



NANDHA COLLEGE OF TECHNOLOGY, ERODE
Research and Development Cell
Academic Year 2018-19
Grants Received Details

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned (INR in lakhs)	Duration of the project	Name of the Funding Agency	Type (Government/non-Government)
Business Intelligence in Strategic Sales Planning	Dr.S.Nandagopal	Computer Science and Engineering	2018-19	0.01	2 days	BPCL, Chennai	Non-Government
Credit Bill Maintenance System	Ms.K.Nithya	Computer Science and Engineering	2018-19	0.01	2 days	BPCL, Chennai	Non-Government
Machining-Bearing Rod,Bearing Bracket,MS-Sleeve	Mr.P.Manickavasagam	Mechanical Engineering	2018-19	0.007	10 days	VRK Industries	Non-Government
Machining-End Cap Connector	Mr.P.Manickavasagam	Mechanical Engineering	2018-19	0.05325	7 days	VRK Industries	Non-Government
Machining-End Cap Connector	Mr.P.Manickavasagam	Mechanical Engineering	2018-19	0.05775	7 days	VRK Industries	Non-Government
Machining-End Cap Connector	Mr.P.Manickavasagam	Mechanical Engineering	2018-19	0.04125	7 days	VRK Industries	Non-Government
Machining-End Cap Connector	Mr.P.Manickavasagam	Mechanical Engineering	2018-19	0.0075	7 days	VRK Industries	Non-Government
Machining-MS Shaft Keyway	Mr.P.Manickavasagam	Mechanical Engineering	2018-19	0.009	7 days	Om Muruga Industries	Non-Government
Machining-SS Bush & Foundation Bolt Slot	Mr.P.Manickavasagam	Mechanical Engineering	2018-19	0.0575	10 days	Annai Lathe Works	Non-Government
Machining-Point knit & end cup connector	Mr.P.Manickavasagam	Mechanical Engineering	2018-19	0.0389	11 days	Kaarthikeya steel fabrication	Non-Government
Machining-Ceiling cover,bearing cover & UKL adaptor	Mr.P.Manickavasagam	Mechanical Engineering	2018-19	0.0625	12 days	Sai Marketing	Non-Government
Machining-UKL adaptor,rotary joint,connecting rod&ALFA end cap	Mr.P.Manickavasagam	Mechanical Engineering	2018-19	0.0273	12 days	Sai Marketing	Non-Government
Machining-foundation bolt-slot	Mr.P.Manickavasagam	Mechanical Engineering	2018-19	0.088	14 days	Annai Lathe Works	Non-Government
Machining-power loom parts	Mr.P.Manickavasagam	Mechanical Engineering	2018-19	0.0566	10 days	Mass Electronics	Non-Government
Machining-SS Bush-parting &SS bush parting & facing	Mr.P.Manickavasagam	Mechanical Engineering	2018-19	0.038	10 days	VRK Industries	Non-Government

Machining-end cup adapter,ceiling cover,bearing cover,permit port	Mr.P.Manickavasagam	Mechanical Engineering	2018-19	0.14935	14 days	Sai Marketing	Non-Government
Machining-power loom parts	Mr.P.Manickavasagam	Mechanical Engineering	2018-19	0.0281	10 days	Mass Electronics	Non-Government
Machining-inter connector,permit port,end cup adafter	Mr.P.Manickavasagam	Mechanical Engineering	2018-19	0.08195	12 days	Sai Marketing	Non-Government
Paver Block	Mr.N.Atthikumaran	Civil Engineering	2018-19	0.009	4 days	JSW Steel	Non-Government
Fly Ash Bricks Test	Mr.N.Atthikumaran	Civil Engineering	2018-19	0.0275	3 days	D.S Associates	Non-Government
Paver Block	Mr.N.Atthikumaran	Civil Engineering	2018-19	0.025	4 days	M.M Contractors	Non-Government
CBR Tests	Mr.N.Atthikumaran	Civil Engineering	2018-19	0.018	2 days	M.M Contractors	Non-Government
Seminar on Recent Trends in Application of Queueing Models	Prof.Ramya Devi	Science and Humanities	2018-19	0.2	1 day	Council of Scientific & Industrial Research (CSIR),Ministry of	Government
Seminar on Current Trends in Materials Science	Prof.S.Ananthi	Science and Humanities	2018-19	0.15	1 day	Tamilnadu State Council for Science and Technology	Government
Seminar on Cost Effective Solution for Selection of Cloud Services Using Multi-Criteria Decision Making Model	Dr.P.Saveetha	Information Technology	2018-19	0.1	1 day	The Institution of Engineers(India) Erode Local Centre	Non-Government
Seminar on Wavelet Video Processing Techniques	Prof.R.Jayanthi	Electronics and Communication Engineering	2018-19	0.1	1 day	The Institution of Engineers(India) Erode Local Centre	Non-Government


R&D CO-ORDINATOR


PRINCIPAL



NANDHA COLLEGE of TECHNOLOGY, ERODE-52

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

2018-2019

Consultancy Work

From

Mr. S. Nandagopal,
Head of the Department,
Department of Computer Science & Engineering,
Nandha College of Technology,
Erode-638052.

To

The Secretary,
Nandha Educational Institutions,
Erode-638052.

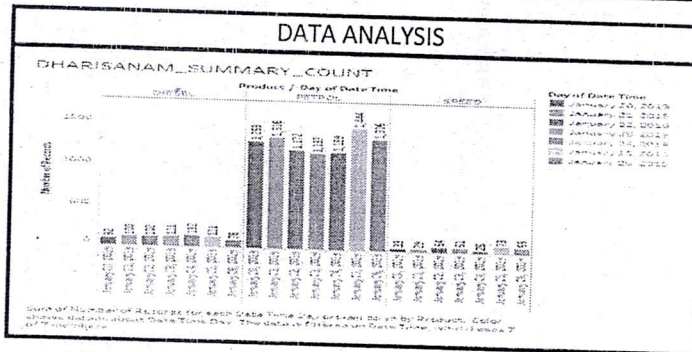
Respected Sir,

Sub: 2018-19 – Consultancy work – Computer Science & Engineering – Reg.

Work Order	COMPANY	NATURE OF WORK	FACULTY I/C		
CW 60	BPCL, Chennai	Business Intelligence in Strategic Sales Planning	Dr. S. Nandagopal, HoD/CSE E. Prabhakar, AP/CSE V.S. Suresh Kumar, AP/CSE		
Units	1	Unit Cost	1000	Total Cost	1000

Cheque- Details

Bank	Drawee	Branch	Cheque No	Amount	Date
Karur Vysya Bank	BPCL	Chennai	000173	1000	22/04/2019



Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	Dr. S. Nandagopal, HoD/CSE
400	600	

E. Prabhakar
13.5.19
Consultancy i/c
Department
(E. Prabhakar,
AP/CSE)

S. Nandagopal
13.5.19
Consultancy i/c
NCT

S. Nandagopal
Principal

S. Tejaswini
Secretary
9/5/19

S. Nandagopal
Principal
Nandha College of Technology
Erode-52.

Cheque

Valid only for 3 months Payable at all branches

THE KARUNAVSYA BANK LIMITED डि कारुन वेस्या बैंक लिमिटेड.
 CHEMUNALAI-638051
 DIST. KANNIYAKUMARI

22 04 20 19
D D M M Y Y Y Y

Pay अदा करे THE PRINCIPAL, NANDHA COLLEGE DE TECHNOLOGY Or Bearer
 या धारक को

Rupees रुपये One Thousand only.

₹ 1000 /—

A/c No. खाता क्र. 164111500001033 INITIAL आद्यार ॥

FOR VRAJA FUEL AGENCIES

C. S.
 PROPRIETOR / PROPRIETRIX / AUTHORISED SIGNATORY
 Please sign above

⑈000173⑈ 638053019⑈ 001033⑈ 11

Bank-Receipt

DEPOSIT / PAY IN SLIP

Indian Bank THOTTANI

Branch THOTTANI

Date 20/04/2019

SB/CA/OD/CC/RD/TL/DL A/c No / Credit Card No.
6093252793

Name THE PRINCIPAL - NANDHA
COLLEGE OF TECHNOLOGY


Amount 1000 00

Rupees in words ONE THOUSAND
RUPEES ONLY

Sl. No.	Particulars	Rs.	Paise
1	22/4/19	1000	00
Total		1000	00

Signature of Officer/Cashier/SWO

Indian Bank Group Corporate Office / Indian Bank Toll Free
 1800 425 00 000


Principal
Nandha College of Technology
Erode-52.



NANDHA COLLEGE of TECHNOLOGY, ERODE-52

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

2018-2019

Consultancy Work

From

Ms.K.Nithya,
Assistant Professor,
Department of Computer Science & Engineering,
Nandha College of Technology,
Erode-638052.

To

The Secretary,
Nandha Educational Institutions,
Erode-638052.

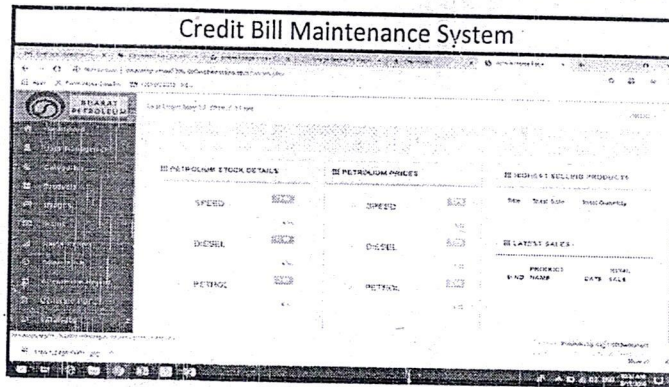
Respected Sir,

Sub: 2018-19 – Consultancy work – Computer Science & Engineering – Reg.

Work Order	COMPANY	NATURE OF WORK	FACULTY I/C	STUDENTS
CW 64	BPCL, Chennai	Credit Bill Maintenance System	Mrs.C.R.Dhivyaa, AP Ms.K.Nithya, AP Mr.R.Sudhakar, AP	E.Dinesh Kumar R.Logesh K.Mugunthan
	Units	1	Unit Cost	1000
			Total Cost	1000

Cheque- Details

Bank	Drawee	Branch	Cheque No	Amount	Date
Karur Vysya Bank	BPCL	Chennai	000174	1000	22/04/2019



Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	Ms.K.Nithya, Assistant Professor
400	600	

E. Prabhakar
13-5-19
Consultancy i/c
Department
(E. Prabhakar,
AP/CSE)

P. ...
13-5-19
Consultancy i/c
NCT

Principal
13-5-19

S. ...
9/5/19
Secretary

Principal
Nandha College of Technology
Erode-52.

Cheque

 KVB Kaveri Vysya Bank CHENNAI PAY TO THE ORDER OF	Valid only for 3 months Payable at all branches	22 04 2019 D D M M Y Y Y Y
THE KAVIR VYSYA BANK LIMITED. K. Kaveri Vysya Bank Limited. Pay to the order of <u>THE PRINCIPAL, NANDHA COLLEGE OF TECHNOLOGY</u> Or Bearer या धारक को		
Rupees रुपये <u>One Thousand Rupees Only</u>		₹ 1000 /-
A/c No. खाता नं. <u>164111500001033</u>	INITIAL धारक <u> </u>	FOR VRAJA FUEL AGENCIES
PROPRIETOR / PROPRIETRIX / AUTHORIZED SIGNATORY धारक		
000174 638053019: 001033* 11		

Bank-Receipt

DEPOSIT / PAY IN SLIP	
Indian Bank THOTTANI Branch	
Date <u>22/04/2019</u>	
SS/CA/OD/CC/CD/TL/DL A/c No./Credit Card No. <u>6073852793</u>	
Cheque / Name <u>THE PRINCIPAL NANDHA COLLEGE OF TECHNOLOGY</u>	
Amount <u>1000 00</u>	
Rupees in words <u>ONE THOUSAND RUPEES ONLY</u>	
Cheque No./Date/Name of Bank & Branch <u>000174 22/4/19 KVB Chennai</u>	
Officer/Cashier/SWO	

Principal
Nandha College of Technology
Erode-52.



NANDHA COLLEGE OF TECHNOLOGY, ERODE-52

DEPARTMENT OF MECHANICAL ENGINEERING

2018-2019

Consultancy Work

From

Mr. P.Manickavasagam,
Head of the Department,
Department of Mechanical Engineering,
Nandha College of Technology,
Erode-638052.

To

The Secretary,
Nandha Educational Institutions,
Erode-638052:

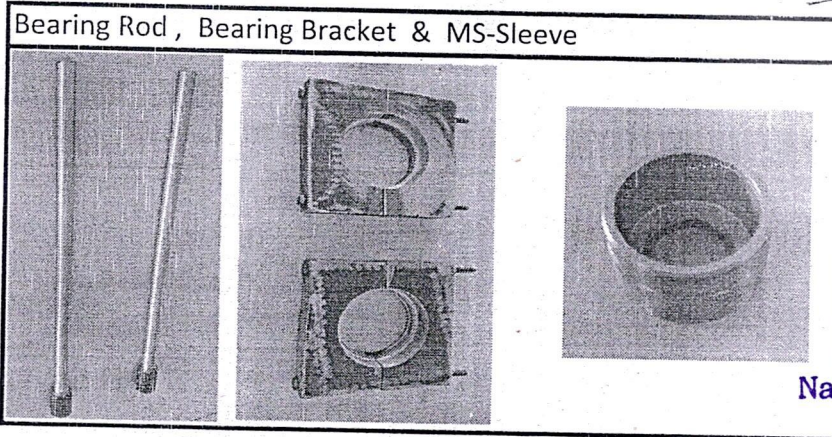
Respected Sir,

Sub: 2018-19 – Consultancy work – Mechanical Engineering – Reg.

Work Order	COMPANY	NATURE OF WORK	FACULTY I/C	TECHNICIAN		
CW- 6-8	VRK Industries	Machining	P.Manickavasagam HOD/Mech	P.Ramesh		
	Units	2+2+1	Unit cost	200+100+100	Total Cost	700

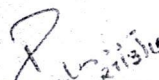
Cheque- Details


Bank	Drawee	Branch	Cheque No	Amount	Date
South Indian Bank	Managing Partner VRK Industries	INGUR	201457	700	27.2.2019






Principal
Nandha College of Technology
Erode-52.

Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	P.Manickavasagam HOD/Mech
280	420	



Consultancy i/c
Department


Consultancy i/c
NCT

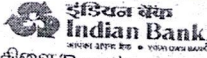

Principal



Secretary
9/5/19

Cheque

 <p>SOUTH INDIAN Bank Experience Next Generation Banking</p>	<p>द्वि साउथ इन्डियन बँक लिमिटेड The South Indian Bank Limited INGUR, ERODE - 638 058 IFSC: SIBL0000293</p>	<p>Valid for three months only</p>	<table border="1" style="margin: auto;"> <tr> <td>2</td><td>7</td><td>0</td><td>2</td><td>2</td><td>0</td><td>1</td><td>9</td> </tr> <tr> <td>D</td><td>D</td><td>M</td><td>M</td><td>Y</td><td>Y</td><td>Y</td><td>Y</td> </tr> </table>	2	7	0	2	2	0	1	9	D	D	M	M	Y	Y	Y	Y
2	7	0	2	2	0	1	9												
D	D	M	M	Y	Y	Y	Y												
<p>Pay THE PRINCIPAL NANDHA COLLEGE OF TECHNOLOGY वा धारक को or Bearer</p>																			
<p>रुपये Rupees <u>Seven Hundred only / -</u></p>		<p>अदा करें ₹ <u>700/-</u></p>																	
<p>A/c. No. <u>0293073000000380</u></p>																			
<p>CD-PREMIUM</p>		<p>For VRK INDUSTRIES <i>[Signature]</i> Managing Partner Please sign above</p>																	
<p>MCD/BB " Payable at all branches "</p>																			
<p>⑈ 201457⑈ 638059005⑈ 000380⑈ 29</p>																			

Bank-Receipt

<p>வைப்புறுதி செலுத்தும் சீட்டு/DEPOSIT / PAY IN SLIP</p>	
 <p>Indian Bank</p>	
கிளை/Branch	<u>Thottai</u>
தேதி/Date	<u>11/03/2019</u>
<p>சேமிப்புநடப்பு/சீ.சி./தொடர்/காலக்கடன்/பி.எல்/கடன் அட்டை எண். SB/CA/OD/CC/RD/TL/DL A/c No./Credit Card No.</p>	
	<u>6093252795</u>
பெயர்/Name	<u>The Principal Nandha</u>
தொலைபேசி எண்/Tel. No.	<u>College of Technology</u>
ரொக்கம்/Amount	<u>700 - -</u>
ரூபாய் எழுத்துால்/Rupees in words	<u>Seven hundred only</u>
ரொக்கம்/காசோலை/தேதி/வங்கி பெயர்/கிளை Cash/Cheque No./Date & Name Of Bank & Branch	
மொத்தம்/Total	
அதிகாரி/காசாளர்/ஆ.சா.பு Officer/Cashier/SWO	<p>தூக்கம் மூலம்/1800 425 00 000 /Indian Bank Toll Free</p>


Principal
Nandha College of Technology
Erode-52.



NANDHA COLLEGE OF TECHNOLOGY, ERODE-52

DEPARTMENT OF MECHANICAL ENGINEERING

2018-2019

Consultancy Work

From

Mr. P.Manickavasagam,
Head of the Department,
Department of Mechanical Engineering,
Nandha College of Technology,
Erode-638052.

To

The Secretary,
Nandha Educational Institutions,
Erode-638052.

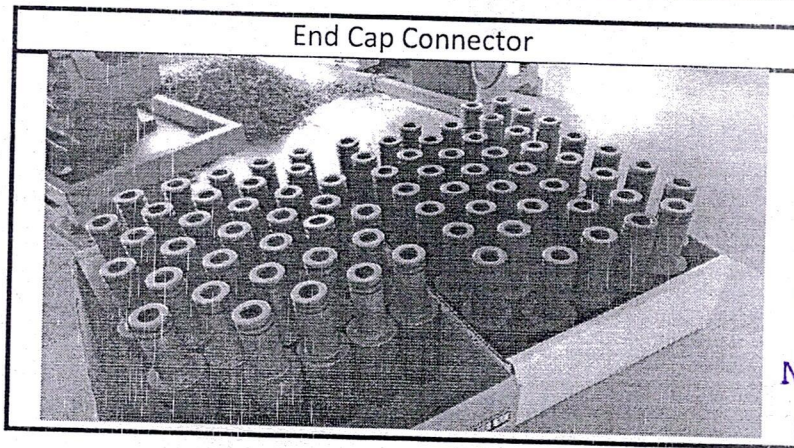
Respected Sir,


Sub: 2018-19 – Consultancy work – Mechanical Engineering – Reg.

Work Order	COMPANY	NATURE OF WORK	FACULTY I/C	TECHNICIAN
CW 9-11	VRK Industries	Machining	P.Manickavasagam HOD/Mech	P.Ramesh
	Units 71	Unit cost 75	Total Cost	5325

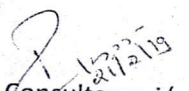
Cheque- Details

Bank	Drawee	Branch	Cheque No	Amount	Date
South Indian Bank	Managing Partner VRK Industries	INGUR	201451	5325	20.2.2019





Principal
Nandha College of Technology
Erode-52..

Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	P.Manickavasagam HOD/Mech
2130	3195	


Consultancy i/c
Department


Consultancy i/c
NCT



Principal


Secretary

9/5/19

No./Credit Card No. 9712

Cheque



SOUTH INDIAN Bank
Experience Next Generation Banking

द्वि साउथ इंडियन बँक लिमिटेड
The South Indian Bank Limited
INGUR, ERODE - 638 058
IFSC: SIBL0000293

Valid for three months only

2	0	2	2	0	1	9
D	D	M	M	Y	Y	Y

Pay THE PRINCIPAL, NANDHA COLLEGE OF TECHNOLOGY वा धारक को or Bearer

रुपये Rupees FIVE THOUSAND THREE HUNDRED AND TWENTY FIVE ONLY अदा करें ₹ 5325/-

A/c. No. 0293073000000380

For VRK INDUSTRIES

[Signature]

Managing Partner
Please sign above

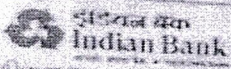
CD-PREMIUM

MCD/BB " Payable at all branches "

⑈ 201451⑈ 638059005⑈ 000380⑈ 29

Bank-Receipt

DEPOSIT / PAY IN SLIP



THOTTANI

Branch THOTTANI

Date 20022019

Account No./Credit Card No. 6093052793

Client Name The Principal, Nandha College of Technology

Amount 5,325/-

Amount in words Five thousand three hundred and twenty five only

Particulars	Dr	Cr	Balance
20/1/19		5,325	-
South Indian Bank			
Ingur			
Total		5,325	-

Principal
Nandha College of Technology
Erode-52



NANDHA COLLEGE OF TECHNOLOGY, ERODE-52

DEPARTMENT OF MECHANICAL ENGINEERING

2018-2019

Consultancy Work

From
Mr. P.Manickavasagam,
Head of the Department,
Department of Mechanical Engineering,
Nandha College of Technology,
Erode-638052.

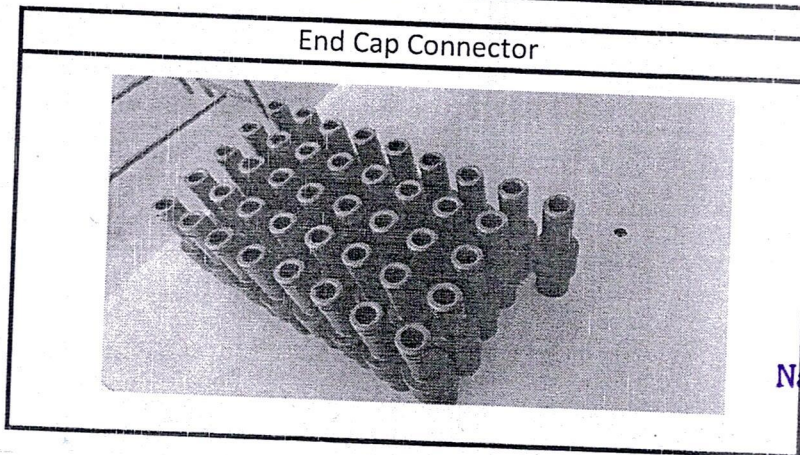
To
The Secretary,
Nandha Educational Institutions,
Erode-638052.


Respected Sir,
Sub: 2018-19 – Consultancy work – Mechanical Engineering – Reg.

Work Order	COMPANY	NATURE OF WORK	FACULTY I/C	TECHNICIAN
CW-12	VRK Industries	Machining	P.Manickavasagam HOD/Mech	P.Ramesh
	Units	77	Unit cost	75
			Total Cost	5775


Cheque- Details


Bank	Drawee	Branch	Cheque No	Amount	Date
South Indian Bank	Managing Partner VRK Industries	INGUR	201452	5775	20.2.2019

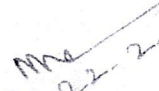




Principal
Nandha College of Technology
Erode-52..

Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	P.Manickavasagam HOD/Mech
2310	3465	


12/2/19
Consultancy i/c
Department


12/2/19
Consultancy i/c
NCT


22-2-19
Principal


Secretary
9/5/19



NANDHA COLLEGE OF TECHNOLOGY, ERODE-52

DEPARTMENT OF MECHANICAL ENGINEERING

2018-2019

Consultancy Work

From

Mr. P. Manickavasagam,
Head of the Department,
Department of Mechanical Engineering,
Nandha College of Technology,
Erode-638052.

To

The Secretary,
Nandha Educational Institutions,
Erode-638052.

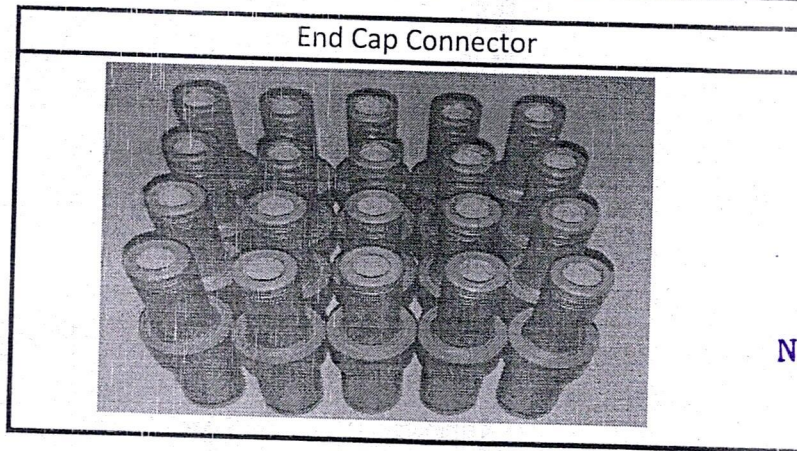
Respected Sir,


Sub: 2018-19 – Consultancy work – Mechanical Engineering – Reg.

Work Order	COMPANY		NATURE OF WORK		FACULTY I/C	TECHNICIAN
CW 13-16	VRK Industries		Machining		P. Manickavasagam HOD/Mech	P. Ramesh
	Units	55	Unit cost	75	Total Cost	4125

Cheque- Details

Bank	Drawee	Branch	Cheque No	Amount	Date
South Indian Bank	Managing Partner VRK Industries	INGUR	201455	4125	20.2.2019




Principal
Nandha College of Technology
Erode-52.

Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	P. Manickavasagam HOD/Mech
1650	2475	



15/2/19
21/2/19
Consultancy i/c
Department


21/2/19
Consultancy i/c
NCT


22-2-19
Principal


Secretary
9/5/19

Cheque



SOUTH INDIAN Bank
Excellence Next Generation Banking

சி. எஸ். இ. பி. என். பேங்க் லிமிடெட்
The South Indian Bank Limited
INSUR, ERODE - 635 058
IFSC: SIBL0002935

Valid for three months only

20022019
D D M M Y Y Y Y

Pay THE PRINCIPAL NANDHA COLLEGE OF TECHNOLOGY வா धारक को or Bearer

रुपये Rupees FOUR THOUSAND ONE HUNDRED AND
TWENTY FIVE ONLY अदा करें ₹ 4125/-

A/c. No. 0293073000000380

CD-PREMIUM

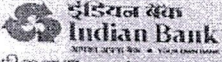
For VRK INDUSTRIES
S. Subramanian
Managing Partner
Please sign above

MCD/BB " Payable at all branches "

" 201455 " 638059005 : 000380 " 29

Bank-Receipt

வைப்புறுதி செலுத்தும் ஸ்லிப் / DEPOSIT / PAY IN SLIP



THOTTANI

கிளை/Branch

தேதி Date 20022019

சேமிப்புநடப்பு/ஒது./கி.சி./தொடர்/காலக்கடன்/பி.எஸ்/கடன் ஆட்கட. எண்ண.
SB/CA/OD/CC/RD/TL/DL A/c No./Credit Card No.
6093852793

பெயர் /Name The Principal Nandha

தொலைபேசி எண்/Tel. No. College of Technology

ரொக்கம் Amount 4,125/-

ரூபாய் எழுத்துகள்/Rupees in words Four Thousand one hundred and Twenty five only

பொருள்/சா.சே.எண்/தேதி/வங்கியின் பெயர்/கிளை Cash/Cheque No./Date & Name Of Bank & Branch	ரூ./ர	ரூ./P
<u>201455 20/2/19</u>	<u>4,125/-</u>	
<u>South Indian Bank</u>		
<u>Tngor</u>		
மொத்தம்/Total	<u>4,125/-</u>	

ஆதிக்காரி/காசியர்/சு.பெ.யர்
Officer/Cashier/SWO

தலைவர்/மேலாளர்/Indian Bank Toll Free
1800 425 00 000

Principal
Nandha College of Technology
Erode-52.



NANDHA COLLEGE OF TECHNOLOGY, ERODE-52

DEPARTMENT OF MECHANICAL ENGINEERING

2018-2019

Consultancy Work

From

Mr. P.Manickavasagam,
Head of the Department,
Department of Mechanical Engineering,
Nandha College of Technology,
Erode-638052.

To

The Secretary,
Nandha Educational Institutions,
Erode-638052.

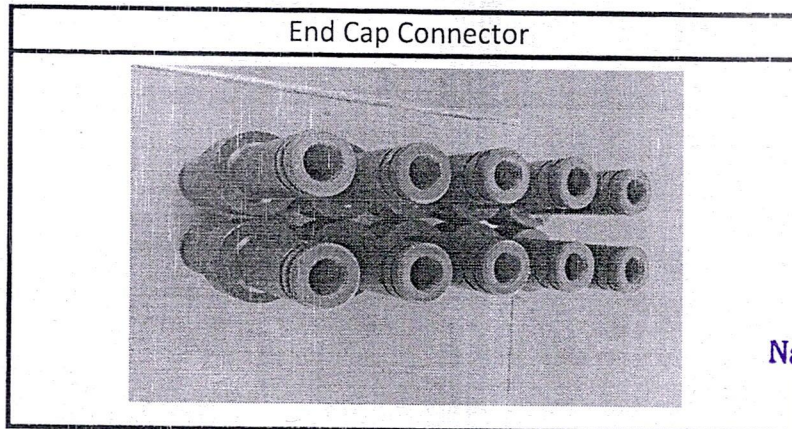
Respected Sir,


Sub: 2018-19 – Consultancy work – Mechanical Engineering – Reg.

Work Order	COMPANY	NATURE OF WORK		FACULTY I/C	TECHNICIAN
CW-17	VRK Industries	Machining		P.Manickavasagam HOD/Mech	P.Ramesh
	Units	10	Unit cost	75	Total Cost
					750

Cheque- Details


Bank	Drawee	Branch	Cheque No	Amount	Date
South Indian Bank	Managing Partner VRK Industries	INGUR	201456	750	20.2.2019

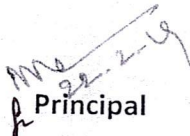



Principal
Nandha College of Technology
Erode-52..

Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	P.Manickavasagam HOD/Mech
300	450	


1/2/2019
Consultancy i/c
Department


1/2/2019
Consultancy i/c
NCT


Principal


Secretary
9/9/19

Cheque



दरि साउथ इन्डियन बैंक लिमिटेड
The South Indian Bank Limited
INGUR, ERODE - 638 058
IFSC: SIBL0000293

Valid for three months only

20022019
D D M M Y Y Y Y

Pay THE PRINCIPAL, NANDHA COLLEGE OF TECHNOLOGY या धारक को or Bearer

रुपये Rupees SEVEN HUNDRED AND FIFTY ONLY

अदा करें ₹ 750/-

A/c. No. 0293073000000380

CD-PREMIUM

MCD/BB " Payable at all branches "

For VRK INDUSTRIES

[Signature]

Managing Partner
Please sign above

⑈ 201456⑈ 638059005⑆ 000380⑈ 29

Bank-Receipt

வங்கியுரிதி செலுத்தும் சீட்டு / DEPOSIT / PAY IN SLIP

South Indian Bank THOTTANI

கிளை/Branch: _____

தேதி/Date: 20022019

சேமிப்பு நடவடிக்கை/சி.சி./தொடர் காலக்கடன்/பிஎஸ்சுடன் அட்டை எண்.
SB/CA/OD/CC/RD/TL/DL A/c No./Credit Card No.
6093852793

பெயர்/Name: The Principal, Nandha
தொலைபேசி எண்/Tel. No: College of Technology
ரூ./₹ பை/P.

மொத்தம்/Amount: 750 -

நடவடிக்கை/ Rupees in words: Seven hundred and fifty only.

மொத்தம்/Amount	ரூ./₹	பை/P.
201456	20/2/19	750 -
South Indian Bank		
Ingur		
மொத்தம்/Total		750 -

அதிகாரி/காசாளர்/ஆ.சா.பா
Officer/Cashier/SWO

1800 425 00 000 Indian Bank Toll Free

[Signature]
Principal
Nandha College of Technology
Erode-52.



NANDHA COLLEGE OF TECHNOLOGY, ERODE-52

DEPARTMENT OF MECHANICAL ENGINEERING

2018-2019

Consultancy Work

From

Mr. P.Manickavasagam,
Head of the Department,
Department of Mechanical Engineering,
Nandha College of Technology,
Erode-638052.

To

The Secretary,
Nandha Educational Institutions,
Erode-638052.

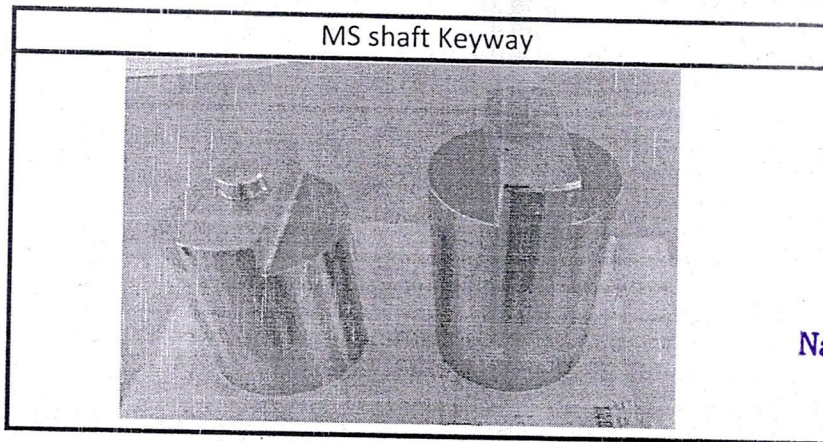
Respected Sir,

Sub: 2018-19 – Consultancy work – Mechanical Engineering – Reg.

Work Order	COMPANY		NATURE OF WORK		FACULTY I/C	TECHNICIAN
CW-18	Om Muruga Industries		Machining		P.Manickavasagam HOD/Mech	P.Ramesh
	Units	2	Unit cost	450	Total Cost	900

Cheque- Details

Bank	Drawee	Branch	Cheque No	Amount	Date
Corporation Bank	Om Muruga Industries	Perundurai	5051	900	20.2.2019



P
Principal
Nandha College of Technology
Erode-52..

Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	P.Manickavasagam HOD/Mech
360	540	

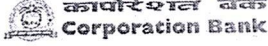
P
Consultancy i/c
Department

P
Consultancy i/c
NCT

P
Principal

S.T
Secretary
9/5/19

Cheque



PERUNDURAI BRANCH(3173),PERUNDURAI - 638052
IFS CODE : CORP0003173

या निश्चित तारीख के तारीख से तीन महीने के लिए वैध है।
The instrument is valid for three months from the date of issue.

22 01 20 19
D B M M Y Y Y Y

Pay The Principal, Nandha College of Technology या धारक को or Bearer

रुपये Rupees Nine hundred only

अदा करें ₹ 900/-

A/c.No. 510101001357629

A/c No. For NEFT/RTGS/ECS/DBT
510101001357629

कार्पोरेशन बैंक की सभी शाखाओं में देय
Payable at all branches of Corporation Bank

K. N. Sathish Kumar
OM MURUGA INDUSTRIES
Please sign above

⑈005015⑈ 638017015⑈ 201704⑈ 11

Bank-Receipt

வைப்புபடிதி செலுத்தும் சீட்டு / DEPOSIT / PAY IN SLIP



THOTTANI

கிளை/Branch

தேதி Date 16/02/2019

சேமிப்புநடப்பு/ஒ.டி.சி.சி./தொடர்/காலக்கடன்/பி.எல்/கடன் அட்டை எண்.
SB/CA/OD/CC/RD/TL/DL A/c No./Credit Card No.

6093852793

பெயர் /Name The Principal + Nandha College of Technology
தொலைபேசி எண்/ Tel. No. ரூ.₹ பை/P

மொத்தம் Amount 900/-

ரூபாய் எழுத்துகள் Rupees in words Nine hundred only.

சீட்டு/சேமிப்பு/தேதி/நடப்பிடுக பெயர்/கிளை
Cash/Cheque No./Date & Name Of Bank & Branch

சீட்டு/சேமிப்பு/தேதி/நடப்பிடுக பெயர்/கிளை	ரூ.₹	பை/P
005015 22/2/19 Corporation Bank	900	-
Remand then		
மொத்தம்/Total	900	

அதிகாரி/காசியர்/ச.அ.பி
Officer/Cashier/SWO

இந்தச் சீட்டு/சேமிப்பு/தேதி/நடப்பிடுக/Indian Bank Toll Free
1800 425 00 000

Principal
Nandha College of Technology
Erode-52..



NANDHA COLLEGE of TECHNOLOGY, ERODE-52

DEPARTMENT OF MECHANICAL ENGINEERING

2018-2019

Consultancy Work

From

Mr. P.Manickavasagam,
Head of the Department,
Department of Mechanical Engineering,
Nandha College of Technology,
Erode-638052.

To

The Secretary,
Nandha Educational Institutions,
Erode-638052.

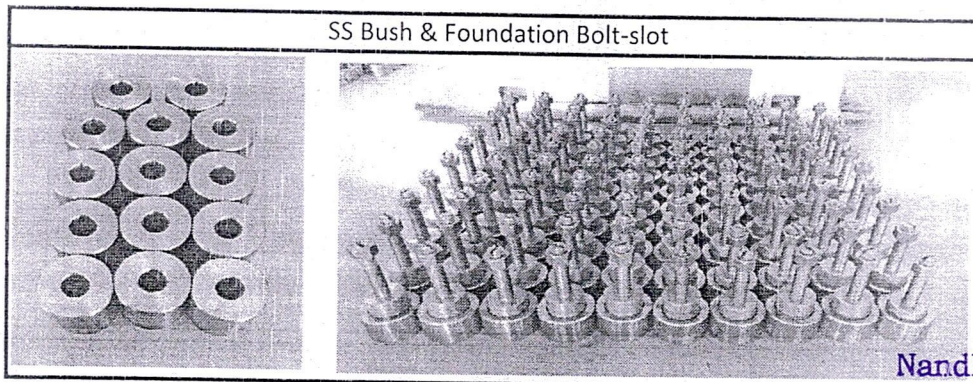
Respected Sir,

Sub: 2018-19 – Consultancy work – Mechanical Engineering – Reg.

Work Order	COMPANY	NATURE OF WORK	FACULTY I/C	TECHNICIAN
CW 19-20	Annai Lathe works	Machining	P.Manickavasagam HOD/Mech	P.Ramesh
	Units 54 & 200	Unit cost 25&22	Total Cost	5750

Cheque- Details

Bank	Drawee	Branch	Cheque No	Amount	Date
Union Bank of India	Prabhu	Perundurai	30449	5750	11-03-2019



Principal
Nandha College of Technology
Erode-52..

Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	P.Manickavasagam HOD/Mech
2300	3450	

Consultancy i/c
Department

Consultancy i/c
NCT

Principal

Secretary

9/5/19

Principal
Nandha College of Technology
Erode-52.

1800 425 00 000
 Officer/Cashier/SWO

Amount	5750/-
Amount in words	Five thousand Seven hundred and Fifty only
Bank Name	Union Bank
Branch	
Account No.	6092852793
Account Name	The Principal Nandha College of Technology
Account Type	SB/CVOD/CC/RD/TL/DL A/c No./Credit Card No.
Date	12/03/19
Branch	

Total

1800 425 00 000

Bank-Receipt

VALID FOR 3 MONTHS FROM THE DATE OF ISSUE
 DATE 11/03/2019

IFSC : UBIN0562912
 Perundurai Branch, Erode Dist. - 638 052

Union Bank of India

PAY THE PRINCIPAL NANDHA COLLEGE OF TECHNOLOGY OR BEARER
 FIVE THOUSAND SEVEN HUNDRED AND FIFTY ONLY

A/c No. 629101010050234
 Cheque No. 02030419

ANNAI LATHA WORKS
 PLEASE SIGN ABOVE THIS LINE

R. Rathi

030149 638026008 529102 29

Cheque



NANDHA COLLEGE of TECHNOLOGY, ERODE-52

DEPARTMENT OF MECHANICAL ENGINEERING

2018-2019

Consultancy Work

From

Mr. P.Manickavasagam,
Head of the Department,
Department of Mechanical Engineering,
Nandha College of Technology,
Erode-638052.

To

The Secretary,
Nandha Educational Institutions,
Erode-638052.

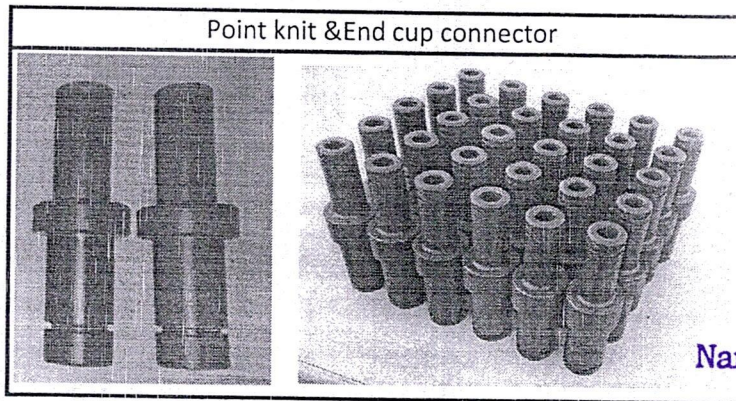
Respected Sir,

Sub: 2018-19 – Consultancy work – Mechanical Engineering – Reg.

Work Order	COMPANY	NATURE OF WORK	FACULTY I/C	TECHNICIAN
CW 21-22	Kaarthikeya steel fabrication	Machining	P.Manickavasagam HOD/Mech	P.Ramesh
	Units 2 & 50	Unit cost 70 & 75	Total Cost	3890

Cheque- Details


Bank	Drawee	Branch	Cheque No	Amount	Date
Karur Vysya Bank	R.Sakthivel	Bhavani	107	3890	11-03-2019





Principal
Nandha College of Technology
Erode-52.

Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	P.Manickavasagam HOD/Mech
1556	2334	

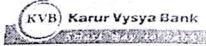

Consultancy i/c
Department


Consultancy i/c
NCT


Principal


Secretary
9/9/19

Cheque



Karur Vysya Bank
THE KARUR VYSYA BANK LIMITED
BHAVANI, THE KARUR VYSYA BANK, 994 BHARAT CAFE BUILDING, BHAVANI MAIN ROAD, BHAVANI, TAMIL NADU - 638301
IFSC : KVBL0001114

Valid for 3 months from the date of issue
Payable at all branches.

11032019

Pay अदा करें The principle Nandha College of technology or Bearer
या धारक को
Rupees रुपये Three thousand Eight Hundred and ninety Rupees only. ₹ 3890/-

A/c. No.
खाता क्र. 1114155000102509

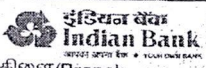
INITIAL
आरम्भ NEW ACCOUNT

R. Sakthivel
SAKTHIVEL R
Please sign above

⑈000107⑈ 63805304⑈ 000000⑈ 10

Bank-Receipt

வைப்புறுதி செலுத்தும் சி.டி./DEPOSIT / PAY IN SLIP



Indian Bank
THOTTANI


கிளை/Branch _____
 தேதி/Date 11032019
 சேமிப்புநடப்பு/ஒப்பு/சி.டி./தொடர்/காலக்கடன்/பி.எல்.கடன் அடவை. எண்.
 SB/CA/OD/CC/RD/TL/DL A/c No./Credit Card No.
6093852793
 பெயர் /Name The Principal Nandha
 தொலைபேசி எண்/ Tel. No. College of Technology
 ரூ./ரூ. பை/P.

பொருத்தம்/Amount 3,890/-
 ரூபாய் எழுத்தால்/Rupees in words Three thousand Eight hundred and Ninety only

பணம்/பணம்/கேள்வி/பெயர்/கிளை Cash/Cheque No./Date & Name Of Bank & Branch	ரூ./ரூ.	பை/P
மொத்தம்/Total		

அதிகாரிகள்/சா.லி.அ.அ.
Officer/Cashier/SWO

இந்தப் பைப்பு/இந்தப் பைப்பு/Indian Bank Toll Free
 1800 425 00,000


 Principal
 Nandha College of Technology
 Erode-52.



NANDHA COLLEGE of TECHNOLOGY, ERODE-52

DEPARTMENT OF MECHANICAL ENGINEERING

2018-2019

Consultancy Work

From

Mr. P.Manickavasagam,
Head of the Department,
Department of Mechanical Engineering,
Nandha College of Technology,
Erode-638052.

To

The Secretary,
Nandha Educational Institutions,
Erode-638052.

Respected Sir,


Sub: 2018-19 – Consultancy work – Mechanical Engineering – Reg.

Work Order	COMPANY	NATURE OF WORK		FACULTY I/C	TECHNICIAN
CW 23-25	Sai Marketing	Machining		P.Manickavasagam HOD/Mech	E.Vinayagamoorthy
	Units	10,10&10	Unit cost	150,400 & 75	Total Cost
					6250

Cheque- Details


Bank	Drawee	Branch	Cheque No	Amount	Date
THE FEDERAL BANK	sai marketing	Perundurai	6498	6250	18.3.2019




Principal
Nandha College of Technology
Erode-52..

Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	P.Manickavasagam HOD/Mech
2500	3750	


Consultancy i/c
Department


Consultancy i/c
NCT


Principal


Secretary

9/5/19

Cheque

THE FEDERAL BANK LIMITED Perundurai Br. [tn]
Erode Dist - 638052
IFSC: FDRL0001803

ODCC ACCOUNT
Valid for 3 months only

OD- BLAPS-SME

18 03 20 19
D D M M Y Y Y Y

Pay **THE PRINCIPAL NANDHA COLLEGE OF TECHNOLOGY** या धारक को or Bearer
रुपये Rupees **Six Thousand Two Hundred Fifty only**

₹ 6250/-

खा. सं. A/cNo. 18035600000109

Chq.No. 10006498
SG

For SAI MARKETING

AUTHORISED SIGNATORY *[Signature]* AUTHORIZED SIGNATORY
Please sign above

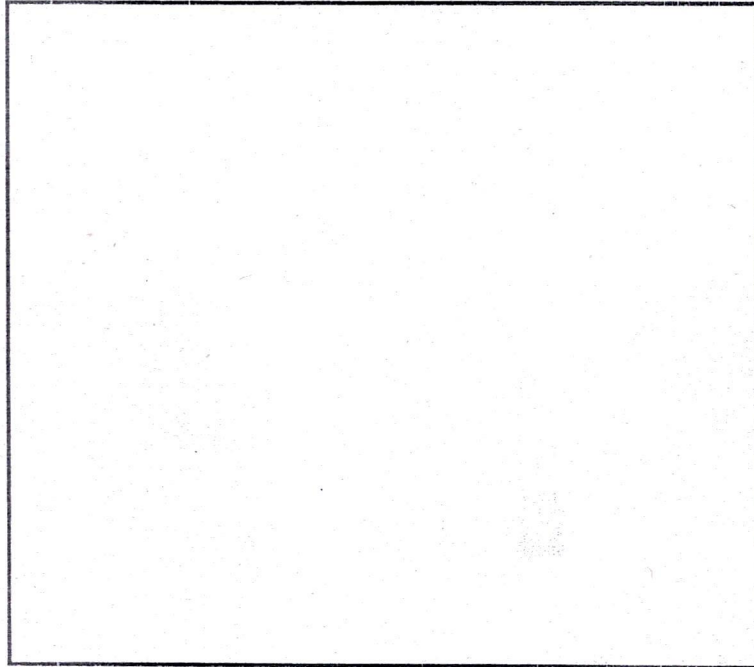
PAYABLE AT ALL BRANCHES OF FEDERAL BANK

11/2015

⑈006498⑈ 638049003⑈ 101803⑈ 30

Bank-Receipt

[Signature]
Principal
Nandha College of Technology
Erode-52





NANDHA COLLEGE of TECHNOLOGY, ERODE-52

DEPARTMENT OF MECHANICAL ENGINEERING

2018-2019

Consultancy Work

From

Mr. P.Manickavasagam,
Head of the Department,
Department of Mechanical Engineering,
Nandha College of Technology,
Erode-638052.

To

The Secretary,
Nandha Educational Institutions,
Erode-638052.

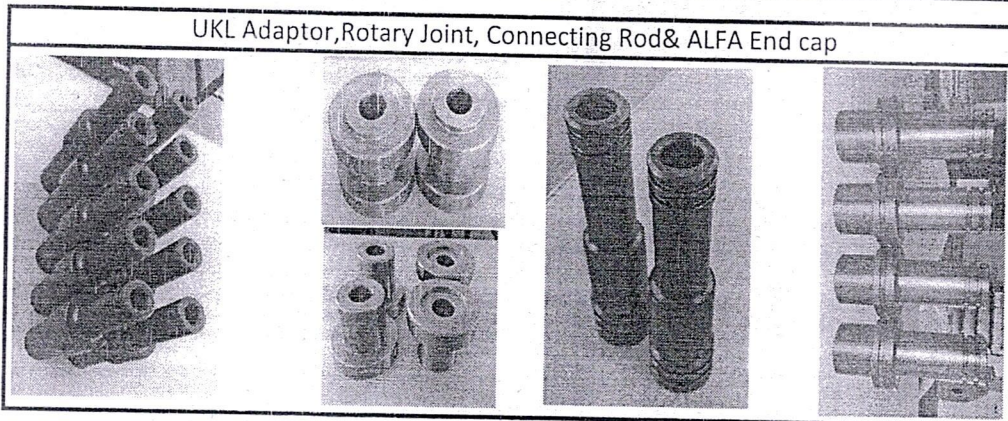
Respected Sir,


Sub: 2018-19 – Consultancy work – Mechanical Engineering – Reg.

Work Order	COMPANY	NATURE OF WORK	FACULTY I/C	TECHNICIAN
CW 26-29	Sai Marketing	Machining	P.Manickavasagam HOD/Mech	E.Vinayagamoorthy
	Units 10,6,2&4	Unit cost 75,250,80 & 80	Total Cost	2730


Cheque- Details

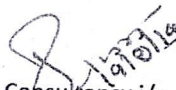
Bank	Drawee	Branch	Cheque No	Amount	Date
THE FEDERAL BANK	sai marketing	Perundurai	7068	2730	8.4.2019





Principal
Nandha College of Technology
Erode-52..

Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	P.Manickavasagam HOD/Mech
1092	1638	


Consultancy i/c
Department


Consultancy i/c
NCT


Principal


Secretary
9/5/19

1720119
 52199
 RD/TL/DL A/c No./Cr.
 Principal Nandha
 College of Technology
 Erode,
 Tamil Nadu
 673001

Cheque

THE FEDERAL BANK
 LIMITED

Perundurai Br. [tn]
 Erode Dist - 638052
 IFSC: FDRL0001803

ODCC ACCOUNT
 Valid for 3 months only
 OD- BLAPS-SME

08042019
D D M M Y Y Y Y

Pay THE PRINCIPAL NANDHA COLLEGE OF TECHNOLOGY या धारक को or Bearer

मध्ये Rupees TWO THOUSAND SEVEN HUNDRED THIRTY ONLY

अदा करें ₹ 2730/-

अ. नं. A/cNo. 18035600000109

Chq.No. 10007068
 SG

For SAI MARKETING

P. Nandha

AUTHORISED SIGNATORY
 AUTHORISED SIGNATORY
 AUTHORISED SIGNATORY
Please sign above

PAYABLE AT ALL BRANCHES OF FEDERAL BANK

⑈007068⑈ 638049003⑈ 101803⑈ 30

Bank-Receipt

வைப்புத்திட்டம் செய்தல் சீட்டு / DEPOSIT / PAY IN SLIP

இந்தியன் பேங்க்
Indian Bank
भारत का बैंक 4 YEAR ONWARD

THOTTANI

கிளை/Branch

தேதி 09/04/2019
 Date

சேமிப்புத்திட்டம், சி.சி.டி, தொட்டு/காலக்கடன்/பிளவுகடன் ஆகியவை.
 SB/CA/OD/CC/RD/TL/DL A/c No./Credit Card No.

609918152793

பெயர் /Name The Principal Nandha College

தொலைபேசி எண் /Tel. No. at Technology

தொகை / Amount 2,730/-

தொகை எழுத்து/ Rupees in words Two Thousand Seven Hundred and Thirty only

Cash/Cheque No./Date & Name Of Bank & Branch

007068 8/4/19 2730/-
The Federal Bank

தொகை / Total 2730/-

அதிகாரிகளின் கையொப்பம் /
 Officer/Cashier/SWO

இந்தியன் பேங்கின் இலவச தொலைபேசி எண்
 18004250000

Principal
Nandha College of Technology
Erode-52.



NANDHA COLLEGE of TECHNOLOGY, ERODE-52

DEPARTMENT OF MECHANICAL ENGINEERING

2018-2019

Consultancy Work

From

Mr. P.Manickavasagam,
Head of the Department,
Department of Mechanical Engineering,
Nandha College of Technology,
Erode-638052.

To

The Secretary,
Nandha Educational Institutions,
Erode-638052.

Respected Sir,

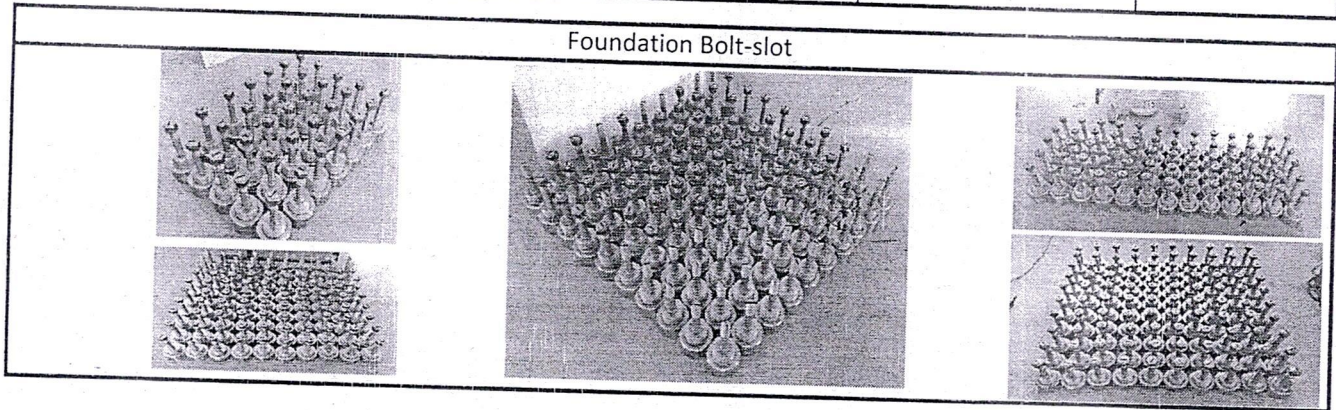
Sub: 2018-19 – Consultancy work – Mechanical Engineering – Reg.

Work Order	COMPANY	NATURE OF WORK		FACULTY I/C	TECHNICIAN
CW 30-31	Annai Lathe works	Machining		P.Manickavasagam HOD/Mech	E.Vinayagamoorthy
	Units	400	Unit cost	22	Total Cost
					8800


Cheque- Details

Bank	Drawee	Branch	Cheque No	Amount	Date
Union Bank of India	Prabhu	Perundurai	56152	8800	29.4.2019

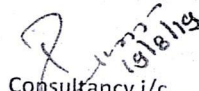
Foundation Bolt-slot




Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	P.Manickavasagam HOD/Mech
3520	5280	


Principal
Nandha College of Technology
Erode-52.


Consultancy i/c
Department


Consultancy i/c
NCT


Principal


Secretary

9/5/19

ரூபாய்/ Rupees in words
 Eight Thousand
 Only
 8800/-
 Principal
 College of Tech
 Erode
 04219

Cheque

UNION BANK OF INDIA
 பெருந்தேர் சாலை, ஏரோ கிளா - 638 052
 Perundurai Branch, Erode Dist. - 638 052
 IFS Code : UBIN0562912

VALID FOR 3 MONTHS FROM THE DATE OF ISSUE
 DATE 29/04/2019
 1HP74

PAY THE PRINCIPAL NANDHA COLLEGE OF TECHNOLOGY FOR BEARER
 ரூபாய் Eight thousand Eight hundred and 00/100
 ₹ 8800/-

A/c No. 629101010050234
 Cheque No. 02056152

For ANNAI LATHE WORKS
 R. R. R.
 Proprietor

PLEASE SIGN ABOVE THIS LINE

⑈056452⑈ 638026008⑈ 629402⑈ 29

Bank-Receipt

டீபாசிட் செய்தல் / DEPOSIT / PAY IN SLIP
 டீபாசிட் செய்தல் / DEPOSIT / PAY IN SLIP

Indian Bank
 கிளை/ Branch THOTTANI

தேதி/ Date 30/04/2019

சேமிப்பு/பிடி/ஒட்டு/கிட்டு/தொடர்/காலக்கடன்/பிரிவு/கடன் ஆட்கள் எண்.
 SB/CA/OD/CC/RD/TL/DL A/c No./Credit Card No.
 6093852793

பெயர்/ Name The Principal, Nandha
 தொழில்நுட்ப கல்லூரி/ Tel. No. College of Technology
 Erode


ரூபாய்/ Rupees in words Eight Thousand
 Eight hundred only
 Amount 8800/-

ரூபாய்/ Rupees in words Eight Thousand
 Eight hundred only

Cash/Cheque No./Date & Name of Bank & Branch
 056152 30/4/19
 Union Bank
 Perundurai

மொத்தம்/ Total

அதிகாரி/காசியர்/SWO
 1800 425 00 000


 Principal
 Nandha College of Technology
 Erode-52.



NANDHA COLLEGE of TECHNOLOGY, ERODE-52

DEPARTMENT OF MECHANICAL ENGINEERING

2018-2019

Consultancy Work

From

Mr. P.Manickavasagam,
Head of the Department,
Department of Mechanical Engineering,
Nandha College of Technology,
Erode-638052.

To

The Secretary,
Nandha Educational Institutions,
Erode-638052.

Respected Sir,

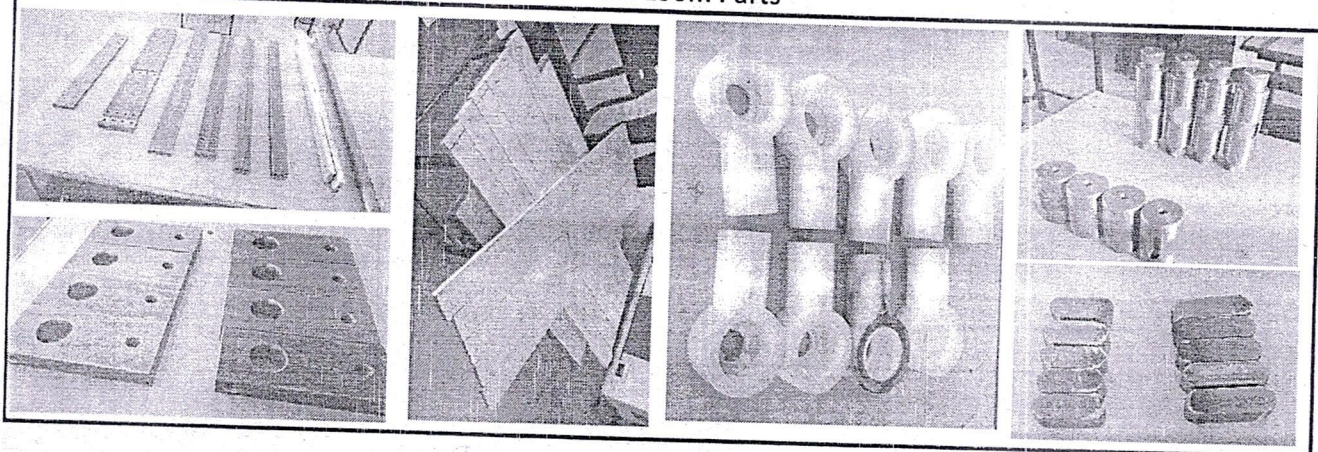
Sub: 2018-19 – Consultancy work – Mechanical Engineering – Reg.

Work Order	COMPANY	NATURE OF WORK	FACULTY I/C	TECHNICIAN
CW-32	Mass Electronics	Machining	P.Manickavasagam HOD/Mech	E.Vinayagamoorthy
	Units	Unit cost	Total Cost	5660

Cheque- Details

Bank	Drawee	Branch	Cheque No	Amount	Date
Tamilnad Mercantile Bank Ltd	Mass Electronics	Perundurai	189382	5660	1.4.2019

Power Loom Parts



Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	P.Manickavasagam HOD/Mech
2264	3396	

Principal
Nandha College of Technology
Erode-52.

Consultancy i/c
Department

Consultancy i/c
NCT

Principal
Secretary

9/9/19

Group / Name The Principal Nandha
 A/c No./Credit Card No. 6093852793
 SBCA/OD/CC/RD/TL/DL A/c No./Credit Card No. 6093852793

Cheque

TMB Tamil Nadu Bank Ltd	PERUNDURAI Branch V.R.V.COMPLEX, 21, BHA VANI ROAD, PERUNDURAI - 638052 IFS Code : TMBL0000179	Valid for three months from the date of issue. <table border="1" style="float: right;"> <tr> <td>0</td><td>1</td><td>0</td><td>4</td><td>2</td><td>0</td><td>1</td><td>9</td> </tr> <tr> <td>D</td><td>D</td><td>M</td><td>M</td><td>Y</td><td>Y</td><td>Y</td><td>Y</td> </tr> </table>	0	1	0	4	2	0	1	9	D	D	M	M	Y	Y	Y	Y
0	1	0	4	2	0	1	9											
D	D	M	M	Y	Y	Y	Y											
Pay <u>The Principal Nandha College of Technology</u>		OR BEARER या धारक को																
Rupees <u>Five thousand six hundred and Sixty</u> रुपये		अच कर् ₹ <u>5,660/-</u>																
A/c. No. <u>179150050800503</u>		Only																
Cheque No. <u>01189382</u>		For MASS ELECTRONICS Authorised Signatory																
Payable at all our branches		Please sign above																
@ 189382 @ 638050003 @ 010179 @ 29																		

Bank-Receipt

DEPOSIT / PAY IN SLIP									
Indian Bank									
Branch <u>Thal-tani</u>									
Date <u>02/04/2019</u>									
SBCA/OD/CC/RD/TL/DL A/c No./Credit Card No.									
<u>6093852793</u>									
Group / Name <u>The Principal Nandha</u>									
College of Technology									
Amount <u>5,660/-</u>									
Rupees in words <u>Five Thousand Six hundred and Sixty only</u>									
Cash/Cheque No./Date & Name Of Bank & Branch									
<table border="1" style="width: 100%; height: 40px;"> <tr> <td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td> </tr> </table>									
Total									
Officer/Cashier/SWO									
Indian Bank Toll Free 1800 425 00 000									

Principal
 Nandha College of Technology
 Erode-52..



NANDHA COLLEGE OF TECHNOLOGY, ERODE-52

DEPARTMENT OF MECHANICAL ENGINEERING

2018-2019

Consultancy Work

From

Mr. P.Manickavasagam,
Head of the Department,
Department of Mechanical Engineering,
Nandha College of Technology,
Erode-638052.

To

The Secretary,
Nandha Educational Institutions,
Erode-638052.

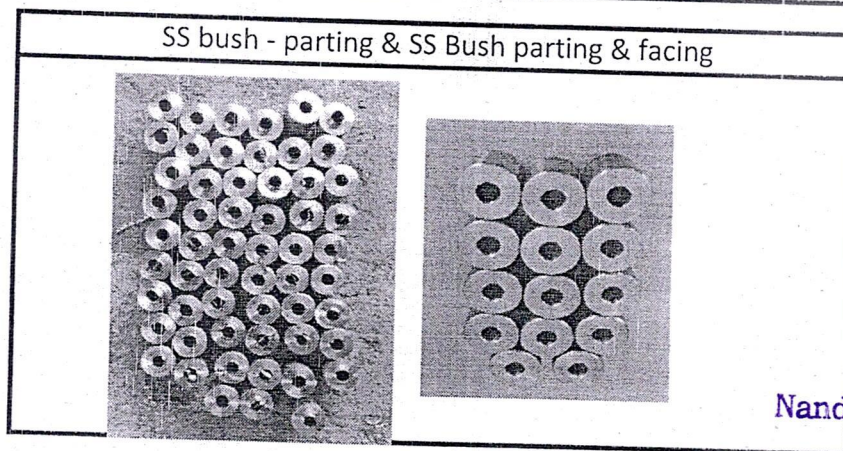
Respected Sir,


Sub: 2018-19 – Consultancy work – Mechanical Engineering – Reg.

Work Order	COMPANY		NATURE OF WORK		FACULTY I/C	TECHNICIAN
CW:33-35	VRK Industries		Machining		P.Manickavasagam HOD/Mech	P.Ramesh
	Units	60+65	Unit cost	20+40	Total Cost	3800

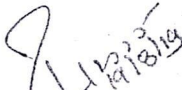
Cheque- Details

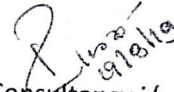
Bank	Drawee	Branch	Cheque No	Amount	Date
South Indian Bank	Managing Partner VRK Industries	Ingur	201470	3800	08.06.2019





Principal
Nandha College of Technology
Erode-52..

Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	P.Manickavasagam HOD/Mech
1520	2280	


Consultancy i/c
Department


Consultancy i/c


Principal


Secretary

9/5/19

Cheque

SOUTH INDIAN BANK
Payable at all branches

Valid for three months only

08 06 2019
D D M M Y Y Y Y

या धारक वा or Bearer

Pay The Principal Nandha College of Technology
रुपये Rupees Three Thousand and Eight hundred only

अदा करें ₹ 3,800/-

A/c. No. 0293073000000380


CD-PREMIUM

For VRK INDUSTRIES
S. [Signature]
Managing Partner
Please sign above

MCD/BB " Payable at all branches "

⑈ 201470⑈ 638059005⑈ 000380⑈ 29

Bank-Receipt


Principal
Nandha College of Technology
Erode-52.



NANDHA COLLEGE of TECHNOLOGY, ERODE-52

DEPARTMENT OF MECHANICAL ENGINEERING

2018-2019

Consultancy Work

From
Mr. P.Manickavasagam,
Head of the Department,
Department of Mechanical Engineering,
Nandha College of Technology,
Erode-638052.

To
The Secretary,
Nandha Educational Institutions,
Erode-638052.

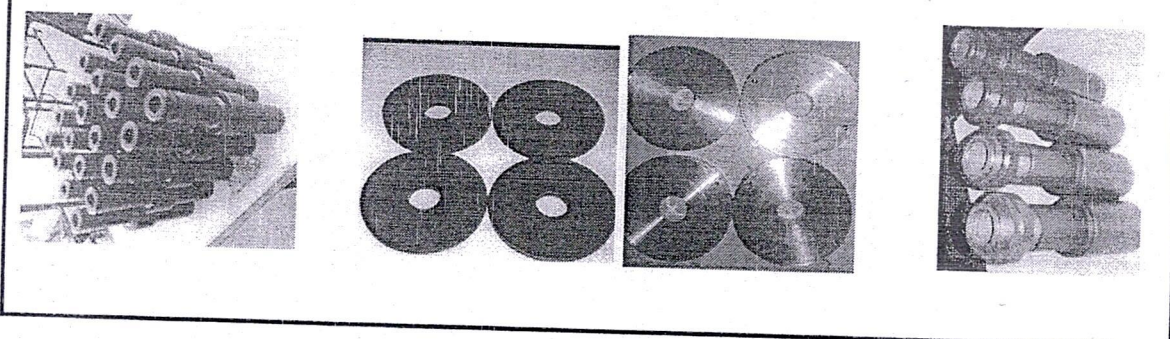
Respected Sir,
Sub: 2018-19 – Consultancy work – Mechanical Engineering – Reg.

Work Order	COMPANY	NATURE OF WORK	FACULTY I/C	TECHNICIAN
V 36-49	Sai Marketing	Machining	P.Manickavasagam HOD/Mech	E.Vinayagamoorthy, P.Ramesh
	Units 109,2,4,4 & 18	Unit cost 75,80,150,600 & 200	Total Cost	14935

Cheque- Details

Bank	Drawee	Branch	Cheque No	Amount	Date
THE FEDERAL BANK	sai marketing	Perundurai	7100	14935	29.05.2019

End cup adapter, Celling cover, Bearing cover, Permit port



Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	P.Manickavasagam HOD/Mech
5974	8961	

[Signature]
19/5/19
Consultancy i/c
Department

[Signature]
19/5/19
Consultancy i/c
NCT

[Signature]
Principal

[Signature]
Secretary
9/9/19

Principal
Nandha College of Technology
Erode-52.

14.9.31
 THE PRINCIPAL NANDHA COLLEGE OF TECHNOLOGY
 Erode Dist
 1803560000109

Cheque

FEDERAL BANK
 LIMITED

Perundurai Br. (tn)
 Erode Dist - 638052
 IFSC: FDRL0001803

ODCC ACCOUNT
 Valid for 3 months only

29052019
 D D M M Y Y

OD- BLAPS-SME

Pay THE PRINCIPAL NANDHA COLLEGE OF TECHNOLOGY धारक को or Bearer

रुपये Rupees FOURTEEN THOUSAND NINE HUNDRED THIRTY FIVE ONLY अदा करे। ₹ 14,935/-

क्र. नं. A/cNo. 1803560000109

Chq.No. 10007100
 SG

For SAI MARKETING

Signature

AUTHORISED SIGNATORY AUTHORIZED SIGNATORY
 AUTHORIZED SIGNATORY
 Please sign above

PAYABLE AT ALL BRANCHES OF FEDERAL BANK

⑈007100⑈ 638049003⑈ 101803⑈ 30

Signature
 Principal
 Nandha College of Technology
 Erode-52.

Bank-Receipt

भारतीय बैंक / DEPOSIT / PAY IN SLIP

Indian Bank THOTTANI

शाला/Branch _____

दिनांक / Date 30/05/2019

क्रेडिट कार्ड नं. / SB/CA/OD/CC/RD/TL/DL No./Credit Card No. 6093852793

नाम / Name The Principal, Nandha College of Technology

क्रेडिट कार्ड नं. / Tel. No. _____

राशि / Amount 14,935/-

रुपये / Rupees Fourteen thousand three hundred thirty five only

क्र. नं. / Cash/ Cheque No.	दिनांक / Date	राशि / Amount
100	29/5/19	14,935/-
Federal Bank		
Perundurai		
कुल / Total		14,935/-

शाला / Office / Cashier / TNO

शाला / Office / Cashier / TNO



NANDHA COLLEGE of TECHNOLOGY, ERODE-52

DEPARTMENT OF MECHANICAL ENGINEERING

2018-2019

Consultancy Work

From

Mr. P.Manickavasagam,
Head of the Department,
Department of Mechanical Engineering,
Nandha College of Technology,
Erode-638052.

To

The Secretary,
Nandha Educational Institutions,
Erode-638052.

Respected Sir,

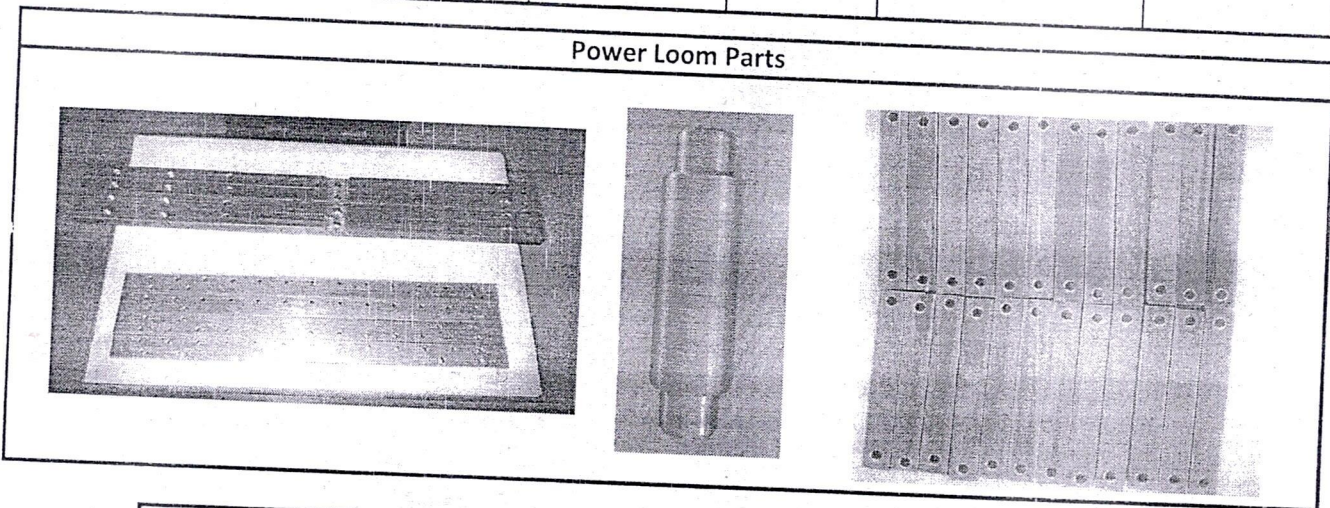
Sub: 2018-19 – Consultancy work – Mechanical Engineering – Reg.

Work Order	COMPANY	NATURE OF WORK	FACULTY I/C	TECHNICIAN
CW-50-51	Mass Electronics	Machining	P.Manickavasagam HOD/Mech	E.Vinayagamoorthy
	Units	Unit cost	2,810	Total Cost
				2810

Cheque- Details

Bank	Drawee	Branch	Cheque No	Amount	Date
Tamilnad Mercantile Bank Ltd	Mass Electronics	Perundurai	217488	2810	07.05.2019

Power Loom Parts



Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	P.Manickavasagam HOD/Mech
1124	1686	

[Signature]
Consultancy i/c
Department

[Signature]
Consultancy i/c
NCT

[Signature]
Principal

[Signature]
Secretary

[Signature]
Principal
Nandha College of Technology
Erode-52.

2181
of Nandha
College of Technology
Erode-52

Cheque

TMB Tamil Nadu Mercantile Bank Ltd
 PERUNDURAI Branch
 V R V COMPLEX 21, BHA VANI ROAD,
 PERUNDURAI - 638052
 IFS Code: TMBL000179

Valid for three months from the date of issue.
 07052019
 D D M M Y Y Y Y

Pay The Principal Nandha College of Technology OR BEARER
 या धारक को

Rupees Two Thousand Eight Hundred and Ten only अरु करै ₹ 2810/-

A/c. No. 179150050800503 Cheque No. 01217488

For MASS ELECTRONICS
R. Sathya
 Authorised Signatory

Payable at all our branches Please sign above

⑈ 217488⑈ 638060003⑈ 010179⑈ 29

Bank-Receipt

DEPOSIT / PAY IN SLIP

Indian Bank

Branch PERUNDURAI

Date 15/05/2019

Account No. 179150050800503

Amount 2810/-

Payable to The Principal Nandha College of Technology

Amount in words Two Thousand Eight Hundred and Ten only

Cash/ Cheque No. / Date & Name of Bank & Branch	01217488	2810/-
TMS		
Received by		
Total	2810/-	

Officer/Cashier/SWO

1800 425 00 690

(Signature)
 Principal
 Nandha College of Technology
 Erode-52.



NANDHA COLLEGE of TECHNOLOGY, ERODE-52

DEPARTMENT OF MECHANICAL ENGINEERING

2018-2019

Consultancy Work

From
Mr. P.Manickavasagam,
Head of the Department,
Department of Mechanical Engineering,
Nandha College of Technology,
Erode-638052.

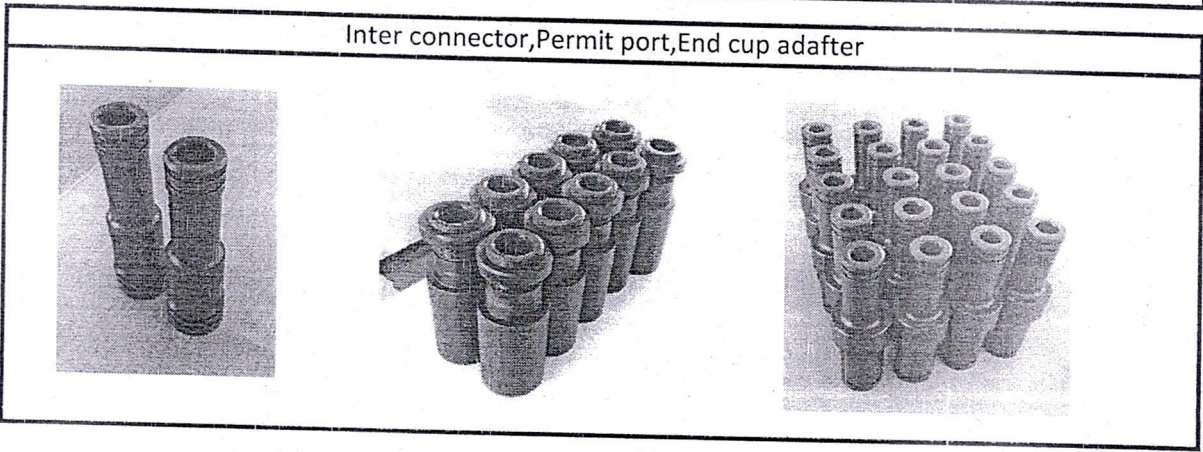
To
The Secretary,
Nandha Educational Institutions,
Erode-638052.

Respected Sir,
Sub: 2018-19 – Consultancy work – Mechanical Engineering – Reg.

Work Order	COMPANY	NATURE OF WORK	FACULTY I/C	TECHNICIAN
Cv/ 52-59	Sai Marketing	Machining	P.Manickavasagam HOD/Mech	E.Vinayagamoorthy
	Units 4,12,73	Unit cost 80,200,75	Total Cost	8195

Cheque- Details

Bank	Drawee	Branch	Cheque No	Amount	Date
THE FEDERAL BANK	sai marketing	Perundurai	7217	8195	12.06.2019



Share		
Institution	Faculty	Faculty Name with Designation
40%	60%	P.Manickavasagam HOD/Mech
3278	4917	

[Signature]
Consultancy i/c
Department

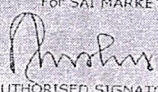
[Signature]
Consultancy i/c
NCT


[Signature]
Principal

[Signature]
Secretary
9/9/19

Principal
Nandha College of Technology
Erode-52.

Cheque

<p><small>THE</small> FEDERAL BANK <small>LIMITED</small></p>	<p>Perundurai Br. [tn] Erode Dist - 638052 IFSC: FDRL0001603</p>	<p>ODCC ACCOUNT <small>Valid for 3 months only</small></p> <p>OD- BLAPS-SME</p>	<p style="text-align: center;">1 2 0 6 2 0 1 9 <small>D D M M Y Y Y</small></p>
<p>Pay <u>THE PRINCIPAL NANDHA COLLEGE OF TECHNOLOGY</u> वा धारक को or Bearer</p>			
<p>रुपये Rupees <u>EIGHT THOUSAND ONE HUNDRED NINETY</u></p>			
<p><u>FIVE</u> only <u>only</u> अदा करे</p>			
<p>आ. नं. A/c No. <u>18035600000109</u></p>			
<p>Chq.No. 10007217 SG</p>			
<p style="text-align: right;">For SAI MARKETING  AUTHORISED SIGNATORY AUTHORISED SIGNATORY <small>Please sign above</small></p>			
<p><small>PAYABLE AT ALL BRANCHES OF FEDERAL BANK</small></p>			
<p>⑈007217⑈ 638049003⑈ 101803⑈ 30</p>			


Principal
Nandha College of Technology
Erode-52.

Bank-Receipt



NANDHA COLLEGE OF TECHNOLOGY, ERODE-52
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
2018-2019
Consultancy Work

From
Mr.N.Atthikumar,
Assistant Professor,
Department of Civil Engineering,
Nandha College of Technology,
Erode-638052.

To
The Secretary,
Nandha Educational Institutions,
Erode-638052.

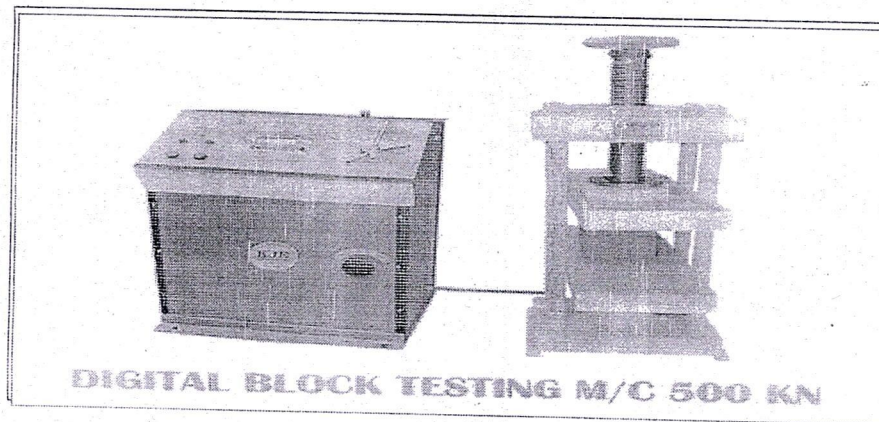
Respected Sir,
Sub: 2018-19- Consultancy work -Civil Engineering - Reg.

Work Order	COMPANY	NATURE OF WORK	FACULTY I/C
CW-01	JSW Steel	Paver Block	Mr.N.Atthikumar
Total Cost			Rs.900

Transaction- Details

Bank	Drawee	Branch	Cheque No	Amount Rs	Date
Indian Bank	JSW Steel	Erode.	471993	Rs 900/-	28-06-18


Paver Block



For P.A.
11/12/18
NCT Consultancy I/C

R. Jay
11/12/18
R&D i/c/NCT

S.
11/12/18
Principal


Principal
Nandha College of Technology
Erode-52.



NANDHA COLLEGE OF TECHNOLOGY, ERODE-52
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
2018-2019
Consultancy Work

From
Mr. N. Atthikumar,an,
Assistant Professor,
Department of Civil Engineering,
Nandha College of Technology,
Erode-638052.

To
The Secretary,
Nandha Educational Institutions,
Erode-638052.

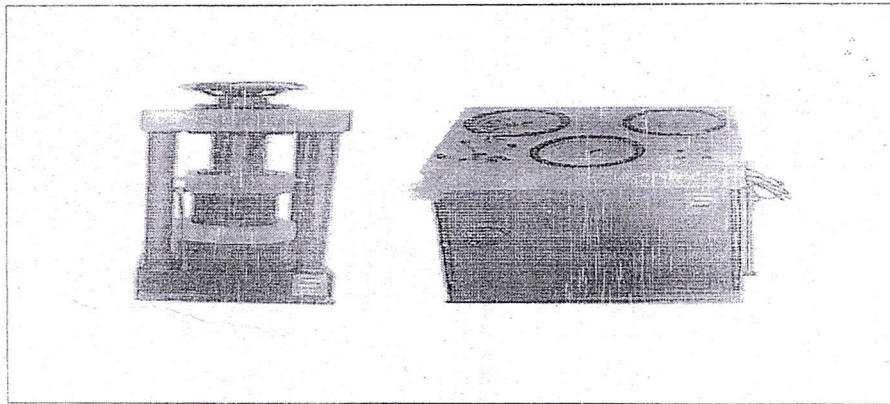
Respected Sir,
Sub: 2018-19- Consultancy work - Civil Engineering - Reg.

Work Order	COMPANY	NATURE OF WORK	FACULTY I/C
CW-02	D.S Associates	Fly Ash Bricks Test	Mr.N.Atthikumar
Total Cost			Rs.2750

Transaction- Details

Bank	Drawee	Branch	Cheque No	Amount Rs	Date
Indian Bank	D.S Associates	Erode	177566	Rs 2750/-	29-06-18

Fly Ash Bricks Test



[Signature]
11/12/18
NCT Consultancy I/C

[Signature]
11/12/18
R&D i/c/NCT

[Signature]
Principal

[Signature]
Principal
Nandha College of Technoic
Erode-52.



NANDHA COLLEGE OF TECHNOLOGY, ERODE-52
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
2018-2019
Consultancy Work

From
Mr.N.Atthikumar,
Assistant Professor,
Department of Civil Engineering,
Nandha College of Technology,
Erode-638052.

To
The Secretary,
Nandha Educational Institutions,
Erode-638052.

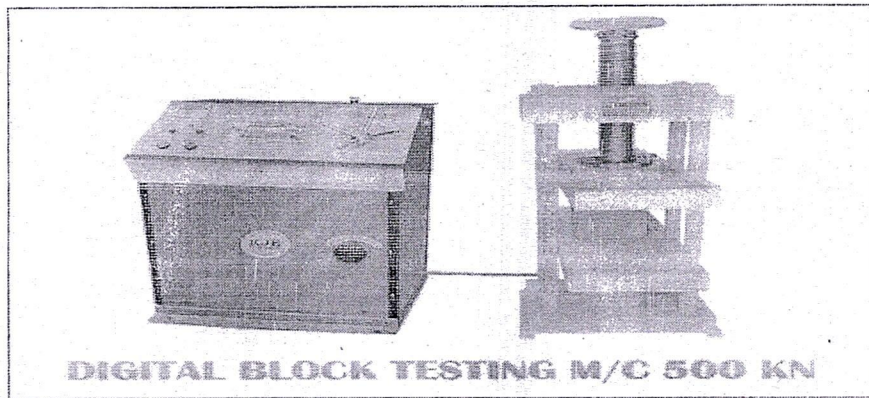
Respected Sir,
Sub: 2018-19- Consultancy work - Civil Engineering - Reg.

Work Order	COMPANY	NATURE OF WORK	FACULTY I/C	
CW-03	M.M.Contractors	Paver Block	Mr.N.Atthikumar	
			Total Cost	Rs.2500

Transaction- Details

Bank	Drawee	Branch	Cheque No	Amount Rs	Date
Indian Bank	M.M.Contractors	Erode	440111	Rs 2500/-	17-07-18

Paver Block



For P.P.
11/7/18
NCT Consultancy I/C

R. Jay
11/7/18
R&D i/c/NCT

Principal
11/7/18

Principal
Nandha College of Technology
Erode-52.



NANDHA COLLEGE OF TECHNOLOGY, ERODE-52
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
2018-2019

Consultancy Work

From
Mr.N.Atthikumar,
Assistant Professor,
Department of Civil Engineering,
Nandha College of Technology,
Erode-638052.

To
The Secretary,
Nandha Educational Institutions,
Erode-638052.

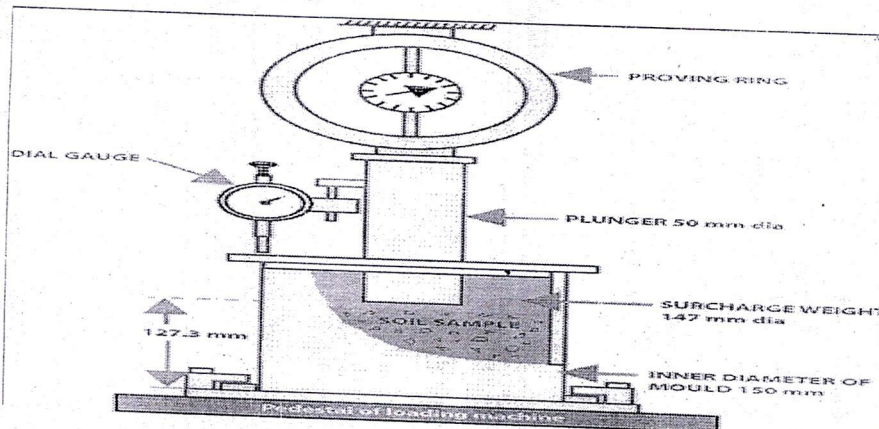
Respected Sir,
Sub: 2018-19- Consultancy work - Civil Engineering - Reg.

Work Order	COMPANY	NATURE OF WORK	FACULTY I/C	
CW-04	M.M.Contractors	CBR Tests	Mr.N.Atthikumar	
			Total Cost	Rs.1800

Transaction- Details

Bank	Drawee	Branch	Cheque.No	Amount Rs	Date
Indian Bank	M.M.Contractors	Erode	440435	Rs 1800/-	12-09-18

CBR Tests



[Signature]
11/12/18
NCT Consultancy I/C

[Signature]
11/12/18
R&D I/c/NCT

[Signature]
Principal

[Signature]
Principal
Nandha College of Technology
Erode-52.

30-04-18	30-04-18	CR INT CR		2511	323832.00Cr
MUMBAI F	ORT				
03-05-18	03-05-18	OWN CHQ XFER DP	471721	4050	327882.00Cr
07-06-18	07-06-18	DR THRU CHQ	900542	270	327612.00Cr
		C MOHANASUNDARAM			
07-06-18	07-06-18	DR THRU CHQ	900549	3240	324372.00Cr
		C MOHANASUNDARAM			
07-06-18	07-06-18	DR THRU CHQ	900550	1890	322482.00Cr
		C MOHANASUNDARAM			
07-06-18	07-06-18	DR THRU CHQ	900543	1200	321282.00Cr
		C MOHANASUNDARAM			
07-06-18	07-06-18	DR THRU CHQ	900548	720	320562.00Cr
		C MOHANASUNDARAM			
07-06-18	07-06-18	DR THRU CHQ	900545	12000	308562.00Cr
		C MOHANASUNDARAM			
07-06-18	07-06-18	DR THRU CHQ	900544	630	307932.00Cr
		C MOHANASUNDARAM			
07-06-18	07-06-18	DR THRU CHQ	900547	900	307032.00Cr
		C MOHANASUNDARAM			
21-06-18	21-06-18	BY CHEQUE TFR	900551	20000	287032.00Cr
		NANDHA COLLEGE OF TECHNOLOGY			
		CONFERENC			
22-06-18	22-06-18	BY CHEQUE TFR	900546	1662	285370.00Cr
		R GIRIMURUGAN			
28-06-18	28-06-18	OWN CHQ XFER DP	471993	900	286270.00Cr
29-06-18	29-06-18	BATCH CREDIT	177566	2750	289020.00Cr
30-06-18	30-06-18	CR INT CR		1849	290869.00Cr
		BROUGHT FORWARD			
MUMBAI F	ORT				290869.00Cr
17-07-18	17-07-18	OWN CHQ XFER DP	440111	2500	293369.00Cr
12-09-18	12-09-18	OWN CHQ XFER DP	440435	1800	295169.00Cr
30-09-18	30-09-18	CR INT CR		2587	297756.00Cr
		CLOSING BALANCE :			
		Dr. Count: 12	Cr. Count: 10	50492	297756.00Cr


 Principal
 Nandha College of Technology
 Exode-52

STATEMENT OF ACCOUNT

INDIAN BANK
THOTTANI
NANDA COLLEGE OF PHARMACY CAMPUS
PERUNDURAI MAIN ROAD
Branch Code: 1832
Phone No:
IFSC: IDIB000T137

Account No : 6093852793

Name : PRINCIPAL NANDHA COLLEGE OF TECHNOLOGY
Product : SBCHQ-GEN-PUB-SEMI URB/RUR-INR
PRINCIPAL
NANDHA COLLEGE OF TECHNOLOGY
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COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

Human Resource Development Group
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Tel : 011 2584 1037
Email: hrdg@csirhrdg.res.in, Web <http://csirhrdg.res.in>

Hemant Kulkarni
Senior Principal Scientist

Ref No. SYM/10051/18-HRD
Jan.31, 2019

Mrs Ramya Devi
Assistant Professor
Dept. of Science & Humanities
Nandha College of Technology, Perundurai Main Road
Coimbatore-638 052 Tamil Nadu 9003608274

SUBJECT: Application of Queueing Theory during Mar 21-21,2019 at Nandha College of Technology, Erode

Dear Mrs Devi


With reference to your application on the above subject, we are happy to inform you that Director General, CSIR has been pleased to sanction a grant of **Rs.20000/-** (Rupees Twenty Thousand Only) subject to the following conditions:

1. The grant received from CSIR should be duly acknowledged by email along with a certificate that the grant would be specifically utilized for the purpose for which it has been sanctioned.
2. The grant may be reimbursed within three months from the date of Conference / Seminar/ Workshop etc is over by filling-in the Grant-in-Aid Bill Form in duplicate duly signed and rubber-stamped by the concerned officials, indicating clearly the designation of the official along with Audited Statement of expenditure for release of grant (Current Proforma for Grant-in-aid bill and Audited Statement of expenditure are available on our website URL <http://csirhrdg.res.in/sy.htm>), If any Utilization Certificates of Previous Grant for symposia (as per Col.No. 16 of the Application Proforma) not submitted till date, please attach copies of Utilization Certificates also. All the pages of above documents should be self attested by the organizer.
3. Invitation cards should be sent to the Director General, CSIR and Head, HRDG. CSIR may nominate three scientists for the above event and registration fee should not be charged from them. In case of nomination, the Head, HRDG or the undersigned would issue a letter with a copy to the nominee(s).
4. Softcopy (preferably in CD/ DVD in PDF format) of the full paper proceedings of above event should be sent to the undersigned.
5. An overall activity report by the Convener / Organizing Secretary should be made available by email to us with regard to outcome of the gathering, the recommendations and plan of action for future. The names, addresses & email IDs of the participants / delegates should also be sent immediately after the event by email.

Yours sincerely,


(Hemant Kulkarni)

Copy to: Audit (EMR) HRDG


Principal
Nandha College of Technology
Erode-52.



தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம்
TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

(Established by Government of Tamilndu)

Directorate of Technical Education Campus, Chennai - 600 025

Phone : 044 - 2230 1428

Web : www.tanscst.nic.in

Telefax : 044 - 2230 1552

E-mail : enquiry.tanscst.nic.in / ms.tanscst@nic.in

DR. R. SRINIVASAN, M.Sc., Ph.D., F.I.C.S., M.A.C.S. (USA).

Member Secretary

Ref: TNSCST/PFA/SSWVR/160/2018-19/ 6735

09.05.2019

To

Mrs.S.Ananthi

Associate Professor

Dept. of Physics

Nandha College of Technology

Erode-638 052

Sir/Madam,

Sub: Partial Financial Support- "National Level Seminar on Current Trends in Materials Science" – Erode, 29.03.2019 - Approval – Reg.

Ref: Chairman approval dated 27.03.2019

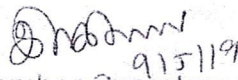
With reference to the above we are happy to inform that a sum of **Rs.15000/-** has been approved as partial financial support for the above programme. i).In case of Those programmes which are already completed, you are requested to send two copies of the programme report containing details of the programme, invitations, technical details, list of participants, photographs, press release etc., and utilization certificate to the Council within one month from the receipt of this letter.ii). In case of those programmes which are to be organized a copy of the invitation and final details of the programme may be sent to the Council. The rescheduled plan should be intimated to the Council **on or before 31.05.2019**. The grant will be released after the receipt of above materials.

Any programme material printed after the receipt of this approval should acknowledge the Council's support as "Catalyzed and financially supported by Tamilnadu State Council for Science and Technology, Dept. of Higher Education, Government of Tamilnadu".

With wishes,

Yours faithfully,


Principal
Nandha College of Technology
Erode-52A


915119
Member Secretary

Copy to:
The Principal
Nandha College of Technology
Erode-638 052



தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம்
TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

(Established by Government of Tamilnadu)

Directorate of Technical Education Campus, Chennai - 600 025

Phone : 044 - 2230 1428

Web : www.tanscst.nic.in

Telefax : 044 - 2230 1552

E-mail : ms.tanscst@nic.in/enquiry.tanscst@nic.in

DR. R. SRINIVASAN, M.Sc., Ph.D., F.I.C.S., M.A.C.S. (USA).

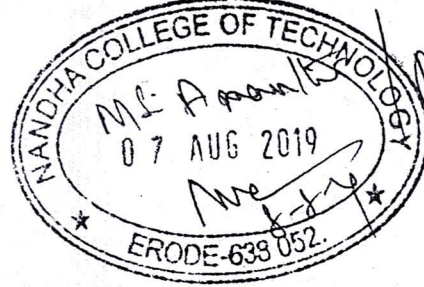
Member Secretary

Ref: TNSCST/PFA/SSW/160/VR/2018-2019

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06.08.2019

To
The Principal
Nandha College of Technology
Erode-638 052



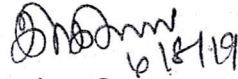
Sir/Madam,

Sub: Partial Financial Assistance – Seminar / Symposia / Workshop –
“National Level Seminar on Current Trends in Materials Science” -
Release of Grant –Reg.


Ref: Approvai letter dt. 22.11.2018

With reference to the above, please find enclosed herewith a Cheque
No.876936 dt.30.07.2019) for Rs.15000/- (Rupees Fifteen thousand only) sanctioned
towards the above programme to Mrs.S.Ananthi, Associate Professor, Dept. of
Physics, Nandha College of Technology, Erode-638 052. A Stamped receipt may be
sent in acknowledgement.

Yours faithfully,


6/8/19
Member Secretary

Copy to:
Mrs.S.Ananthi
Associate Professor
Dept. of Physics
Nandha College of Technology
Erode-638 052


Principal
Nandha College of Technology
Erode-52.

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Erode-52.

REPORT OF ONE-DAY SEMINAR/WORKSHOP ORGANISED BY CENTRES / OVERSEAS CHAPTERS

Name of Centre / Overseas Chapter:		The Institution of Engineers(India) Erode Local Centre	
Title of Activity:	Cost Effective Solution for Selection of Cloud Services Using Multi-Criteria Decision Making Model		
Activity under Divisional Board	Computer Science & Engineering Division of IE (I) with DEPARTMENT OF INFORMATION TECHNOLOGY NANDHA COLLEGE OF TECHNOLOGY		
Date:	25 July 2018	Venue:	NCT-Conference Hall

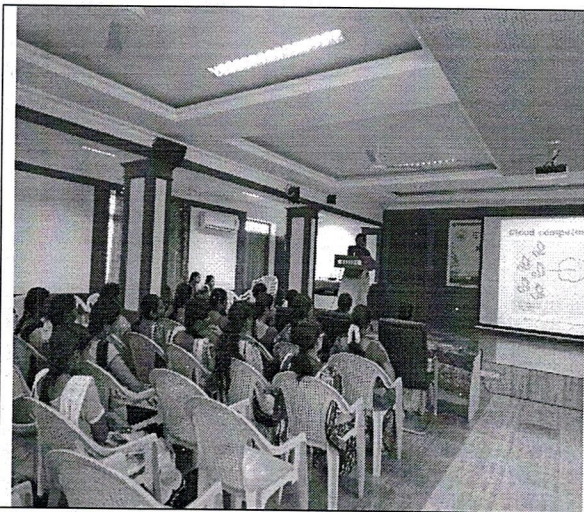


Photo of Inaugural Session with banner of IEI

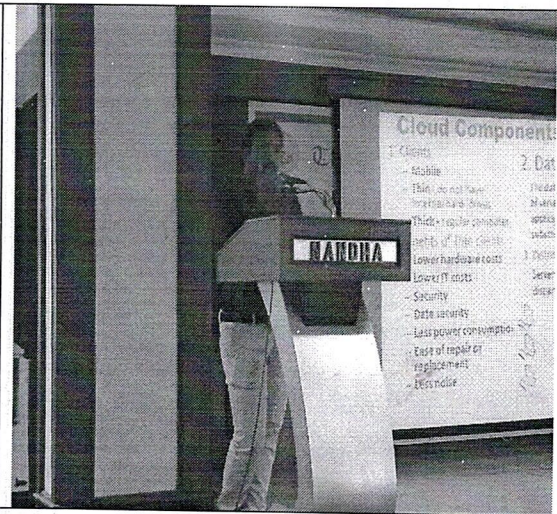


Photo of Technical Session

Report of One-Day Seminar/Workshop

Brief Details about the Programme:

Seminar will help to learn about the fundamental aspects of Cloud Computing. To Identify touch points of cloud computing that relate to Databases and the cost effective solutions for selection of cloud services for researchers, industrialists and academicians.

Details of the Sessions:

<p>Day-1 (Forenoon) Inaugural Session Inaugural programme, Two invited lectures</p>	<p>In the Inaugural function Dr.P.Saveetha, Convener and IEI student advisor welcomed the gathering Dr.R.Nallusaamy committee member IEIELC and principal NCT honoured the Chief guest with memento. The chief guest Prof.S.Jafar ali Ibrahim, Doctoral Research Fellow (Full Time) Anna University, Chennai, Department of Computer Science Engineering, Kongu Engineering College, Perundhurai.</p> <p>The forenoon lecture by JAFAR ALI IBRAHIM.S are Cloud computing is an information technology (IT) paradigm that enables ubiquitous access to shared pools of configurable system resources. Cloud computing metaphor is the group of networked elements providing services need not be individually addressed or managed by users.</p>
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<p>Day-1 (Afternoon) Technical Session I Minimum 3 papers or two invited lectures / presentations</p>	<p>The afternoon lecture by JAFAR ALI IBRAHIM.S are Multi-Attribute Decision Making is the branch of operations research which deals with decision problem, it is tool for selecting the best alternative among the number of alternatives.</p> <p>MCDM Categories</p> <ul style="list-style-type: none">• Multi-Objective Decision Making• Multi-Attribute Decision Making <p>MCDM Types</p> <ul style="list-style-type: none">• MCSP• MCMP• MAUT• Outranking
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S. Arumugam
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 Hon. Secretary
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REPORT OF ONE-DAY SEMINAR/WORKSHOP ORGANISED BY CENTRES / OVERSEAS CHAPTERS

Name of Centre / Overseas Chapter:		IE(I)-ERODE LOCAL CENTRE	
Title of Activity:		"WAVELET VIDEO PROCESSING TECHNOLOGY"	
Activity under Divisional Board		ONE DAY SEMINAR ORGANIZED BY CENTRES	
Date:	14/08/2018	Venue:	NANDHA COLLEGE OF TECHNOLOGY, - CONFERENCE HALL



Photo of Inaugural Session with banner of IEI

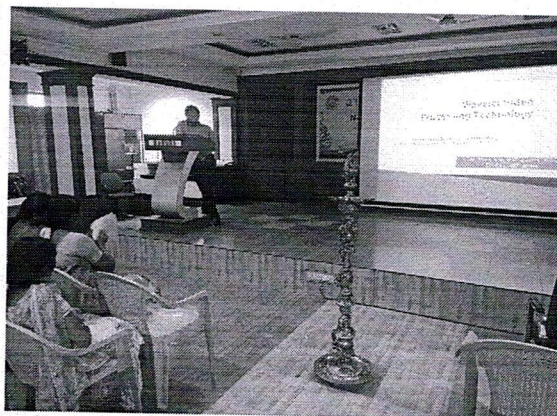


Photo of Technical Session

Report of One-Day Seminar/Workshop

Brief Details about the Programme:

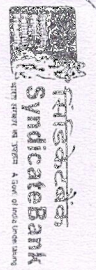
One day seminar titled "Wavelet Video Processing Technology" has been organized by Nandha College of Technology, Erode in Association with Institution of Engineers (India) on 14th August 2018. The program started with the Inaugural ceremony with the Guest speakers. Dr G.B. Mohankumar, professor and Head, Nandha College of Technology welcomed the gathering, Dr.S.Arumugam, CEO, Nandha Educational Institutions gave the presidential address, Dr.R.Nallusamy, Principal, Nandha College of Technology, & Dr C.N Marimuthu, Research & Development cell Dean, Nandha Engineering College, felicitated the gathering. The Chief guest Prof.Jafar Ali Ibrahim addressed the gathering. The session was handled by Prof R.Jayanthi, ASP/ECE & Prof. Jafar Ali Ibrahim on the topics "Learning about Wavelet Transforms and Software Toolboxes" & "Implementation of Wavelet Video Processing using MATLAB" finally the Association student secretary Ms Angeline Jenifer proposed vote of thanks to all guests and invitees.

Details of the Sessions:

Day-1 (Forenoon) Inaugural Session Inaugural programme, Two invited lectures	1. Lecture by: Dr.S.Arumugam, CEO, Nandha Educational Institutions Topic: Presidential Address & Advancement in Image Processing 2. Lecture by:Dr R.Nallusamy, Principal, Nandha College of Technology Topic: Felicitation & Latest Innovation in the field of ECE
Day-1 (Afternoon) Technical Session I Minimum 3 papers or two invited lectures / presentations	1. Paper / Lecture / Presentation by: Prof. R.Jayanthi Topic: Learning about Wavelet Transforms and Software Toolboxes 2. Paper / Lecture / Presentation by: Prof. S.Jafar Ali Ibrahim Topic: Implementation of Wavelet Video Processing using MATLAB.

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Alc. Po



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Energy Efficiency in HVAC & R Industries and Air Pollution Control Equipment

2

Unconventional Machining and Modern Production Techniques

4

Recent Trends in Renewable Energy Application & Research

5

Reports of World Water Day

6

IEI Diary

9

98 YEARS OF RELENTLESS JOURNEY TOWARDS ENGINEERING ADVANCEMENT FOR NATION-BUILDING

Volume 68

Number 2

Thirty-second National Convention of Computer Engineers, Ahmedabad

Application of IT in Rural Development

Gujarat State Centre of the Institution in association with Computer Society of India, Ahmedabad Chapter organized the Thirty-second National Convention of Computer Engineers and National Seminar on the theme 'Application of IT in Rural Development' during February 24-25, 2018 at Ahmedabad. Mr H U Kalyani, Honorary Secretary of the Centre, welcomed the dignitaries and the participants. The Guest of the function, Mr Pradep Kumar Hota, Chief General Manager, BSNL, Gujarat Circle, spoke about evolution of telecommunication engineering by connecting rural to urban areas through magic thread called optical fiber. He highlighted the importance of optical fiber for improved data operation and communication system all over the country. Mr Hota stressed on the necessity of literacy and education for social and economic development of rural India. Mr B S Patel, Chairman, Computer



Engineering Division Board, IEI, presided over the inaugural session. In his address, Mr Patel mentioned advancement of agriculture as the backbone of rural development and suggested application of Information Technology for introducing necessary improvements in agriculture and agribusiness. He stressed the need for industry-academia meet, where b2b, b2c and G2c programs using Information Technology can be discussed for creating awareness about the advantages of such applications for furtherance of existing practices. He further mentioned that ideas from start-ups make a great change in the movement of innovation and development of Nation Building which is the prime vision of IEI. Mr Sisir Kumar Banerjee, President, IEI was felicitated on this occasion. Mr Banerjee in his address, appealed to the Corporate Members, experts in the field and engineering students to be a part of Digital India, the initiative taken by Mr Narendra Modi, Hon'ble Prime Minister of India. He further deliberated on the importance of technical education and open source and distance learning processes for bridging the social and educational gap. Mr Banerjee also highlighted the importance of ICT and remote sensing application for the development of agriculture and rural areas.

Contd. on page 2

From the President's Desk.....



The pace of development and technological inputs in the globalised economy, are changing rapidly. Knowledge, skill and expertise need constant updating with the advent of newer state-of-the-art technologies providing competitive and smarter products to the consumers. In order to bridge the gap between

the requirement and availability of highly specialised and trained manpower in emerging areas of technology, engineers require to update their knowledge and competence at regular intervals. Continuous skill development is thus, not optional any more but a definite necessity.

IEI organises technical activities regularly through State and Local Centres all over the country to facilitate skill development and knowledge updating in various emerging areas of cutting edge technologies. In addition to Seminars and National Conventions, the Centres of the Institution also organise statutory days, viz. World Water Day, World Telecommunication and Information Society Day, World Environment Day, Engineers' Day, World Habitat Day, World Standards Day, etc on themes of topical interest. Participation in these technical activities not only enhances knowledge levels but also provides a platform to interact with fellow engineers and other stakeholders and share experience for mutual benefits.

Our members will be happy to note that The Institution of Engineers (India) has launched a pioneering cloud-based platform named 'ENGGTALKS' for technical networking, collaboration and community learning which will help us to strengthen the engineering ecosystem through technical collaboration among geographically separated members across academia and industry. I request our members to join the platform by signing in through IEI website (www.ieindia.org) using membership number and password) and avail the benefits of 'ENGGTALKS'.

Pursuant to our constant and persistent effort towards making IEI Journals world class, we are proud to inform that all the five series of journals of The Institution of Engineers (India), which were already approved by UGC, are now Scopus Indexed.

To improve the content and quality of the Journals of IEI, an Editors' Meet was held at IIT Delhi on April 28, 2018. Editors and Associate Editors of the five series of journals attended the meet along with representatives of Springer (India) Pvt. Ltd. It was heartening to note that the Chief Editors and Associate Editors are rendering yeomen service to improve the quality of our journals.

I invite suggestions from you towards further enhancing the services we provide to the engineering fraternity.

Energy Efficiency in HVAC & R Industries and Air Pollution Control Equipment

Jharkhand State Centre of the Institution in collaboration with ISHRAE, Ranchi Chapter organized a two-day All India Seminar on the theme 'Energy Efficiency in HVAC & R Industries and Air Pollution Control Equipment' under the aegis of Environmental Engineering Division, IEI during February 10-11, 2018 at Ranchi. Mr P K Kar, Executive Director (Projects), MECON Limited, graced the occasion as the Chief Guest. Mr Kar, in his address, lauded the efforts of organizers for conducting Seminar on such an important topic. He further elaborated the role of MECON in optimising energy usage in various fields. Mr S K Verma, General Manager (Marketing), MECON Limited, graced the occasion as the Guest-of-Honour. Mr Verma, in his speech, spoke about energy requirements of HVAC industry and narrated the efforts taken by steel industry in conservation of energy. Earlier, Mr Sanjay Sen, Chairman of the Centre, in his welcome address, emphasized that the energy efficiency in iron and steel industry is a major challenge and needs to be matched with bench marks in the energy usage. Mr Anujeet Rituraj, Organizing Secretary of the event, presented a brief account of the Seminar and technical sessions. Mr S Ganesh, President, ISHRAE, Ranchi Chapter, presented a brief introduction about the aim and activities of the Seminar. Mr Deepak Barma, Past National President, ISHRAE, highlighted

the initiatives taken by ISHRAE on raising energy efficiency in HVAC equipment. Mr M R Kumar, Honorary Secretary of the Centre, proposed the vote of thanks. Papers embracing the theme of the Seminar were presented and discussed during technical sessions. Mr S P Sharma, presented paper on 'HVAC & R Systems Integrated with Clean Air Technologies'. He shared his knowledge on various pollution control technologies of NTPC. Mr Uma Shankar Chakravarty from M/s ECODEA, presented the offerings on cold fog system along with description on technological aspects and its various installations. Dr (Ms) Richa Pandey, in her presentation on 'Design 7 Development of Low Cost Automated Sprinkler Irrigation System for Rural Areas', explained various types of irrigation methods and highlighted the benefits of using sprinkler method. Dr S K Mishra, CMO, Ispat Hospital, in his presentation, discussed various aspects of air-conditioning in hospitals in general and operation theatre in particular.



Application of IT in Rural Development

Contd. from page 1

Mr Sandeep B Vasava, Chairman of the Centre and Dr Nilesh Modi, Assistant Director, BAOU also attended the inaugural session. On this occasion, four Eminent Engineering Personalities, namely, Dr Anirban Basu, Research Professor, Computer Science & Engineering, Consultant to PQR Software, Bangalore; Dr Manpreet Singh Manna, Director, SWAYAM & PMSSS and In-charge of Parliament Cell, All India Council for Technical Education, Ministry of HRD, Govt. of India, New Delhi; Dr K S Dasgupta, Director, Dhirubhai Ambani Institute of Information and Communication Technology, Gandhinagar, Gujarat and Dr Srinivas Padmanabhuni, Co-Founder, City Mandi and Chief Mentor, Tarah Technologies, Bangalore, were felicitated for their valuable contributions to the profession of Computer Engineering. The 'IEI Young Engineers Award' in Computer Engineering for the year 2017-18 was presented to Dr Amol Dnyaneshwar Potgantwar, Dean, IPR and Head of the Department, Computer Engineering and Information Technology Department, Sandip Institute of Technology and Research Centre, Nashik; Dr Saptarshi Ghosh, Assistant Professor, Department of Computer Science and Engineering, Indian Institute of Technology Kharagpur and Dr R Dhaya, Associate Professor, Department of Computer Science and Engineering, Rajalakshmi Engineering College, Chennai (in absentia). Dr Samir Patel, Vice Chairman, Computer Society of India, Ahmedabad Chapter, proposed the vote of thanks. The prestigious M S Ramanujan Memorial Lecture was delivered by Dr Narottam Sahoo, Advisor & Member Secretary, Gujarat

Council on Science and Technology, Department of Science & Technology, Govt. of Gujarat, Gandhinagar. He expressed his views about the role of IT in rural development. Mr G C Jain, MD, MCBS, and a renowned industrialist delivered a technical talk on the topic 'Hybrid Media Technology Based Education and Multimedia Communication (EMCS) System for Rural and Remote Areas'. He elaborated on satellite based communication using V-SAT/SIT (Very Small Aperture Satellite Terminal or Satellite Interactive System) and satellite based broadcasting system, like Direct to Home (DTH) -- their advantages and challenges. Mr Jain further mentioned the role of ISRO in satellites communications and various remote sensing methods which are useful for agriculture, education, commerce and overall rural development. Dr Sanjay Chaudhary, Professor and Associate Dean, School of Engineering and Applied Science, Ahmedabad University, delivered a technical talk on 'Agro Advisory System'. He mentioned that in agricultural domain, ICT can play a major role to improve the agricultural practices and production. He felt that an agro advisory system can help in bridging the gap between farmers and the agriculture domain experts. Dr Chaudhary briefed about different web portals and databases provided by the Government to help the farmers regarding weather data, soil health records, cropping pattern, location specific crop disease and pest etc. On this occasion, a 'Panel Discussion' was also organized where experts in the field took active participation. Presentation of papers and invited lectures embracing the theme of the National Seminar, took place during the technical sessions.



Shivajinagar, Pune 411005, Maharashtra [☎: 020-25533376 / 25520239 / 25530150; e-mail: punelc@ieindia.org]

Computer Engineering Division

All India Seminar on “Python Programming for IoT”

Kanchepuram, June 21-22, 2018
The Honorary Secretary, IEI, Kanchepuram Local Centre, Agni College of Technology – ACT, Old Mahabalipuram Road, Thalambur, Chennai 600130 [e-mail: kanchepuramlc@ieindia.org]

All India Seminar on “Data Analytics using R Language”

Erode, June 28-29, 2018
The Honorary Secretary, IEI, Erode Local Centre, Texvalley Campus, Gangapuram, Erode 638102 [e-mail: erodelc@ieindia.org]

One Day Workshop on “Machine Learning Using Python”

Kanchepuram, July 04, 2018
The Honorary Secretary, IEI, Kanchepuram Local Centre, Agni College of Technology – ACT, Old Mahabalipuram Road, Thalambur, Chennai 600130 [e-mail: kanchepuramlc@ieindia.org]

One Day Seminar on “Cost Effective Solutions for Selection of Cloud Services Using Multi-Criteria Decision-Making Model”

Erode, July 25, 2018
The Honorary Secretary, IEI, Erode Local Centre, Texvalley Campus, Gangapuram, Erode 638102 [e-mail: erodelc@ieindia.org]

One Day Workshop on “Wireless Sensor Networks”

Chandigarh, August 17, 2018
The Honorary Secretary, IEI, Punjab & Chandigarh State Centre, Madhya Marg, Sector 19-A, Chandigarh 160019 [☎: (0172) 2775418; Fax: (0172)2540133; e-mail: pcsc@ieindia.org]

All India Seminar on “Recent Trends in Image Processing”

Chandigarh, October 22-23, 2018
The Honorary Secretary, IEI, Punjab & Chandigarh State Centre, Madhya Marg, Sector 19-A, Chandigarh 160019 [☎: (0172) 2775418; Fax: (0172)2540133; e-mail: pcsc@ieindia.org]

Thirty-third National Convention of Computer Engineers on “Computer Cognitions and Intelligent Systems”

Ghaziabad, February 15-16, 2019
The Honorary Secretary, IEI, Ghaziabad Local Centre, 15 Shopping Complex, ALTT Centre, Rajnagar, Ghaziabad 201002 [☎: 0120-2728699/2702673; e-mail: ghaziabadlc@ieindia.org]

Electrical Engineering Division

All India Workshop “Challenges of Integrating Wind & Solar into the Electric Grid using Information Communication”

Tiruvallur, June 08-09, 2018
The Honorary Secretary, IEI, Tiruvallur Local Centre, Dr MGR Educational and Research Institute University, Periyar EVR High Road (NH 4 Highway), Maduravoyal, Chennai 600 095 [e-mail: tiruvalluric@ieindia.org]

One Day Seminar on “Smart Grid Technologies and Indian Power Scenario”

South Gujarat, June 23, 2018
The Honorary Secretary, IEI, South Gujarat Local Centre, Mahida Bhavan, Ichchhanath, Surat 395 007 [☎: 0261-2227340; e-mail: sgic@ieindia.org]

One Day Seminar on “Evolution of Fuel Cell Technology in Autonomous Vehicles using Internet of Vehicles (IoV)”

Salem, July 27, 2018
The Honorary Secretary, IEI, Salem Local Centre, 3rd Floor, SPC Bhawan, No.104/7, Manivannan Street, Opp to Salem New Bus Stand, Salem 636004, Tamilnadu [☎: (0427) 2332544; e-mail: salemic@ieindia.org]

All India Seminar on “Renewable Energy for Sustainable Development”

Ghaziabad, July 27-28, 2018
The Honorary Secretary, IEI, Ghaziabad Local Centre, 15 Shopping Complex, ALTT Centre, Raj Nagar, Ghaziabad 201002 [☎: 0120-2702673; e-mail: ghaziabadlc@ieindia.org]

One Day Workshop on “Designing of Embedded Systems using Arduino”

Salem, August 17, 2018
The Honorary Secretary, IEI, Salem Local Centre, 3rd Floor, SPC Bhawan, No.104/7, Manivannan Street, Opp to Salem New Bus Stand, Salem 636004, Tamilnadu [☎: (0427) 2332544; e-mail: salemic@ieindia.org]

All India Seminar on “Energy Management and Audit”

Vallabh Vidyanagar, September 23-24, 2018
The Honorary Secretary, IEI, Gujarat State Centre, Bhaikaka Bhavan, Law College Road, Ahmedabad 380 006 [☎: 079-26400811; Fax: 079-26561825; e-mail: gujaratssc@ieindia.org]

International Conference on “Recent Developments in Clean and Safe Nuclear Power Generation”

Hyderabad, October 03-05, 2018
The Honorary Secretary, IEI, Telangana State Centre, Visvesvaraya Bhavan, Khairatabad, Hyderabad 500004, Telangana [☎: 040-233114969; e-mail: telanganasc@ieindia.org; website: www.ieitssc.org]

Thirty-fourth National Convention of Electrical Engineers on “Recent Advancement in High Voltage Direct Current (HVDC) Transmission”

Agartala, November 10-11, 2018
The Honorary Secretary, IEI, Tripura State Centre, Pandit Nehru Complex, Near Tripura Housing Board, PO : Kunjaban, PB No. 139, Agartala 799006, Telefax : 0381-2304700 [email : tripurasc@ieindia.org]

All India Seminar on “Renewable Energy Technologies: Perspectives and Challenges”

Chandigarh, November 16-17, 2018
The Honorary Secretary, IEI, Punjab & Chandigarh State Centre, Sector 19A Madhya Marg, Chandigarh 160 019 [☎: 0172-2775418; Fax: 0172-2540133; e-mail: pcsc@ieindia.org]

Electronics & Telecom. Engg. Division

All India Workshop on “Internet of Things through Long-term Evolution Network”

Kanchepuram, July 23-24, 2018
The Honorary Secretary, IEI, Kanchepuram Local Centre, Agni College of Technology – ACT, Old Mahabalipuram Road, Thalambur, Chennai 600130 [e-mail: kanchepuramlc@ieindia.org]

One Day Seminar on “Wavelet Video Processing Technology”

Erode, August 14, 2018
The Honorary Secretary, IEI, Erode Local Centre, Texvalley Campus, Gangapuram, Erode 638102 [e-mail: erodelc@ieindia.org]

All India Workshop on “Advance Wireless Communication and Its Implications”

Chandigarh, September 10-14, 2018
The Honorary Secretary, IEI, Punjab & Chandigarh State Centre, Sector 19A Madhya Marg, Chandigarh 160 019 [☎: 0172-2775418; Fax: 0172-2540133; e-mail: pcsc@ieindia.org]

All India Seminar on “Role of Embedded System in Wireless Sensor Networks”

Chandigarh, October 12-13, 2018
The Honorary Secretary, IEI, Punjab & Chandigarh State Centre, Sector 19A Madhya Marg, Chandigarh 160 019 [☎: 0172-2775418; Fax: 0172-2540133; e-mail: pcsc@ieindia.org]

Thirty-fourth National Convention of Electronics & Telecommunication Engineers on “Intelligent Telecommunication Networks for Sustainable Growth”

Ghaziabad, October 21-22, 2018
The Honorary Secretary, IEI, Ghaziabad Local Centre, 15 Shopping Complex, ALTT Centre, Rajnagar, Ghaziabad 201002 [☎: 0120-2728699/2702673; e-mail: ghaziabadlc@ieindia.org]

Thirty-fifth National Convention of Electronics & Telecommunication Engineers on “Mechatronics: Bridge between Technologies”

Pune, November 23-24, 2019
The Honorary Secretary, IEI, Pune Local Centre, Abhyanta Bhavan, 1332, J M Road,



Shivajinagar, Pune 411005, Maharashtra [☎: 020-25533376 / 25520239 / 25530150; e-mail: punelc@ieindia.org]

Environmental Engineering Division

One Day Workshop on "Implementation of Hazardous Waste (M&TB)"

Ahmedabad, June 09, 2018

The Honorary Secretary, IEI, Gujarat State Centre, Bhaikaka Bhavan, Near Law Garden, Law College Road, Ellisbridge, Ahmedabad 380006 [☎: (079) 26400811; Telefax: (079) 26561825; e-mail: gujaratsec@ieindia.org]

One Day Seminar on "Environmental Pollution and Management"

Aurangabad, August 08, 2018

The Honorary Secretary, IEI, Aurangabad Local Centre, Railway Station Road, Osmanpura, Aurangabad 431005 [Fax: (0240) 2325621; e-mail: aurangabadlc@ieindia.org]

Thirty-fourth National Convention of Environmental Engineers on "Environmental Pollution and Climate Change"

New Delhi, August 10-11, 2018

The Honorary Secretary, IEI, Delhi State Centre, Engineers Bhawan, Bahadur Shah Zafar Marg, New Delhi 110002 [☎: (011) 23379052/23379948; Fax: (011) 23370489; e-mail: delhisc@ieindia.org]

All India Seminar on "Advanced Techniques for Sustainable Solid Waste Management for Green India"

Erode, October 4-5, 2018

The Honorary Secretary, IEI, Erode Local Centre, Texvalley Campus, Gangapuram, Erode 638102 [e-mail: erodelc@ieindia.org]

All India Seminar on "Sources of Planet Energy, Environmental & Disaster Science: Climate Disturbances & its Global Impact"

Lucknow, October 27-28, 2018

The Honorary Secretary, IEI, Uttar Pradesh State Centre, Engineers Bhawan River, Bank Colony Lucknow 226 018 [Telefax: (0522) 2625322; e-mail: upsc@ieindia.org, website: www.ieiup.org.in]

Marine Engineering Division

Thirty-second National Convention of Marine Engineers on "Indian Maritime Sector – An Ocean of Opportunities"

Chennai, August 16-18, 2018

The Honorary Secretary, IEI, Tamilnadu State Centre, 19 Swami Sivananda Salai, Chepauk, Chennai 600005 [☎: (044) 25360614/64998729; e-mail: tnscc@ieindia.org]

Mechanical Engineering Division

One Day Workshop on "Gearing and Bearing of Bulk and Unit Material Handling"

Ranchi, June 23, 2018

The Honorary Secretary, IEI, Jharkhand State

Centre, Engineer Bhawan, Nepal Kothi Campus, Ranchi 834002 [☎: (0651) 2491344; web: ieijsc.org; e-mail: jharkhandsc@ieindia.org]

One Day Seminar on "Recent Trends in Condition Monitoring of Rotating Equipment in Steel, Mines and Power"

Durgapur, July 15, 2018

The Honorary Secretary, IEI, Durgapur Local Centre, Nehru Avenue, 'B' Zone, Durgapur 713205 [Telefax: 0343-2564770; e-mail: ieidurgapurlc@ieindia.org]

All India Seminar on "Optimization Techniques in Mechanical Engineering"

Chandigarh, July 26-27, 2018

The Honorary Secretary, IEI, Punjab & Chandigarh State Centre, Sector 19A Madhya Marg, Chandigarh 160 019 [☎: 0172-2775418; Fax: 0172-2540133; e-mail: pcsc@ieindia.org]

Thirty-fourth National Convention of Mechanical Engineers on "Mechanical Engineering and Emerging Challenges for Manufacturing"

Delhi, September 07-08, 2018

The Honorary Secretary, IEI, Delhi State Centre, Engineers Bhawan, Bahadur Shah Zafar Marg, New Delhi 110002 [☎: (011) 23379052/23379948; Fax: (011) 23370489; e-mail: delhisc@ieindia.org]

All India Workshop on "Micro-machining"

Chandigarh, September 18-19, 2018

The Honorary Secretary, IEI, Punjab & Chandigarh State Centre, Sector 19A Madhya Marg, Chandigarh 160 019 [☎: 0172-2775418; Fax: 0172-2540133; e-mail: pcsc@ieindia.org]

Thirty-fifth National Convention of Mechanical Engineers, on "Exploring Trends and Developments in Automobile Engineering"

Hosur, September 13-14, 2019

The Honorary Secretary, IEI, Hosur Local Centre, No.69, Kamaraj Nagar, Kumudepalli, Near Adhiyamaan College of Engineering, Tamilnadu, Hosur 635109 [e-mail: hosurlc@ieindia.org]

Thirty-sixth National Convention of Mechanical Engineers, on "Innovations in Thermal Science and Engineering"

Agartala, September 05-06, 2020

The Honorary Secretary, IEI, Tripura State Centre, Pandit Nehru Complex, Near Tripura Housing Board, P. O. Kunjaban, PB No 139, Agartala 799 006 [☎: 0381-2304700; Fax: 0381-2304700; e-mail: tripurasc@ieindia.org]

Metallurgical & Materials Engg. Division

All India Seminar on "Advances in Metallurgy and Manufacturing Processes"

Hyderabad, July 13-14, 2018

The Honorary Secretary, IEI, Telangana State

Centre, Visvesvaraya Bhavan, Khairatabad, Hyderabad 500004, Telangana [☎: 040-233114969; e-mail: telanganasc@ieindia.org; website: www.ieitssc.org]

One Day Seminar on "Green Polymer Composite and its Applications"

Kolkata, July 25, 2018

The Honorary Secretary, IEI, West Bengal State Centre, 8 Gokhale Road, Kolkata 700020 [☎: (033)22238914; Fax: (033) 22233140; e-mail: wbsc@ieindia.org]

Thirty-second National Convention of Metallurgical & Materials Engineers, on "Major Advances and Sustainable Developments in Materials and Metallurgical Engineering"

Jamshedpur, January 17-19, 2019

The Honorary Secretary, IEI, Jamshedpur Local Centre, Subarnarekha Link Sakchi, Jamshedpur 831 001 [☎: 0657-2234316; Fax: 0657-2230159; e-mail: jamshedpurc@ieindia.org]

Mining Engineering Division

All India Seminar on "Emerging Mining Methods and Machinery"

Dhanbad, August 24-25, 2018

The Honorary Secretary, IEI, Dhanbad Local Centre, Veena Engineers' Building, Golf Ground, Dhanbad 826001 [e-mail: dhanbadlc@ieindia.org]

Textile Engineering Division

All India Seminar on "Quality Evaluation Methods for Textiles"

Kolhapur, July 24-25, 2018

The Honorary Secretary, IEI, Kolhapur Local Centre, C/O Executive Engineer Minor Irrigation Division Sinchan Bhavan Tarabai Park, Kolhapur 416 003 [Mobile: 9422625485; e-mail: kolhapurc@ieindia.org]

Interdisciplinary Coordination Committee

International Conference on "Emerging Technologies for Sustainable and Intelligent Technologies for HVAC & R Systems"

Kolkata, July 27-28, 2018

The Honorary Secretary, IEI, West Bengal State Centre, 8 Gokhale Road, Kolkata 700020 [☎: (033)22238914; Fax: (033) 22233140; e-mail: wbsc@ieindia.org]

National Languages Promotional Comm.

All India Seminar on "Harit Evam Swachh Urja Ka Nirman Ke Upyog"

Lucknow, August 25-26, 2018

The Honorary Secretary, IEI, Uttar Pradesh State Centre, Engineers Bhawan River, Bank Colony Lucknow 226 018 [Telefax: (0522) 2625322; e-mail: upsc@ieindia.org, website: www.ieiup.org.in]