

Research & Development Cell

Date: 06/09/2017

A Brief Report on R&D Friday Activities

- **Event Details- Seminar on Research paper publication/Patents:** An integrated approach to enhance project work and research work promotion among the students who will be become an engineers with new ideas in their respective fields. It is organized by R&D cell of TCET.
 - The objective of this activity is to provide proper guidance from industry personnel and Academicians for implanting research culture in students mind. Also it will help them to convert their ideas into products, Paper Publications or register Intellectual Property right for it.
- **Objectives:**
 - To develop research culture inside students.
 - To encourage students to publish their articles in International and National Journals and Conferences such as ICWET.
 - To make them aware of Intellectual Property right (IPR), patents.
 - To guide them how to go for patents and IPRs and secure their Ideas and inventions.
 - To provide practical guidance from industry and field experts

➤ **Research and Development Activities in this Semester :**

S No.	Name of the Activity	Details	Schedule
1	Seminar on Research paper publication/Patents	Students will be able differentiate between publications and patents	04/08/17
2	Seminar on use of education technology for effective learning		18/08/17
3	Entrepreneurship Development Contest	Students will be able to demonstrate new/multidisciplinary projects/Ideas	01/09/17
4	Workshop on education technology tool	Concept map for idea consolidation for projects	08/09/17
5	Product development and start-up (Idea to Entrepreneur)	Students should be able to make business plan and to convert project into product	18/09/17
6	Session on "Building professional skills for consultancy Environment"		06/10/17

➤ **Staff Involved:**

1. Organizing Committee, Details as follows

Sr No.	Name	Department	Responsibilities	Venue
1.	Dr. Sangeeta Mishra	EXTC	Coordinator of R&D Activity of EXTC Department	R&D Center
2.	Mr. Nishant Kumar	EXTC	Attendance and Discipline	R&D Center

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- **Schedule of the Event:** 27/07/2017
- **Venue:** R& D Center.
- **Participants:** SE to BE students of all dept.(EXTC, CMPN, IT, ETRX).
No. of Students Participated from EXTC department – 38



Seminar on Research paper publication/Patents

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- **Schedule of the Event:** 04/08/2017
- **Venue** – R& D Center.
- **Participants:** SE to BE students of all dept.(EXTC, CMPN, IT, ETRX).
No. of Students Participated from EXTC department – 13



Seminar on use of education technology for effective learning

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- **Schedule of the Event:** 18/08/2017
- **Venue** – Lab 206
- **Participants:** SE to BE students of all dept.(EXTC,CMPN,IT,ETRX).



Idea Presentation Contest

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- **Schedule of the Event:** 01/09/2017
- **Venue** – R& D Center.
- **Participants:** SE to BE students of all dept.(EXTC,CMPN,IT,ETRX).



Entrepreneurship Development Contest

➤ **Outcomes:**

1. Students were able to know the importance of publications, patents and IPRs.
2. An opportunity to understand the need to secure new Ideas and Products before going for business by using Patents.
3. Provided guidance for publication of papers in National and International Journals and Conferences.
4. Got proactive inputs from industry form experts .

➤ **Conclusion:**

The institute should give proper guidance and support to the students for publications and patents and a separate multidisciplinary cell should be formed in this regard.

- a. Students need to be motivated and encouraged to publish their Ideas in Journals and conferences
- b. The Institute should provide financial and other support to the students, who want to fill the patents.

Prepared by
SD/-
(Dr Sangeeta Mishra)
(Mr. Nishant Kumar)
Asst. Professor

Checked by
SD/-
(Dr kamal shah)
Dean R&D

Approved by
SD/-
(Dr B.K.Mishra)
Principal