

## Entrepreneurship Awareness Program

Date: 04/11/2017 AN

Venue: Seminar Hall , CSE Dept.



Entrepreneurship Development Club of Jyothi Engineering College has been registered with the Directorate of Industries & Commerce under the Entrepreneurship Development club programme of the Department of Industries & Commerce, Govt. of Kerala from 11/10/2017. The IEDC of Jyothi Engineering College conducted two hour awareness talk program on "Entrepreneurship" for our students in association with District Industries Centre, Govt. of Kerala on 04/11/2017. It has conducted in Seminar Hall of Computer Science & Engineering, about 46 students participated. The Resource persons for the talk were Mr. Pranab G, Asst. District Industries Officer, DIC, Thrissur, Mr. K.G. Viswambaran, Asst. District Industries Officer, Taluk Industries Office, Thalappally, Mr. Raju P.A, Industries Extension Officer, Payyannur Block.



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*[Signature]*

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## Ideation

**Date: 07/10/2017**

**Venue: EEE Seminar Hall, Jyothi Engineering College**

As part of the selection process for best ideas to be presented at INNOVATE an initiative by A P J Abdul Kalam Technological University for their technological fest KETKON to find the best solutions to the problems faced in the society in which IEDC collaborated with IEEE in hosting the event. The Ideation was judged by Fr.Dr.A K George, Mr. Biju C V, Dr. Anitha Jacob and Mr. Dany Varghese. The top 5 ideas selected from the college out of the 30 ideas screened were:

1. Agni :Fire extinguisher robot
2. Smart Water Irrigation System
3. Smart medicare system
4. Deafado: A best friend indeed
5. Ojus: A smart guidance system for the blind.



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## i. Smart Water Irrigation System

1. Joseph P K - s3 eee
2. Giyo George K
3. Akhil James K
4. Edwin Joseph
5. Athira P Arjun

## ii. Smart Medicare for Patients

1. Prashob K P s3ece
2. Olivia Nelson s3ece
3. Anjana K p s5ece
4. Blessy Babu s5ece
5. Disni Jose s5ece

## iii. Deafado a Best Friend in Need

1. Nima Joshy s5ece
2. Ritta Joy
3. Nikeeta Saji
4. Aquila Thomas

## iv. Agni Fire Extuguisher Robot

1. Shijith M.S. s3cse
2. Jeswin James k
3. Roy Eluvathingal
4. Rahul nair
5. Mathews jos

## v. Ojus: Smart Guidance system for the Blind

1. Vishnu K, S5CSEB
2. Surya R
3. Sophy Shaju
4. Noel Vincent

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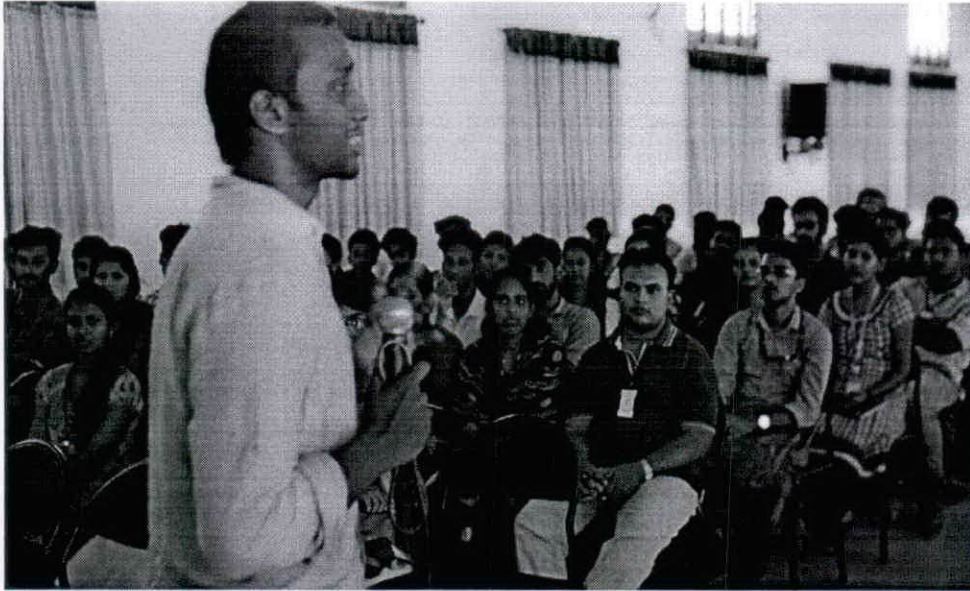
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## Bootcamp #outofsyllabus

Date: 23/09/2017

Venue: EAB 415 Hall



The IEDC of Jyothi Engineering College conducted “KSIDC KSUM boot camp #outofsyllabus program by Openfuel and Channel Iam” for our students in association with CESA on 23/09/2017 AN in the EAB415 Hall. The program was also partnered by Amazon Web Services(AWS) and Makemytrip. The workshop gave important of being different from the crowd and being original in doing to instill entrepreneurship in young minds. The workshop #outofsyllabus was conducted by Mr. Rohith Radhakrishnan, Co-founder of Openfuel with assistance from KSUM.



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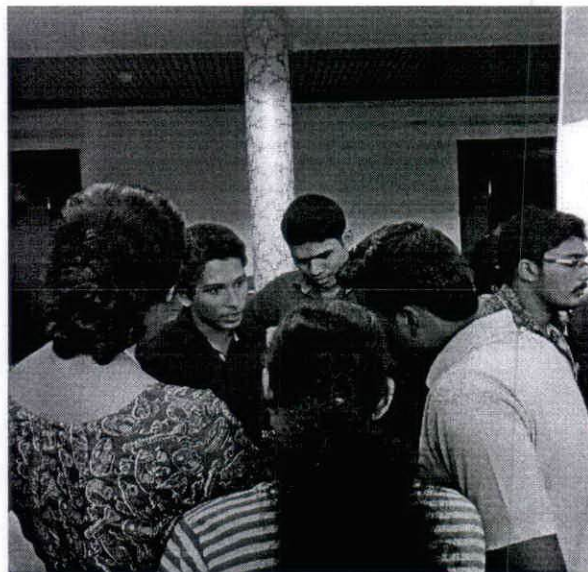
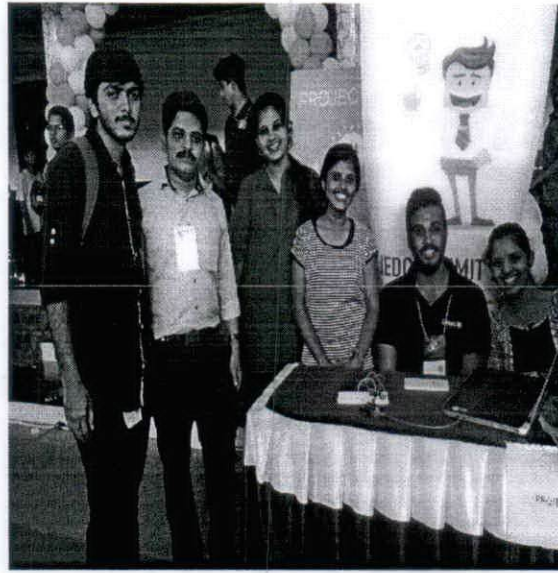
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## IEDC SUMMIT 2017

Date: 19/08/2017

Venue: Adlux Convention Centre, Angamaly



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Kerala's Largest Summit for aspiring Student Entrepreneurs happened to held on 19/08/17 at Adlux Convention Centre, Angamaly. IEDC Summit is the avenue for participants of various units across the State to come together, to share the success stories, to learn from each other's failure, to show case innovative products and to develop strong networks that go a long way in developing sustainable enterprises.

The summit is scheduled with two sets of panel discussions to learn from two levels of entrepreneurs, one who have succeeded from Kerala and established their business across the globe and the young generation entrepreneurs who are aspire to shake the world in future through their innovative enterprises. Two projects were selected for Project Exhibition & one selected for Startup Expo. The projects selected for the Summit was

### **Project Expo in IEDC SUMMIT**

#### **Intelligent Carrus Assistance**

1. Aatmaj Janardanan (CSE)
2. Asha K Murali (CSE)
3. Haritha Ramachandran (CSE)
4. Frijo Johnson (CSE)

#### **Smart Shopping Cart with Automatic Billing through RFID**

1. Harinarayanan(EEE)
2. Preethi(EEE)
3. Reshna(EEE)
4. Reva(EEE)
5. Jithin(EEE)

### **Startup Expo in IEDC SUMMIT**

#### **Livlon(Crash Messenger)**

1. Robin Wilson(ME)
2. Raymon Charly (ME)
3. Royal Wilson(ME)



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## “TECHNOLOGY FOR SUSTAINABILITY OF HUMANITY”

Date: 04/05/17

Venue: Decennial Hall



College has celebrated NATIONAL TECHNOLOGY DAY 2017 with the theme of ““TECHNOLOGY FOR SUSTAINABILITY OF HUMANITY” on 4<sup>th</sup> May 2017 at 9:00 am in the Decennial Hall. The program was funded by Kerala State Council for Science, technology and environment, TVM and supported by IEDC of the college. An innovative idea presentation contest was conducted for students. In the initial round 20 groups were participated from which 5 groups were selected for the finals. Ms. Lakshmi Kumar, Vishnu C and Kiran P S of S4 MEB won the first prize of Rs. 3000/-. Mr. Dijinraj, Mr. Anto and Mr. Alwyn of S4 CE won the second prize of Rs. 2000/-. Mr. F Ajaz, Mr. Emmanuel Wilson, Ms. Asna Nesry, Mr. Anand A M and Ms. Catherine Anto of S4 CSE won the third prize of Rs. 1000/-.

Official function was inaugurated by chief guest Mr. Alex P George, CEO Alco fasteners who is an alumni of IIT/IIM at 11:00 am. Prof. Francis George, Director Startups & Placements welcomed the gathering. Fr. Roy J Vadakkan presided the function. Principal Dr. K K Babu gave special address. Administrator Er. Thomas Mathew felicitated the function. Dr. Anitha Jacob delivered the vote of thanks. Prizes were distributed to the winners in the function. The official function was followed by an expert talk by the chief guest.



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## IBeTo Hackathon

Date: 30/04/17 & 01/05/17

Venue: Kerala Startup Mission, Kochi



The IBeTo Hackathon was held at Kerala Startup Mission, Kalamasseri, Kochi so as to get a working prototype based on the problem statements. These prototypes can further be iterated and be launched into the market. In addition to the prize money, the top 3 contestants got direct entry into the IBeTo finals which guaranteed them proper mentorship and guidance from the experts in their field. Our student team won second in the contest & entered into IBeTo Hackathon Finals. Our student team consists of Vishnu K S4CSEB, Surya R S4CSE B, Sophy Shaju S4 ECEB, Noel S4ECEB.

**NATIONAL TECHNOLOGY DAY 2017**

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JYOTHI HILLS, VETTIKATTIRI P.O, CHERUTHURUTHY, THRISSUR, PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777

NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.



## In-house Training programs for placements preparations and communication/soft skillsdevelopment

### SEMESTER 1

APTITUDE

SOFT SKILLS

NIL

\*PAT Orientation (1 session per Sem.)

Language Lab (Per KTU Curriculum)

Business English Certificate from Cambridge- Preliminary/Vantage) Classes by Dr. Usha Menon, English Trainer

### SEMESTER 2

APTITUDE

SOFT SKILLS

NIL

\*Internship Orientation (1 session per Sem.)

Language Lab (As Per KTU Curriculum)

Business English Certificate from Cambridge- Preliminary/Vantage) Classes by Dr. Usha Menon, English Trainer

### SEMESTER 3

APTITUDE

SOFT SKILLS

NIL

\*Startup Orientation (1 session per Sem.)

Life Skills-Optional (As Per KTU Curriculum)

Business English Certificate from Cambridge- (Vantage/Advanced) for the interested students.

### SEMESTER 4

APTITUDE

SOFT SKILLS

NIL

1Hr per class/batch per week is allotted and incorporated into the regular time table. The

classes will be handled by ion house soft skill trainer Prof. davis Padical and Placement officer Mr. Bibin Joy

### SEMESTER 5

APTITUDE

SOFT SKILLS

NIL

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## In-house Training programs for placements preparations and communication/soft skills development

### SEMESTER 6

APTITUDE	SOFT SKILLS
<p>1Hr. per class/batch per <b>alternate week</b> is allocated in the regular time table . The students will be taken to the Computer lab and given a practise in aptitude tests using the inhouse software <b>PraKtiz</b> .</p>	<p>1Hr per class/batch per <b>alternate week</b> is allotted and incorporated into the regular time table. The classes will be handled by in house soft skill trainer Prof. davis Padical</p>

### SEMESTER 7

APTITUDE	SOFT SKILLS
<p>2Hrs. per class/batch per <b>alternate week</b> is allocated in the regular time table . The students will be taken to the Computer lab and given practise in aptitude tests using the inhouse software <b>PraKtiz</b> .</p>	<p>2Hrs. per class/batch per <b>alternate week</b> is allotted and incorporated into the regular time table. The classes will be handled by in house soft skill trainer Prof. davis Padical</p>

### SEMESTER 8 (As per requirement /time availability)

APTITUDE	SOFT SKILLS
<p>Practise aptitude tests using in house PraKtiz software or <a href="http://www.indiabix.com">www.indiabix.com</a></p>	<p>Mock GDs, Interviews Skills Cont...</p>

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## COURSE PLAN- SOFT SKILL/COMMUNICATION SKILLS DEVELOPMENT TRAINING (IN-HOUSE) FOR S4,S5,S6,S7

COURSE CODE	COURSE NAME	BATCHES	TRAINER'S NAME
	COMMUNICATIVE ENGLISH	S4, S5, S6, S7	DAVIS PADICAL

### COURSE OBJECTIVES

- To develop communication competence in prospective engineers
- To enable the students to convey thoughts and ideas with clarity and focus
- To develop report writing skills
- To enable them to speak without feeling nervous or apprehension
- To equip them to face personal interviews and group discussion
- To develop phone etiquettes and to acquaint them with video conferencing
- To prepare them on problem solving skills
- To make them understand the synergy of team dynamics and effectiveness
- To create an awareness of Engineering ethics and Human values
- To instill Moral and Social values, Loyalty and also to learn to appreciate the rights of others
- To learn leadership qualities and practice them

### Syllabus:

Need for communication both verbal and non-verbal, Interview skills, Group discussion, Technical and Literary writing, How to write an effective CV, Barriers to communication, Creative thinking, Group dynamics, Leadership skills and Team work.

### Reference books:

- Barun K. Mitra (2011), "Personality Development & Soft skills", First Edition; Oxford Publishers
- Kalyana (2015) "Soft Skill for Managers", First Edition; Wiley Publishing Ltd.
- Larry James (2016) "The First Book of Life Skills"; First Edition; Embassy books
- Shalini Verma (2014); "Development of Life Skills and Professional Practice"; First Edition; Sultan Chand (G/L) & Company
- John C. Maxwell (2014); "The 5 Levels of Leadership", Centre Street, A division of Hachette Book Group Inc.

### Course Structure

Module	Course Plan	Semester	Hours
I	<ul style="list-style-type: none"> <li>• Use of language in communication</li> <li>• Need for effective communication</li> <li>• How to pronounce the right way</li> <li>• Getting rid of MTI (mother tongue influence)</li> <li>• Developing Listening skills</li> <li>• Nonverbal communication – Body language, Gestures</li> <li>• Essential vocabulary building including spellings</li> </ul>	4	6  8

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## COURSE PLAN- SOFT SKILL/COMMUNICATION SKILLS DEVELOPMENT TRAINING (IN-HOUSE) FOR S4,S5,S6,S7

II	<ul style="list-style-type: none"> <li>Barriers to communication</li> <li>Use of pleasantries</li> <li>Using of metaphors, similes, phrases, proverbs and anecdotes</li> <li>Intonation and voice modulation</li> <li>Kinesics, Proxemics and Chronemics</li> <li>Getting the homophones right</li> <li>Oral presentation and public speaking through extempore</li> <li>Lecture / discussion with maximum trainee participation</li> <li>An exercise in impromptu speaking to an audience</li> </ul>	5	6          8
III	<ul style="list-style-type: none"> <li>Phone etiquettes including video calls</li> <li>Creating the first &amp; lasting impression: Interview mannerisms, what to bring, what to wear, posture, researching the organization, comparing skills to job requirements, how to frame responses, how to be ready with anecdotes.</li> <li>How to handle personality related questions</li> <li>Netiquettes and writing e-mails</li> <li>Video conferencing practice</li> <li>Letter writing (Technical and Literary writing, Cover letters, Official and Informal letters)</li> <li>Critical Thinking &amp; Problem solving- Creativity, Lateral and analytical thinking.</li> </ul>	6	6          12
IV	<ul style="list-style-type: none"> <li>Self-introduction (Tell me about yourself) &amp; Improvise to the maximum before drives</li> <li>Group Discussion</li> <li>How to write a Resume and CV.</li> </ul>	7	6          12
<b>Teaching approaches</b>			
	Power point presentation, Lecturing & Handouts, Group Discussion, Activities by students, brainstorming, Impromptu Oral presentation, Role plays & case studies, Phone interviews and Video conferencing.		

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		PLACEMENT INTERNAL TRAINING					Davis Padical (Trainer)	
		TIME TABLE S4, S6						
	1	2	3	4	5	6	7	
MON	S4 ME B		S4 ME A		S4 MR	S6 EEE	S4 EC	
TUE	S6 CS B		S6 CE		S6 EC A	S6 ME B		
THU		S6 ME A		S6 CS A	S4 CS B		S4 EEE	
FRI			S4 CS A			S4 CE	S6 EC B	

S4 students have **soft skills classes** for the whole semester (**1Hr per class/batch per week**)  
 S6 students have alternate weeks of **soft skills** and **aptitude test practice**, at our computer lab using the inhouse software **Praktiz**.

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## PLACEMENT INTERNAL TRAINING

Davis Padical (Trainer)

### TIME TABLE S5, S7

	1	2	3	4	5	6	7
N		S7 ME A	S7 ME A	S7 ME B	S7 ME B	S7 EEE	S7 EEE
E	S7 CE	S7 CE	S7 CS A	S7 CS A	S7 EC A&B	S7 EC A&B	S5 ME B
U				S5 MR	S5 CS B	S5 EEE	S5 ECE
I			S5 CS A	S7 CS B	S7 CS B	S5 CE	S5 ME A

Students have *soft skills* classes for the whole semester (1Hr. per class/batch per week)

Students have alternate weeks of *soft skills* and *aptitude test practice*, at our computer lab.

Students will have internal training *2 Hrs per batch/class per week*, since they are going for

placements using the inhouse software **PraKtíz**

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## Aptitude Test Training for S6 students using in house PraKtiz Software

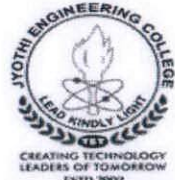
PraKtiz 3	Quant	Verbal	Logical	Data Interpretation	Toal Time
PKZ 51	25 Q	X	X	X	40 Min
	40 Min				
	0.33 Neg, 40%				
PKZ 52	20 Q	15 Q	X	X	40 Min
	30 Min	10 Min			
	0.33 Neg, 40%	0.33 Neg, 40%			
PKZ 53	10 Q	15 Q	7 Q	X	40 Min
	15 Min	10 Min	15 Min		
	0.33 Neg, 30%	0.33 Neg, 30%	0.33 Neg, 30%		
PKZ 54	X	25 Q	10 Q	X	40 Min
		20 Min	20 Min		
		NO Neg, 40%	0.25 Neg, 40%		
PKZ 55	X	X	10 Q	10 Q	40 Min
			20 Min	20 Min	
			0.33 Neg, 40%	0.33 Neg, 40%	
PKZ 56	10 Q	X	X	10 Q	40 Min
	20 Min			20 Min	
	0.25 Neg, 40%			0.25 Neg, 40%	
PKZ 57	5 Q	10 Q	5 Q	5 Q	40 Min
	10 Min	10 Min	10 Min	10 Min	
	0.33 Neg, 40%	0.33 Neg, 40%	0.33 Neg, 40%	0.33 Neg, 40%	

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## Aptitude Test Training for S6 students using in house PraKtiz Software

PKZ 58	25 Q 40 Min 0.25 Neg, 40%	X	X	X	40 Min
PKZ 59	20 Q 30 Min 0.25 Neg, 40%	15 Q 10 Min 0.25 Neg, 40%	X	X	40 Min
PKZ 60	10 Q 15 Min 0.25 Neg, 40%	15 Q 10 Min 0.25 Neg, 40%	7 Q 15 Min 0.25 Neg, 40%	X	40 Min
PKZ 61	X	24 Q 20 Min NO Neg, 50%	10 Q 20 Min 0.33 Neg, 40%	X	40 Min
PKZ 62	10 Q 20 Min 0.33 Neg, 40%	X	X	10 Q 20 Min 0.33 Neg, 40%	40 Min
PKZ 63	10 Q 15 Min NO Neg, 40%	10 Q 10 Min NO Neg, 40%	10 Q 15 Min NO Neg, 40%	X	40 Min

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*Signature*

Dr. SUNNY JOSEPH KALAYATHANKAL  
M.Tech, MCA, M.Sc, M.Phil, B.Ed  
Ph.D (Computer Science), Ph.D (Maths)  
PRINCIPAL  
Jyothi Engineering College  
Cheruthuruthy P.O.-679531



# Jyothi Engineering College

NAAC Accredited College with NBA Accredited Programmes\*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKATTIRI P.O, CHERUTHURUTHY, THRISSUR. PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777



NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

## Aptitude Test Training for final year students using in house PraKtitz Software

Pattern	PraKtitz 3	Section 1	Section 2	Section 3	Section 4	Total Time
General Test 1	PKZ64	Quant	Verbal	<b>Technical</b>	X	55 Min
		25 Q	20 Q	10 Q		
		30 Min	15 Min	10 Min		
		NO Neg, 40%	NO Neg, 40%	NO Neg, 40%		
General Test 2	PKZ65	Verbal	Quant	LR & DI	X	55 Min
		15 Q	15 Q	15 Q		
		15 Min	20 Min	20 Min		
		0.25 Neg, 40%	0.25 Neg, 40%	0.25 Neg, 40%		
AMCAT Model1 Test1	PKZ66	Verbal	Quant	Logical	Data Inter	70 Min
		18 Q	16 Q	14 Q	15 Q	
		16 Min	18 Min	16 Min	20 Min	
		NO Neg, 40%	NO Neg, 40%	NO Neg, 40%	NO Neg, 40%	
AMCAT Model2 Test1	PKZ67	Verbal	Quant	LR & DI	X	95 Min
		25 Q	25 Q	24 Q		
		25 Min	35 Min	35 Min		
		NO Neg, 40%	NO Neg, 40%	NO Neg, 40%		
Infosys Model Test 1 (i5)	PKZ68	ARAT	Math Cr Think	Verbal	X	95 Min
		15 Q	10 Q	40 Q		
		25 Min	35 Min	35 Min		
		NO Neg, 30%	NO Neg, 30%	NO Neg, 40%		
TCS Model	PKZ69	Quant & Logic	X	X	X	80 Min
		30 Q				
		80 Min				
		0.33 Neg, 40%				

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 JYOTHI HILLS, VETTIKATTIRI P.O, CHERUTHURUTHY, THRISSUR, PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777



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## Aptitude Test Training for final year students using in house PraKtiz Software

Tech Mahindra Model	PKZ70	Q, L & V 90 Q 70 Min 0.25 Neg, 40%	X	X	X	70 Min
AMCAT Model1 Test2	PKZ71	Verbal 18 Q 20 Min 0.25 Neg, 40%	Quant 16 Q 20 Min 0.25 Neg, 40%	Logical 14 Q 20 Min 0.25 Neg, 40%	Data Inter 15 Q 30 Min 0.25 Neg, 40%	90 Min
AMCAT Model2 Test2	PKZ72	Verbal 20 Q 20 Min 0.25 Neg, 40%	Quant 25 Q 40 Min 0.25 Neg, 40%	LR & DI 24 Q 35 Min 0.25 Neg, 40%	X	95 Min
Infosys Model Test 2 (i4)	PKZ73	ARAT 15 Q 25 Min NO Neg, 40%	Math Cr Think 10 Q 35 Min NO Neg, 40%	Verbal 40 Q 35 Min NO Neg, 40%	X	95 Min
Wipro Model	PKZ74	Verbal 25 Q 25 Min NO Neg, 50%	Quant 16 Q 20 Min NO Neg, 40%	LR & DI 15 Q 20 Min NO Neg, 40%	X	65 Min
Elitmus Test	PKZ75	Verbal 20 Q 20 Min 0.25 Neg, 40%	Quant 20 Q 45 Min 0.25 Neg, 30%	LR & DI 20 Q 35 Min 0.25 Neg, 40%	X	100 Min

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Dr. SUNNY JOSEPH KALAYATHANKAL  
 Head of the Department  
 Department of Computer Science & Engineering  
 Jyothi Engineering College  
 Cherturuthy P.O, Thrissur

**Konfidence Education,**

S-8, Layam Complex, Tripunithura, Ernakulam, 682301.

Phone: 94479 78265, 94472 35913

Email: Aptitude.Konfidence@gmail.com

To

The Principal,  
Jyothi Engineering College,  
Cheruthuruthy, Thrissur.

27 September 2016

Sub: Installation of PraKtiz; Payment towards the same.

Dear Sir,

Greetings from the Konfidence Team.

We take this opportunity to thank the management of Jyothi Engineering College for the interest shown in our offerings. We have successfully installed the third module of PraKtiz, our computer based Aptitude Test Practice system – PraKtiz 3 – under Unrestricted College Usage Plan for usage by the students of JEC. We are confident that the system will empower your students to perform at a higher level of competence in the aptitude tests.

We request you to kindly issue the payment for PraKtiz 3.

The invoice amount comes to Rs 99,000.

Please issue the payment by account payee cheque in favour of 'Konfidence Education'

Or by account transfer to,

A/c Number: 67315231333; Account Name: Konfidence Education

State Bank of India, Vennala Branch, Ernakulam. IFSC: SBIN0070808


Thanking you

Yours truly,



For Konfidence Education

True Copy Attested

  
Dr. SUNNY JOSEPH K. ALAYATHANKAL  
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Ph.D (Computer Science), Ph.D (Maths)  
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**Konfidence Education,**

3-8, Layam Complex, Tripunithura, Ernakulam, 682301.

Phone: 94479 78265, 94472 35913

Email: Aptitude.Konfidence@gmail.com

No: 041

**Invoice**

Date: 27 September 2016

To  
Jyothi Engineering College,  
Cheruthuruthy, Thrissur

Sl No	Particulars	Amount
1	Payment for the computer based aptitude test practice system PraKtiz 3 (Unrestricted College Usage Plan)	Rs. 99,000
	Total	<b>Rs 99,000</b>

Rupees (in words) **Ninety Nine Thousand only**



*K. Khan*

Authorised Signatory

E & O.E.

True Copy

*[Signature]*  
Dr. SUNNY JOSEPH KALAYATHANKAL  
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