

Dr. Mahalingam College of Engineering and Technology, Pollachi
(An Autonomous Institution Accredited by NAAC)
Department of Information Technology

10-11-2014

Report on
Workshop & PPT Presentation for TCPC – NRDC Official Visit

Date : 31st October 2014 & 01st November 2014

Venue : Hall No 12

We thank our management for giving us a chance to organize a workshop & PPT presentation during NRDC official visit on 31/10/2014 & 01/11/2014.

Day 1: Session 1(9.30 A.M – 11.00 A.M)

Dr.S.Ramakrishnan, Prof & Head / IT, Member Secretary / TCPC gave the warm welcome address. Dr. M.Ramakrishnan, Principal / MCET introduced the chief guest and read the profile of the chief guest. The inauguration was attended by Vice Principal, HOD / HOS, TCPC Coordinators, & senior faculties of various departments. After the formal inauguration, the chief guest Shri N G Lakshminarayan, Manager – Business Development, NRDC, Bengaluru, present a brief PPT about technology commercialization patenting. The following points have been discussed in detail.

- Benefits out of patent.
- Difference between pattern and copyright.
- Process taking in the patent office.
- Approach to get patent and NRDC role for us.
- How to commercialize the technology?

All the participants have actively clarified their queries.

The following table will give an abstract of presentation made by different department at different session. It also indicates the number of projects for which patent application may be send. The number is obtained from the recommendation made by the scrutiny committee members. The scrutiny committee members consist of expert from NRDC, Head of respective department and senior faculties from the concern department.

Project Title shortlisted for immediate documentation

- 1.South Indian Traditional Art Sughu kolam in graph theory & geographical lock pattern presented by Mrs A.Brunda, AP (SS), CSE
- 2.Wireless system for detecting and monitoring epileptic seizures using a novel machine learning technique presented by Mr.A.S.Muthanatha Muragavel, AP(SG)/IT & Dr. S.Ramakrishnan, Prof. and Head, IT
- 3.Non Invasive Blood Glucose Measurement using LASER Optic technique presented by Dr. A. Senthil Kumar, Professor and Head/EEE and Ms.S.Kavitha, AP, EEE
- 4.Dual Polarized Antenna for Microwave Tomography presented by Mr.B.Kishore, AP (SG), EEE
- 5.Solar tunnel dryer with stand-by Biomass Heater presented by Mr.M.Chandrasekaran, AP, Mechanical

6. Energy Conservation in Automobiles by Optimizing the Air Brake Compressor Function presented by Mr.A.R.Suresh, AP (SG), Mechanical
7. Application of Titanium-Titanium Bonded composites in replacement of H/P joint presented by Mr.M.Selva Kumar, AP (SG), Mechanical
8. Evaluation of Al-Si/Lic Metal Matrix composites for automobile application presented by Dr. S Vijayarangan Director (Academic) and Mr V. Sivananath AP (SS), Automobile Engineering
9. V2O5 based super capacitor electrodes presented by Mr.B.Saravana Kumar, Physics Department

Date	Time	Department	No. of Presentation	No. of Projects shortlisted for immediate documentation
31/10/2014	11.15 A.M – 1.00 P.M	Mechanical	4	3
	02.00 P.M – 3.15 P.M	Civil	2	-
		Automobile	4	1
	3.30 P.M – 5.00 P.M	EIE	3	-
		ICE	3	-
01/11/2014	9.30 A.M – 11.00 A.M	ECE	8	-
		EEE	4	2
	11.30 A.M – 1.00 P.M	CSE	1	1
		MCA	2	-
	2.00 P.M – 3.30 P.M	IT	5	1
		Physics	1	1
Count			37	9

Day 2: Session 4(3.30 A.M – 4.30. P.M)

Total of 37 presentations have been made from different department. Out of 37 presentations, 9 have been shortlisted. After all the presentation, the chief guest clarified how to fill the patent submission form. This was attended by Vice Principal, HOD / HOS, TCPC Coordinators, senior faculties and the members who present their innovation of various departments. Queries related to filling forms are addressed by our chief guest.

This workshop helps us all to know about the rules for obtaining patent.

Activities in the pipeline:

Based on the suggestion by the committee members, all the research scholars are in process of documentation.

- Review of their completed documentation – Last week of December
- Filling and Filing of application – First week of January

Expenditure

We spend the sum of Rs.5,345.00 (Five Thousand Three Hundred and Forty Five) only for the conducting of this workshop. This includes

1. Memento for Guest - Rs. 1530 /-
2. Refreshment to Chief Guest - Rs. 1483 /-
3. Refreshment to Participation - Rs. 1790 /-
4. Printing of Banner - Rs. 432 /-
5. Reprographic Printing Charge - Rs. 110 /-

Total: Rs. 5345 /-

Acknowledgement:

We take this opportunity to thank our management for giving us the permission to conduct this workshop. We also thank our Director (Academic), Director (Student Affairs), Principal, Vice Principal for their support in organizing this event. We thank our Faculty Development Cell [FDC] for their sponsorship for conducting this workshop. We heart fully thank all department HOD / HOS, Senior faculties for their presence and interaction in the workshop. Special thank to Mr.A.Sathiyamoorthi, AP (SS) / IT & Mr.J.Manivannan, AP / Chemistry for being with us throughout the event and helping us in all means. We thank all research scholars and faculty members who made presentation and support staffs who helped us for successful conduction of this workshop.

PHOTOS:

