - interface buses - myDAQ - ELVIS - Compact RIO Arduino Interface with LabVIEW - LIFA Interface

REAL-TIME APPLICATION MODULE: (10 Hours)

- ◆ DATA AQUISITION: Classification of signals analog and digital interfacing DAQ hardware and software configuring the hardware ADC, DAC, Digital I/O basic system components of a signal conditioning system.
- ♣ HARDWARE INTERFACE WITH LABVIEW: myDAQ Compact RIO NI ELVIS -Arduino UNO - LM35 - Relay - Buzzer - Servo Motor - Data Acquisition - Data Control -Real-time Application - Temperature measurement & control.
- ♣ APPLICATIONS: Biomedical Application: Temperature measurement Hand Dynamometer measurement Spirometer & Heart Sound measurement Gas pressure sensor measurement Pulse plethysmograph measurement Respiration monitoring Heart sounds microphone Ultrasonic sensor use of analysis tools: Fourier transforms power spectrum correlation methods windowing and filtering image acquisition and processing networking basics for office and industrial application VISA and IVI.

OUTCOME:

- · Ability to understand the basic working principle of LabVIEW software.
- Ability to comprehend the knowledge on the different instruments I/O for the appropriate application.

REFERENCE BOOKS:

- 1. Johnson G, Jennings R, "LabVIEW Graphical Programming", Tata McGraw Hill, New York, 2006.
- 2. Sanjay Gupta, Joseph John, "Virtual Instrumentation using LabVIEW", Tata McGraw Hill, New Delhi, 2010.
- 3. Kevin James, "PC Interfacing and Data Acquisition: Techniques for Measurement, Instrumentation and Control", Newnes, 2000.

NANDHA ENGINEERING COLLEGE

NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE -52 OFFICE OF CONTROLLER OF EXAMINATIONS SUBJECT AND ELECTIVE SUBJECT STUDENT LIST (UG&PG) (ODD Semester 2022-23) Namelist

Degree:

B.E

Branch/SEM: BIOMEDICAL

Subject Type :

VALUE ADDED COURSE

Subject Code:

17BMI03

Subject Title:

LABVIEW FOR BIOMEDICAL APPLICATIONS

S. No.	Dog No	LABVIEW FOR BIOMEDICAL APPLICATIO
al-co-consist	Reg No.	Name
2	20BM001	AALIYA THASLIM.F
3	20BM002	AATHI SRI.S.S
	20BM003	ABISHEK.M
4	20BM004	ABISHEK S
5	20BM005	BHARANI.M
6	20BM007	DHANUSH M
7	20BM009	GAYATHRI.N
8	20BM010	GIRIDHARAN.G
9	20BM011	HARIHARAN. R
10	20BM012	HARIHARASUDHAN.S
11	20BM013	20BM013
12	20BM015	JEEVANANTHAN, S
13	20BM016	KIRUTHIKA.S
14	20BM017	KOUSHIKA.V
15	20BM018	KUMARESAN S
16	20BM019	LOGESHWARAN.A
17	20BM020	MANJU.R.E
18	20BM021	MITHRA K
19	20BM022	MOHAMMED ASWATH.L
20	20BM023	MOHANKUMAR.M
21	20BM024	MOHANPRASATH, B
22	20BM025	MONISH.S
23	20BM026	MOWLEESWARAN.V
24	20BM027	MOWNITHTHA TM
25	20BM030	NIRANJANA.V
26	20BM031	NIROSHKUMAR.S
27	20BM032	PAVITHRA R
28	20BM033	PAVITHRA.S
29	20BM034	PRADEEP. S
30	20BM035	PRASANTH.M
31	20BM036	PRAVEEN KUMAR D
32	20BM037	RUBA.P
33	20BM038	SAKTHIVEL K

34	20BM039	SAKTHIVEL P	
35	20BM040	SANJAY. S	
36	20BM042	SARANYA S	
37	20BM043	SELVARAJ. R	
38	20BM044	SHANMUGAPRIYA.M	
39	20BM045	SHARMILA. K	
40	20BM046	SHEIKCHAN. M	
41	20BM047	SHIYAMALA.S	
42	20BM048	SOWMIYA.P	
43	20BM049	SRIHARINI.B	- 80.
44	20BM050	SRINITHI.A	
45	20BM051	SUBASHREE.M	
46	20BM052	V.SUGANYA.V	
47	20BM053	SUJAN.K	
48	20BM054	SURESHKUMAR.V	
49	20BM055	SWATHI.K	
50	20BM056	SWETHA K	
51	20BM057	VASANTH M	
52	20BML01	THARANI G	
53	20BML02	VILLIAM DAVID.R	

(A. Arramath Prablickaran)

Hor olish



Prashan Medical Technologies

No. 19, Sri Nagar, Hopes College, Avinashi road, Peelamed

Coimbatore 641004, Tamil Nadu, India.

Mobile: +91-8883774112

Mail: prashanmedtech@gmail.com Web: www.prashanmedtech.com

To

Ref No: QT/PMT/018/22-23

Date : 10.10.2022

The Head of Department

Nandha Engineering College

Erode

Subject: Quotation towards Value added course

Dear Sir,

Greetings from Prashan Medical Technologies!!!

Kindly find the below quotation

SR No	Product Description	HSN Code	Unit Price	No of unit	CGST @9%.	SGST @9%	Price in INR
	value added course on "LabVIEW for Biomedical Application"	999294	19,915.00	1	1,792.35	1,792.35	23,499.70
GST-					1,792.35	1,792.35	3,585
	(Rupees twenty-three thousand five h	ındred only)				23,500

TERMS & CONDITIONS:

1. Tax : GST @18% Extra Included

2. Validity: This offer is valid for Iweeks from the date of contract.

We assure you our best services.

Bux

Boopathi Sakthivel Founder, CEO & Biomedical Engineer Prashan Medical Technologies Mobile: +91 8883774112



Biomedical Equipment sales & service | Application & Technical Training | Laboratory Equipment Design



NANDHA ENGINEERING COLLEGE, (Autonomous)

DEPARTMENT OF BME

ACADEMIC YEAR(2022-2023) ODD SEM

VALUE ADDED COURSE SCHEDULE

S.No	Year/Sem	Course code	Course Name	Course Conduct date	Registered count	Exam date	Company Name& Contact Person
1	11/5	17BMI03	LABVIEW FOR BIOMEDICAL APPLICATIONS	26.11.2022 & 27.11.2022	53	27.11.2022	Prashan Medical Technologies, Coimbatore & Boopathi Sakthivel - Biomedical

(A Arramath Pratticuous)

From.

A. Amainata Prathakaian,

ApiBare,

One Gredit Course Incharge,

To

The Prencipal,
Nardha Engheuling Courge.

Respected SAr,

Sub: Reausting for Change of date - one conedit course - reg

Biomedical Engineering have pranned one Credit Course for II-BATE 8

III BATE. Due to non-availabluity of the industry Resource person
the proposed dates are Changed. The new dates for the Course
Conduct are III-BATE - LABVIEW FOR BIOMEDICAL Applications
will be on 12.11.2000 & 13.11.2000, and II-BATE - ATEDICAL
Equipment & Its Calibration Will be on abilinable & 27.11.2000
To the above intentioned new dates.

Thanking you.

MINISTRACE

Jour fasta fray

NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE -52 OFFICE OF CONTROLLER OF EXAMINATIONS

SUBJECT AND ELECTIVE SUBJECT STUDENT LIST (UG&PG) (ODD Semester 2022-23)

Namelist - Attendance Sheet

Degree:

B.E

Branch/SEM: BlOMEDICAL/V

Subject Type:

VALUE ADDED COURSE

Subject Code:

17BMI03

LABVIEW FOR BIOMEDICAL

Subject Title:

DATE:12.11.2022 **APPLICATIONS**

Subject	Title.	APPLICATIONS	DATE.12.11.2022	
S. No.	Reg No.	Name	FN	AN
1	20BM001	AALIYA THASLIM.F	donde	douat
	20BM:002	AATHI SRI.S.S	1. l. Lethise	l. l. l. l.
3	20BN:003	ABISHEK.M	Mall.	M.M.
-1	20BM004	ABISHEK S	S. Abithalist	s.Abla
·	20BM005	BHARANI.M	M. Bhomber	at Johnie.
- 	20BM007	DHANUSH M	M.D.64	M. D.A.
	20BM009	GAYATHRI.N	M. Crayetari	N. Gayatwi
8	20BM010	GIRIDHARAN.G	G. Citti	actu
9	206M311	HARIHARAN. R	AB	year.
10	20BM012	HARIHARASUDHAN.S	S. Harichan Swallon	s. Har bardudlar
11	208M013	HARIPRASANTH .	M. Waripsassey	M. Jon Haway
12	20BM015	JEEVANANTHAN. S	O Degaras than	(2) Ourwest.
13	20BM016	KIRUTHIKA.S	sty tux.	Lingthere
14	20BM017	KOUSHIKA.V	tombeter. Y	Frankita. 4
15	20BM018	KUMARESAN S	S. Hangur	S. Know
16	20BM019	LOGESHWARAN.A	A. Logeshannan	A logestwoner
17	20BM020	MANJU.R.E	MENTU. P.E.	N du li. P.E
18	20BM021	MITHRA K	Mittora. K	Mithoxa. K.
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20	20BM023	MOHANKUMAR.M	nehan in	weeken
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24	20BM027	MOWNITHTHA TM	Nownith tha TM.	Mow with the TM
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28	20BM033	PAVITHRA.S	9. Pavihra.	S. Pavilla
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34	20BM039	SAKTHIVEL P	P. Satthings.	P. Southird
35	20BM040	SANJAY S	OB. Obampay	8. Jemay
36	20BM042	SARANYA S	8. Saras	O Decor
37	20BM043	SELVARAJ. R	Dy R	Q R
38	20BM044	SHANMUGAPRIYA.M	M. Shanmyq opniya	M. Shanmugapmi
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52	20BML01	THARANI G	1	004
53	20BML02	VILLIAM DAVID.R	Q. Route	R tough

DATE: 12/11 22.

Industry Expert



NANDHA E!

RING COLLEGE (AUTONOMOUS), ERODE -52 OFFICE OF CONTROLLER OF EXAMINATIONS

SUBJECT AND ELECTIVE SUBJECT STUDENT LIST (UG&PG) (ODD Semester 2022-23)

Namelist - Attendance Sheet

Degree:

B.E

Branch/SEM: BIOMEDICAL/V

Subject Type ·

VALUE ADDED COURSE

Subject Code:

17BM103

LABVIEW FOR BIOMEDICAL

Subject Title:

DATE:13.11.2022 APPLICATIONS

		APPLICATIONS	DATE. 13.11.2022	
S. No.	Reg No.	Name	FN	AN
1	20BM001	AALIYA THASLIM F	prode.	Lower
2	203M002	AATHI SRI S S	L.S. Loly	S.S. Lethout
3	20BM003	ABISHEK.M	A A A A	M. Atall.
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5	20BM005	BHARANI.M	m. Drim:	M- But r
t)	20BM007	DHANUSH M	M.Dls.f.	M.Dyf.
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8	20BM010	GIRIDHARAN.G	GOT C.	G. atc.
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21	20BM024	MOHANPRASATH. B	B. Holy	B. Italy
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34	20BM039	SAKTHIVEL P	P. Oakthurd.	&. Bamparo
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42	20BM048	SOWMIYA.P	V. Compage	a Dip
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48	20BM054	SURESHKUMAR.V	Vi C mathin	K. Swathi.
49	20BM055	SWATHI.K	K. Swathi.	K. Sweeth.
50	20BM056	SWETHA K	K. Swet	V
51	20BM057	VASANTH M	V	05 I
52	20BML01	THARANI G	R. David	Q. Duels
53	20BML02	VILLIAM DAVID.R	K. Hoses	K. W.

Industry Expert



NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE -52 OFFICE OF CONTROLLER OF EXAMINATIONS

SUBJECT AND ELECTIVE SUBJECT STUDENT LIST (UG&PG) (ODD Semester 2022-23)

Namelist - Exam Attendance Sheet

Degree:

Branch/SEM: BIOMEDICAL/V

Subject Type:

VALUE ADDED COURSE

Subject Code:

17BMI03

LABVIEW FOR BIOMEDICAL

Subject Title:

APPLICATIONS

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S. No.	Reg No.	Name	FN
1	20BM001	AALIYA THASLIM.F	doubt
2	20BM002	AATHI SRI.S.S	S.S. Lothi QU
3	20BM003	ABISHEK.M	A Jawa
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5	20BM005	BHARANI.M	M. Bhasin
ń	20BM007	DHANUSH M	M. Dha.
7	20BM009	GAYATHRI.N	N.Grayathri
8	20BM010	GIRIDHARAN.G	G. Cath.
9	20BM011	HARIHARAN. R	Hang?
10	20BM012	HARIHARASUDHAN.S	9. Harahaina Sudhan
11	20BM013	HARIPRASANTH	Han Posseth.M
12	20BM015	JEEVANANTHAN. S	Sommanta
13	20BM016	KIRUTHIKA.S	short hum.
14	20BM017	KOUSHIKA.V	V. Kowlekse.
15	20BM018	KUMARESAN S	5. Hummy
16	20B⋈019	LOGESHWARAN.A	A logeshwaran
17	20BM020	MANJU.R E	Martin R.E.
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19	20BM022	MOHAMMED ASWATH.L	L. Mohamed ideally
20	20BM023	MOHANKUMAR.M	Me freshow
21	20BM024	MOHANPRASATH. B	B. Mohy
22	20BM025	MONISH.S	5.1
23	20BM026	MOWLEESWARAN.V	V. Mes

14	20BM027	MOWNITHTHA TM	Mouriththa TM.
5	20BM030	NIRANJANA.V	Orranjanal
6	20BM031	NIROSHKUMAR.S	9. Nooshkuraet
27	20BM032	PAVITHRA R	R. Parl thra
28	20BM033	PAVITHRA.S	of borbet.
29	20BM034	PRADEEP. S	S. Dradego.
30	20BM035	PRASANTH.M	peabooth an.
31	20BM036	PRAVEEN KUMAR.D	7 D. Py
32	20BM037	RUBA.P	P.RJ
33	20BM038	SAKTHIVEL K	k.Sakthive
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3.5	20BM040	SANJAY. S	8.8am/ay
36	20BM042	SARANYA S	of saranga
37	20BM043	SELVARAJ. R	Selve 4.
38	20BM044	SHANMUGAPRIYA.M	M. Shanmugapniya
39	20BM045	SHARMILA. K	K.Shuh-010
40	20BM046	SHEIKCHAN. M	8 y
41	20BM047	SHIYAMALA.S	shing and s
42	20BM048	SOWMIYA.P	P. dottus
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44	20BM050	SRINITHI.A	
45	20BM051	SUBASHREE.M	Buparhue . M.
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47	20BM053	SUJAN.K	k.Suft
48	20BM054	SURESHKUMAR.V	Very
49	20BM055	SWATHI.K	K.Suathi
50	20BM056	SWETHA K	K. Smoth.
51	20BM057	VASANTH M	13.4.
	20BML01	THARANI G	0
53	20BML02	VILLIAM DAVID.R	P. David

DATE: 13/11/22 - AN (Exaur)

Industry Expert



Register N	No.:	
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NANDHA ENGINEERING COLLEGE(AUTONOMOUS),

ERODE -52

Dept.:

BME

Course Code & Title		17BMI03	LABVIEW FOR BIOMEDICAL	APPLICATIONS
Year		Ш	Semester : 05	Date : 13.11.2022 - AN
Assessment	:	1	Duration : 1 hour 30 minutes	Maximum Marks : 50

Q.No	Section - A (10 x 1 = 10 Marks) Answer All Questions
1	What is the full form of LabVIEW? (a) Laboratory Visual Instrumentation Engineering Workbench (b) Laboratory Video Instrumentation Engineering Workbench (c) Laboratory Virtual Instrumentation Engineering Work Platform (d) Laboratory Virtual Instrumentation Engineering Workbench
2	LabVIEW can be used for (a) Circuit Design and Simulation (b) Signal and Image processing (c) Embedded System (d) All the above
3	What kind of language, the LabVIEW is using? (a) C/C++ (b) Python (c) G (d) None of the above
4	All mathematical features can be found in
5	Identify the type of programming structure shown below. Operation Input A Input 5 Input 5



	(a) FOR loop (b) WHILE loop (c) CASE STRUCTURE (d) None of the above
6	What kind of filter type can measurement? (a) Low Pass Filter (b) High Pass Filter (c) Smoothing Filter (d) None of the above
7	How many analog inputs can be connected through Arduino to LabVIEW? (a) 5 (b) 6 (c) 7 (d) 8
8	Which structure is frequently used for real time data acquisition? (a) Case structure (b) Timed structure (c) For loop (d) While loop
9	Output of LM35 temperature sensor will be in (a) Analog (b) Digital (c) Discrete (d) Finite
10	The fluctuation or sudden variation in the output signal can be controlled by using (a) Filtering (b) Mean (c) Standard Deviation (d) Amplification





Q.No.	Section - B (5 x 2 = 10 Marks) Answer All Questions			
11	What are the advantages of LabVIEW?			
12	What is the difference between constant, control and indicator?			
13	How to acquire real time data without using DAQ card?			
14	What are the steps involved in configuring the hardware like myDAQ or arduino?			
15	How to convert LM35 temperature data into celsius?			

Q.No.	Section - C (3 x 10 = 30 Marks) Answer All Questions
16	Elucidate the flow of temperature monitoring system.
17	Outline the steps involved to convert the program in LabVIEW VI's to application.exe
18	Build the flowchart of acquisition and processing in real time interface using biosignal acquisition kit.





NANDHA ENGINRRING COLLEGE (AUTONOMOUS).ERODE -52 OFFICE OF CONTROLLER OF EXAMINATIONS

BJECT AND ELECTIVE SUBJECT STUDENT LIST (UG&PG) (ODD Semester 2022-23)

Degree: BE/B.Tech/M.E/MCA/MBA Namelist - Mark Sheet

DATE: 13/11/2022

Branch		BIOMEDICAL ENGINEERING		
Elective Subject Type Elective Subject Code Elective Subject Title		VALUE ADDED COURSE		
		17BMI03		
r tective Sub	ject Title	LABVIEW FOR BIOMEDICAL APPLIC	ATIONS	
S.No	Reg. No	Student Name	MARKS (50)	MARKS IN WORDS
1	20BM001	AALIYA THASLIM.F	₹8	TWO EIGHT
2	20BM002	AATHI SRI.S.S	32	THREE TWO
3	20BM003	ABISHEK M	34	THREE YOUR
4	20BM004	ABISHEK S	39	THREE NINE
5	20BM005	BHARANI.M	31	THREE ONE
6	20BM007	DHANUSH M	38	THREE EIGHT
-	20BM009	GAYATHRI.N .	27	TWO SEVEN
8	20BM010	GIRIDHARAN.G	48	TWO EIGHT
4	20BM011	HARIHARAN. R	39	THREE NINE
10	20BM012	HARIHARASUDHAN.S	27	The Seven
11	20BM013	HARIPRASANTH	<i>ચ</i> ક	Two Six
12	20BM015	JEEVANANTHAN. S	37	TAREE SEVEN
13	20BM016	KIRUTHIKA.S	30	THREE ZERO
14	20BM017	KOUSHIKA.V	44	FOUR FOUR
15	20BM018	KUMARESAN S	45	FOUR TIVE
16	20BM019	LOGESHWARAN.A	40	FOUR ZERO
17	20BM020	MANJU R.E	4-2	FOUR TWO
18	20BM021	MITHRA K	40	FOUR ZERO
19	20BM022	MOHAMMED ASWATH.L	41	FOUR ONE
20	20BM023	MOHANKUMAR M	42	FOUR TWO
21	20BM024	MOHANPRASATH. B	40	FOUR ZERO
22	20BM025	MONISH.S	39	THREE NINE
23	20BM026	MOWLEESWARAN.V	<i>ब</i> स्व	TWO NINE
24	20BM027	MOWNITHTHA TM	30	THREE ZERO
25	· 20BM030	NIRANJANA.V	41	FOUR DNE
26	20BM031	NIROSHKUMAR.S	26	TNO SIX

,	20BM032	PAVITHRA R	43	FOUR THREE
	20BM033	PAVITHRA.S	34	THREE FOUR
29	20BM034	PRADEEP. S	36	THREE SIX
30	20BM035	PRASANTH.M	4-5	FOUR FIVE
31	20BM036	PRAVEEN KUMAR.D	26	Two six
32	· 20BM037	RUBA.P	ಷ ೪	TWO EIGHT
33	20BM038	SAKTHIVEL K	33	THREE THREE
34	20BM039	SAKTHIVEL P	38	THREE BOHT
35	20BM040	SANJAY. S	34	THREE FOUR
36	20BM042	SARANYA S	41	foor one
37	20BM043	SELVARAJ. R	30	THREE ZERO
38	20BM044	SHANMUGAPRIYA.M	એ≠	TWO SEVEN
39	20BM045	SHARMILA. K	34	THREE FOUR
40	20BM046	SHEIKCHAN. M	38	THREE EIGHT
41	20BM047	SHIYAMALA.S	45	FOUR FIVE
42	· 20BM048	SOWMIYA.P	વેજ	THE EIGHT
43	20BM049	SRIHARINI.B	29	THO NINE
44	20BM050	SRINITHI.A	39	THREE NINE
45	20BM051	SUBASHREE.M	48	TWO FIGHT
46	20BM052	V,SUGANYA.V	40	FOUR ZERO
47	20BM053	SUJAN.K	36	THREE SIX
48	20BM054	SURESHKUMAR.V	44	FOUR FOUR
49	20BM055	SWATHI.K	40	FOUR ZERO
70	20BM056	SWETHA K	વે9	THO NIME
51	20BM057	VASANTH M	37	THREE SEVEN
52	20BML01	THARANI G	3∻	THREE TWO
53	20BML02	VILLIAM DAVID.R	33	THREE THREE

INDUSTRY CO-ORDINATOR



Simulation and Optimization of Cross-Country Pipeline

Total hours: 30 Hrs

UNIT I: Introduction to ASME and Line Sizing Criteria, Line Sizing Calculation and PSIM Software

Introduction to ASME 31.3, 31.4 & 31.8, On & off plot line sizing criteria for different stream: Liquid and gas. Line sizing calculation (Python /Excel) based on Darcy equation & other correlations and steam line sizing. Introduction to PSIM software (open source), Case study.

List of Experiments

25 Hrs

5 Hrs

- 1. Simulation for gas phase pipe line
- Simulation for liquid phase pipe line.
- 3. Simulation for Steam line pipe sizing
- 4. Simulation for two phase fluid flowing in carbon steel pipe line.

Lecture: 5, Practical: 25 Total: 30

Reference/ Manual/ Software:

- Coulson, J.M.; Richardson, J.F.; Backhurst, J.R.; Harker, J.H. "Coulson and Richardson's Chemical Engineering-Fluid Flow, Heat Transfer and Mass Transfer" Volume-1, 6th edition, Publisher: Elsevier Science, ISBN: 9788181473868.
- Peter Harriott, McCabe and smith "Unit Operations of Chemical Engineering" 7th edition, McGraw Hill Education; 2017, ISBN: 9339213238.
- PSIM Open-source software, https://fluidflowinfo.com
 PSIM System Requirements PSIM runs in Microsoft Windows 7, 8, or 10 either on a standalone PC or on a network PC, and is available as 32-bit or 64-bit software. A minimum of 500MB RAM memory is required. The program will occupy around 560MB hard disk space after installed.

Course Outcomes:

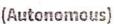
After completing the course, the student will be able to:

- understand the open-source software PSIM
- calculate the line sizing for different stream
- Optimize the line sizing for different stream



NANDHA

ENGINEERING COLLEGE, Erode - 52.







DEPARTMENT OF CHEMICAL ENGINEERING

ORGANISING COMMITTEE

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Chairman, Sri Nandha Educational Trust

Thiru. S. Nandhakumar Pradeep

Secretary, Sri Nandha Educational Trust

Thiru, S. Thirumoorthi

Secretary, Sri Nandha Educational Institutions

Patrons

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Nandha Engineering College

Dr.J.Senthil, Director

Nandha Tech Campus

Convener

Dr. N. Subramanian

Associate Professor& Head,

Department of Chemical Engineering

Coordinator

Ms. S. Keerthika M. Tech,

Assistant Professor / Chemical Engineering

Department Association Office Bearers Secretary

Mr. Rajesh Kumar S IV - B. Tech. Chemical

Treasurer

Mr. Krishna Prasat M IV - B. Tech. Chemical

Joint Secretary

III - B. Tech. Chemical Ms. Subasini R

Joint Treasurer

Mr. Kennedy Diwakar III - B.Tech. Chemical

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Mr. Yuvaraj.S	IV - B. Tech. Chemical
Mr. Arun Kumar T M	IV - B.Tech. Chemical
Mr. Prakadesh U	III - B.Tech. Chemical
Mr. Adrash S	III - B.Tech. Chemical
Ms. Bhavani M	II - B.Tech. Chemical
Mr. Ashok A	Il - B.Tech. Chemical
Mr. Hakkiem S	II - B.Tech. Chemical
Mr. Balashanmugam K	II - B.Tech. Chemical

INVITATION

The Management, Principal, Faculty & Student members of

Chemical Engineering Department

Nandha Engineering College

IIChE-NEC Student Chapter

Organizes

VALUE ADDED COURSE

On

Simulation and Optimization of Cross -Country

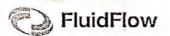
Pipe Line Using Fluid Flow Software

Resource Person

Mr. K. Kamalahasan

Director

Fermion Energy & Engineering Solutions Pvt.Ltd Coimbatore



Date: NOV 05,06,12,13-2022

Time: 9:00 am to 5:00 pm

Venue: Chemical Engineering Computer Center

Co-Convenors

Mr. K. Rajasekaran AP / Chemical Mr. B. Vinoth Kumar AP / Chemical Ms. S. Keerthika AP / Chemical

Convenor

Dr. N. Subramanian HoD / Chemical

Director

Dr. J. Senthil Nandha tech Campus

Principal

Dr. N. Rengarajan Nandha Engineering College

NANDHA ENGINEERING COLLEGE, ERODE - 52.



(Autonomous)

DEPARTMENT OF CHEMICAL ENGINEERING BATCH 2019-2023 (Academic Year 2022-23)

Value Added Course - Students Name List

Simulation and Optimisation of Cross-Country Pipeline

S.NO	REGISTER NUMBER	NAME OF THE STUDENT	
1	19CH001	AKASH T	
2	19CH003	CHIRANJEVI ANISH P	
3	19CH004	DEVALINGAM M	
4	19CH005	DINESH M	
5	19CH006	GOPINATH N	
6	19CH007	GOWTHAM C	
7	19CH008	GOWTHAMAN V	
8	19CH009	HARIHARAN A	
9	19CH010	HARIHARAN B	
10	19CH011	HARIHARAN P	
11	19CH012	HARIHARAN R	
12	19CH013	JEEVA J	
13	19CH015	KARTHIK S	
14	19CH016	KRISHNA PRASAT M	
15	19CH017	KRISHNAN S	
16	19CH018	MADHAVAN M	
17	19CH020	NANDHAKUMAR S	
18	19CH021	NAVEEN KUMAR K M	
19	19CH022	NISHWIN SAJEEV	
20	19CH023	PRAVEEN T	
21	19CH024	RAGHURAMAN B	
22	19CH025	RAJESH KUMAR S	
23	19CH026	RANJITHKUMAR M	
24	19CH027	SABARIRAJA V	
25	19CH028	SARAVANAN A	
26	19CH029	SOORYA S	
27	19CH030	SRIHARAN M	
28	19CH031	SUBASH P	
29	19CH034	VIJAYA RAGAVAN A	
30	19CH035	VIJAYANAND A	
31	19CH037	WASIM AKRAM M	

33	19CHL01	AKILESHWARAN A
34	19CHL06	JEEVITH G K
35	19CHL09	RAJARAAJESHWARAN K
36	19CHL10	SANAKKIYA M
37	19CHL11	SANJAY R
38	19CHL12	SELVAPRAVIN D
39	19CHL13	SIVAPRAKASH C
40	19CHL14	SIVASUDARMANI T
41	19CHL15	VINOTHKUMAR S
42	19CHL16	YUVARAJ V C
43	19CHL17	ABHIJITH A
44	19CHL19	ANDROOSE A
45	19CHL20	BASIL SAJU

B. Faculty Incheryc.



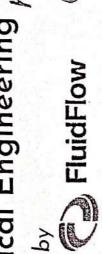
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Erode-638 052, Tamil Nadu. www.nandhaengg.org





Supported by



SUBASH P

Nandha Engineering College completed an Value added Course on Simulation and Optimization This is to certify that Dr./Prof./Mr./Ms./Mrs.

Engineering & IIChE-NEC Students Chapter, held on 05, 06, 12, and 13 November 2022 at the

of Cross-Country Pipe Line Using FluidFlow Software organized by Department of Chemical

Department of Chemical Engineering, Nandha Engineering College, Erode.



Ms.S.Keerthika Coordinator

Chammer

Associate Professor & Head Dr. N. Subramanian

Dr.N.Rengarajan Principal