



Hindusthan

College of Engineering and Technology

OTHAKKALMANDABAM(PO) , COIMBATORE-641 032

REPORT

EVALUATE, ESTIMATE, EDUCATE

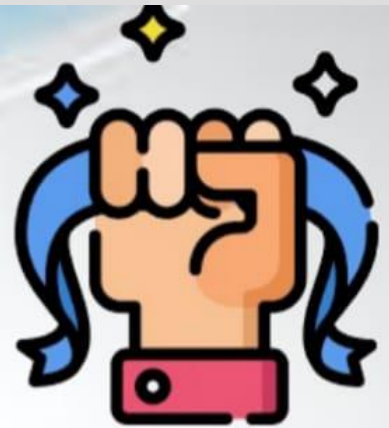
MCA - 2018

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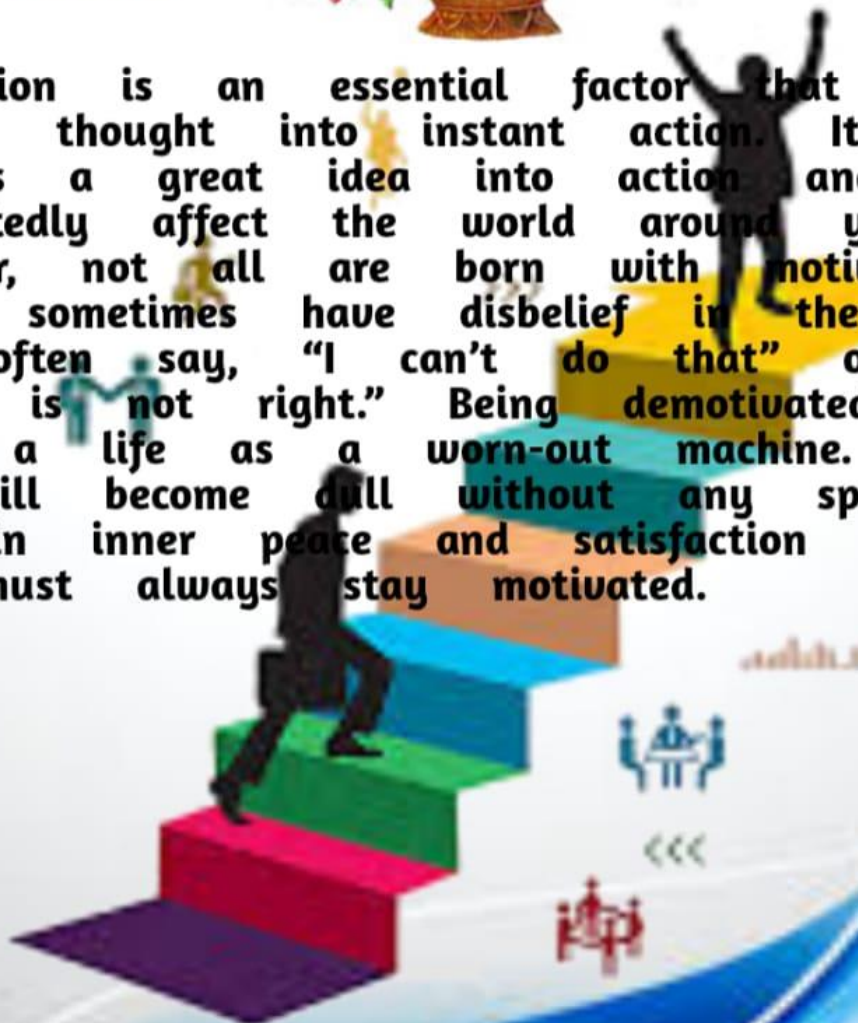
Evaluate
Estimate
Educate

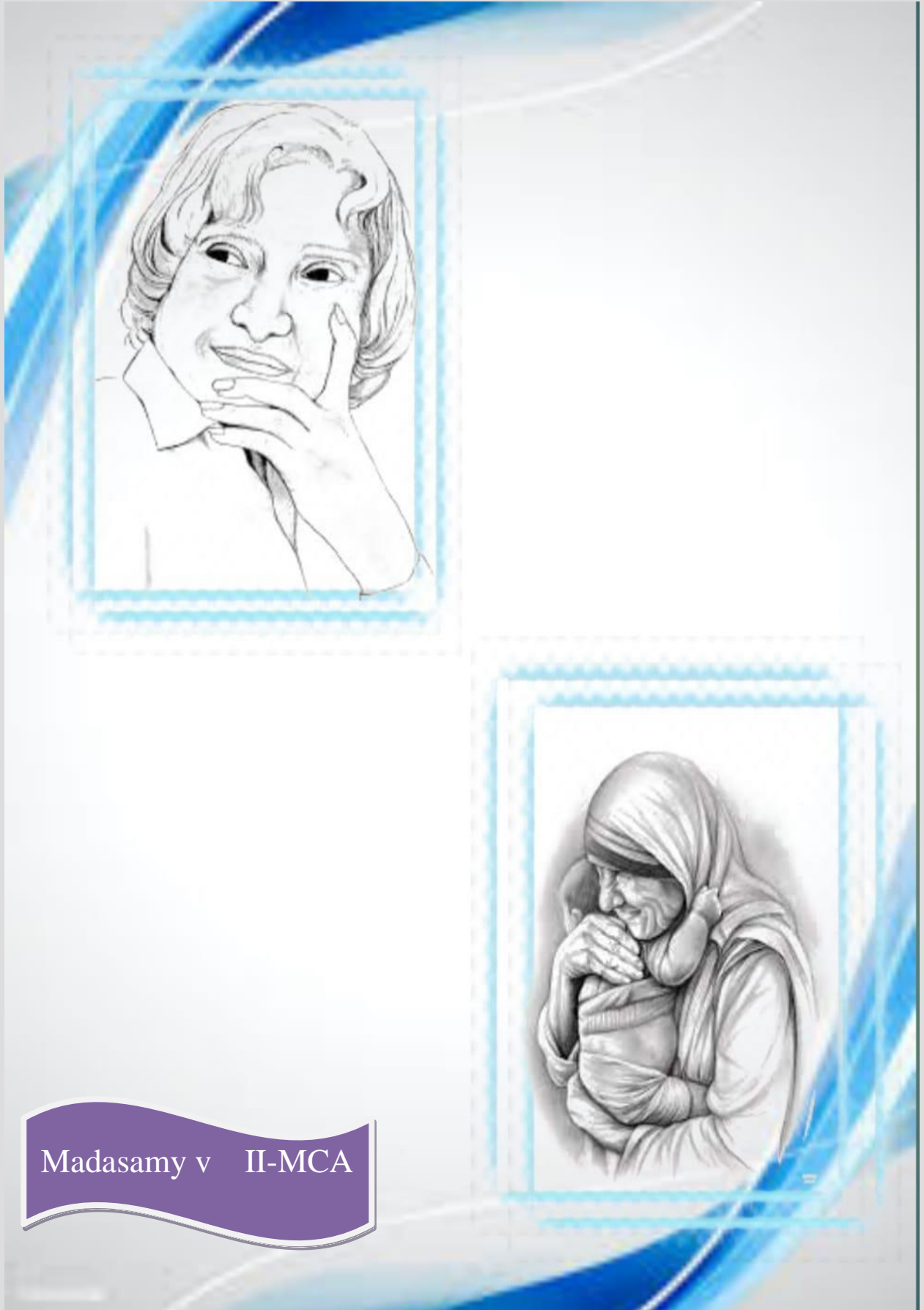
**"INSPIRATION DOES
EXIST, BUT IT MUST
FIND YOU WORKING."**

...



Motivation is an essential factor that changes positive thought into instant action. It switches a great idea into action and can undoubtedly affect the world around you. However, not all are born with motivation. People sometimes have disbelief in themselves; they often say, "I can't do that" or "the timing is not right." Being demotivated means living a life as a worn-out machine. Your life will become dull without any spark. So, to gain inner peace and satisfaction in life, you must always stay motivated.





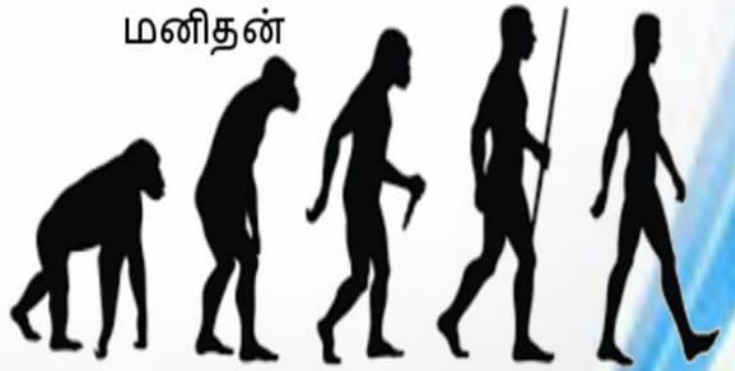
Madasamy v II-MCA

மனிதனிடம் மனிதமில்லை

என்று
எங்கெங்கும் மேடை முழக்கம்
பெருங்குரலாக ஒலிக்கிறது.

ஆனால்
மனிதன்,
மனிதனாக
வாழ்ந்தால்தானே
மனிதம் பற்றி
அவன் சிந்திக்க முடியும்?
என்கின்றன, இதர உயிர்கள்!
மனிதனை
நினைத்துப் பார்த்து
அவை வியப்படைகின்றன!
தன் குறைகளை என்றும்
ஏற்றுக்கொள்ளாத மனிதன்
பிற உயிர்களைக்
குறை கூற

பின்வாங்கியதில்லை!
இவன் கோபங்கொண்டு
பேசுவதற்குப்
பதில் கூறுவோரை
ஏண்டா பாம்புபோல்
சீறுகிறாய் என்கிறான்.
மனிதன் ஏமாற்றுவான்
தந்திரங்கள் செய்வான்
கைப்பாவையைக் கொண்டு
பிறர் குரலில்
நையாண்டி செய்வான்
அட குள்ளநரியே என்று
மாற்றாரை பேசிவிட்டு
நகைச்சுவை என்பான்.
இருந்தாலும்
மனிதன்



A LETTER FROM THE MOON

From:

The Moon
The Solor System
Univerce

To:

All 'Earth-Living' Friends
Earth
Solor system
Universe

Dear 'Earth-Living' buddies

Oh, Moon pleasant!
Where is it that you lurk in this abyss of infinity.
I've looked for you from horizon to horizon.
Is it the hefty mountains that fence your freedom.

Does not the mighty Sun lend you enough light?
Do the haughty clouds cloud your appearance.
You show yourself to me in gradual stages over a fortnight.
What a joy it is to watch you come out of your hiding, all coy.
The one day you go AWOL, I'd start to miss you terribly.

Do you have any idea how many songs you inspire in people?
Do you even know that you are the muse for a million poems?
You are loved equally by one and all.
You never differentiate among our people.

Anjali R I-MCA

Superhydrophobic coating

A superhydrophobic coating is a thin surface layer that repels water. It is made from superhydrophobic (ultrahydrophobicity) materials. Droplets hitting this kind of coating can fully rebound.[1][2] Generally speaking, superhydrophobic coatings are made from composite materials where one component provides the roughness and the other provides low surface energy.

Material used

Superhydrophobic coatings can be made from many different materials. The following are known possible bases for the coating:

Manganese oxide polystyrene (MnO₂/PS) nano-composite[citation needed]

Zinc oxide polystyrene (ZnO/PS) nano-composite

Precipitated calcium carbonate[5]

Carbon nano-tube structures

Silica nano-coating

Fluorinated silanes and Fluoropolymer coatings.

The silica-based coatings are perhaps the most cost effective to use. They are gel-based and can be easily applied either by dipping the object into the gel or via aerosol spray. In contrast, the oxide polystyrene composites are more durable than the gel-based coatings, however the process of applying the coating is much more involved and costly. Carbon nano-tubes are also expensive and difficult to produce with current technology. Thus, the silica-based gels remain the most economically viable option at present.

Types of superhydrophobic coatings

Durable water repellent – This being used for fabrics in order to protect them from water.
Rain repellent – This is made for car windshield for repelling rain water during rain in order to improve driving visibility

Industrial uses

In of a surface. Super-hydrophobic coatings are also found in nature; they appear on plant leaves, such as the Lotus leaf, and some insect wings. [14] The coating can be sprayed onto objects to make them waterproof. The spray is anti-corrosive and anti-icing; has cleaning capabilities; and can be used to protect circuits and grids.

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