

**Innovation Entrepreneurship Development Center (Bootcamp)**  
**Amal Jyothi College of Engineering, Kanjirappally.**

**Summary of Activity Report ( Jan- 2015 to Feb 2016 )**

**1. Summary of total number of Programmes organized**

Sl #	Type	No
1	General (Entrepreneurship Development)	12
2	Science Excursion (Innovation promotion for School students)	17
3	1K Youth Programme (Entrepreneurship Development programme for first years)	4
4	Industrial Visit	2
5	Innovation hub programmes (1hour sessions for IEDC members)	3
6	Project contests (Mastermind 15 & 16, TECHFEST of KSCSTE & I <sup>2</sup> U)	4
7	Conference (KETCON)	1
8	External (Attended us resource person)	35
9	Faculty Development Programme	4
10	ISBA Managers conclave	1
<b>Total</b>		<b>83</b>

**2. Programmes organized/ Attended us resource person**

**1.1 Internal (Organized)**

Team work and motivation are the secret of AJCE IEDC activities, to inspire our student teams we have organized a few programmes in our college details are given below.

Sl #	Date	Topic	Handled by	Duration	No of Participants
1	6-1-15	Planning	Sherin Sam Jose	1 Hour	34
2	20-1-15	Project Development	Mr. Gigi Devasy	1.5 Hour	35
3	7,8-2-15	Mastermind-15 @ Calicut (Project contest in association with Malayalamanorama)			
4	12-2-15	Innovation	Dr Jippu Jacob	1 Hour	25
5	26 to 28-2-15	ISBA managers conclave (FIG D)		Three Day	45
6	20 to 24-4-15	One Week FDP on Entrepreneurship			20
7	30-4-15	National Level Career guidance seminar (BS Warriar & Abraham Kurian IPS, DGP (Rtd), Govt of UP (FIG B)			2000
8	19-5-15	Technology Day Observation (Fig E)			110
9	15-7-15	Talk with Entrepreneur	Mr. Sunny PP (Sunny Diamond)	3 hrs	50
10	15,16-7-15	Two day FDP on Entrepreneurship (FIG C)			20

11	20 -7-15	Talk with Entrepreneur (Fig - A)	Mr. Rajesh Nair Degree C	2 hrs	700
12	6-8-15	Innovation system of AJCE (Teachers of AJCE)	Prof. Sherin Sam Jose	3 Hrs	20
13	6-8-15	Product Development	Mr. Gigi Devasy	2 hrs	45
14	10-8-15	Communication	Thomas paul	2 Hrs	50
15	12-8-15	Report preparation	Jose Domnic	3 Hrs	40
16	19-8-15	Expectation of people	Neenu Rani Joseph	3 Hrs	40
17	26-8-15	Attitude Development	Thomas paul	2 Hrs	40
18	9-9-15	Face to Face Interaction	Mr. Benson Thomas	6 Hrs	40
19	28-10-15	The last life changing experience	Mr. Sandeep Maheswari (Video)	2.5 Hrs	40
20	Science Excursion - Training for school students on innovation (one day for each batch, 881 students and 75 teachers through 15 batches) Supported by KSCSTE.				956
21	8 to17-10-15	Seven Day Training programme on Entrepreneurship			65
22	29,30-10 15	<b>IK Youth Programme</b> (Programme- 1) (to train 1000 youth- in association with Dhanam Magazine and Kerala Startup Mission)			80
23	30,31-10-15	<b>IK Youth Programme</b> (Programme- 2) (to train 1000 youth- in association with Dhanam Magazine and Kerala Startup Mission)			77
24	9/12/15	One day faculty training, Apps development by Apple computers			20
25	13,14/12/15	<b>IK Youth Programme</b> (Programme- 3) (to train 1000 youth- in association with Dhanam Magazine and Kerala Startup Mission)			90
26	13,14/12/15	<b>IK Youth Programme</b> (Programme- 4) (to train 1000 youth- in association with Dhanam Magazine and Kerala Startup Mission)			90
27	17/12/15	Inauguration of 1 K youth programme By M Beena IAS, MD, KSIDC			200
28	8,9/1/16	KETCON & TECHFEST of KSCSTE -2016			
29	12/1/16	Innovation Idea Unleashed project contest (Intra college)			
30	27,28/1/2016	Yuva Mastermind- 2016 (project contest)			
31	19,20/2/16	Second Capacity building programme for Bootcamp Nodal officers.			27
32	22/2/16	Looking forward talk series			40

	Three hours session on innovation by TK Jose	
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Fig A, Mr. Rajesh Nair - Degree C, Addressing the students



Fig B, Career Guidance programme



Fig C, Faculty Development Programme



Fig D, TBI Managers conclave



Fig E, National Technology day celebrations

## അമൽജ്യോതിയിൽ കരിയർ ഗൈഡൻസ് സെമിനാർ

കാണത്തിരപ്പുള്ളി • കേന്ദ്ര യുവജന ക്ഷേമ വകുപ്പിന്റെ കീഴിലുള്ള രാജീവ് ഗാന്ധി നാഷണൽ ഇൻസ്റ്റിറ്റ്യൂട്ട് ഓഫ് യൂത്ത് ഡവലപ്മെന്റിന്റെ ആഭിമുഖ്യത്തിൽ ഹൈസ്കൂൾ, ഹയർ സെക്കൻഡറി വിദ്യാർത്ഥികൾക്കായി ദേശീയതല കരിയർ ഗൈഡൻസ് സെമിനാർ അമൽജ്യോതി എൻജിനീയറിങ് കോളജിൽ നാളെ ഒൻപതുമുതൽ 12.30 വരെ നടത്തും.

തമിഴ്നാട് സർക്കാരിന്റെ കീഴിലുള്ള ഐസിടി അക്കാദമിയുടെ സഹകരണത്തോടെയാണ് സെമിനാർ.

വിവിധതരം സ്കോളർഷിപ്പുകൾക്കുറിച്ചും പ്രവേശന സാധ്യതകളെക്കുറിച്ചും സെമിനാറിൽ ചർച്ച ചെയ്യും.

കരിയർ ഗുരു ബി.എസ്. വാരിയർ, ഉത്തരപ്രദേശ് മുൻ ഡിജിറ്റൽ ഫ്യൂച്ചറും കൂടുതൽ ഐപിഎസ്

എന്നിവർ ക്ലാസുകൾ നയിക്കും. വിദ്യാർത്ഥികൾക്കും അധ്യാപകർക്കും രക്ഷാകർത്താക്കൾക്കും പങ്കെടുക്കാവുന്ന സെമിനാറിൽ പ്രവേശനം സൗജന്യമാണ്.

ഏപ്രിൽ 30നു നടത്താൻ ഉദ്ദേശിച്ചിരുന്ന സെമിനാരാണ് മേയ് അഞ്ചിലേക്കു മാറ്റിയത്.

വിവരങ്ങൾക്കു ബന്ധപ്പെടുക: പ്രഫ. മാത്യു ജോർജ്ജ്-9496329201.

### 1.2 External (Attended us resource person)

Overall development of the society is the motto of our IEDC with that aim we used to share our knowledge to other institutions/organizations also. Our faculty members attended as resource person for the following programmes.



Sl #	Date	Topic	Handled by	Duration	College
1	5-1-15	Innovation	Prof. Sherin Sam Jose	1 Day	NIT <sup>1</sup>
2	24-6-15	Entrepreneurial experience sharing	Fr. Jose Kannampuzha	1/2 Day	GEC <sup>2</sup>
3	24-6-15	Innovation from nature	Prof. Dr. Jippu Jacob	1Day	GEC <sup>2</sup>
4	25-5-15	Innovation	Prof. Sherin Sam Jose	1 Day	TCE <sup>3</sup>
5	25-6-15	Importance of Research & Entrepreneurship (Teachers)	Prof. Sherin Sam Jose	1 Day	GEC <sup>2</sup>
6	5-7-15	Innovation	Prof. Sherin Sam Jose	1 Day	JCMCSIIT <sup>4</sup>
7	10-7-15	Innovation	Prof. Sherin Sam Jose	1 Day	JCMCSIIT <sup>4</sup>
8	24-7-15	Innovation	Prof. Sherin Sam Jose	1 Day	JCMCSIIT <sup>4</sup>
9	25-7-15	Importance of Research & Entrepreneurship (Teachers)	Prof. Sherin Sam Jose	1 Day	JCMCSIIT <sup>4</sup>
10	30-7-15	Innovation	Prof. Sherin Sam Jose	1 Day	CET <sup>5</sup>
11	7-8-15	Innovation	Prof. Sherin Sam Jose	1 Day	JCMCSIIT <sup>4</sup>
12	22-8-15	Innovation	Prof. Sherin Sam Jose	1 Day	NIU <sup>6</sup>
13	10-9-15	IEDC Advisory board meeting, Kalasalingam University, Srivalliputhur, Tamilnadu. (As Board member)			
14	11-9-15	Innovation	Prof. Sherin Sam Jose	1 Day	JCMCSIIT <sup>4</sup>
15	12-9-15	Innovation	Prof. Sherin Sam Jose	1 Day	MBT <sup>7</sup>
16	17-9-15	Innovation	Prof. Sherin Sam Jose	1 Day	CCET <sup>8</sup>
17	18-9-15	Innovation from nature	Prof. Dr. Jippu Jacob	½ Day	CCET <sup>8</sup>
18	18-9-15	Entrepreneurial experience sharing	Fr. Jose Kannampuzha	½ Day	CCET <sup>8</sup>
19	3-10-15	Innovation	Prof. Sherin Sam Jose	1 Day	MCET <sup>9</sup>
20	4-10-15	Innovation	Prof. Sherin Sam Jose	1 Day	LMCST <sup>10</sup>
21	5-10-15	Innovation	Prof. Sherin Sam Jose	1 Day	JCMCSIIT <sup>4</sup>
22	12-10-15	Innovation	Prof. Sherin Sam Jose	1 Day	JCMCSIIT <sup>4</sup>
23	19-10-15	Innovation	Prof. Sherin Sam Jose	1 Day	GEC <sup>2</sup>
24	20-10-15	Innovation	Prof. Sherin Sam Jose	1 Day	GEC <sup>2</sup>
25	1/2/16	Innovation	Prof. Sherin Sam Jose	1 Day	MEC <sup>11</sup>
26	2/2/16	Innovation	Prof. Sherin Sam Jose	1 Day	MEC <sup>11</sup>
27	4/2/16	Innovation	Prof. Sherin Sam Jose	1 Day	MEC <sup>11</sup>
28	6/2/16	Innovation	Prof. Sherin Sam Jose	1 Day	KLU <sup>12</sup>
29	8/2/16	Innovation	Prof. Sherin Sam Jose	1 Day	SBCE <sup>13</sup>
30	12/2/16	Innovation	Prof. Sherin Sam Jose	1 Day	SBCE <sup>13</sup>
31	13/2/16	Innovation	Prof. Sherin Sam Jose	1 Day	MCET <sup>9</sup>
32	15/2/16	Innovation	Prof. Sherin Sam Jose	1 Day	MCET <sup>9</sup>
33	12/2/16	Patenting	Prof. Dr. Jippu Jacob	1/2 Day	PDS <sup>16</sup>
34	17/2/16	Innovation from nature	Prof. Dr. Jippu Jacob	1/2 Day	MCT <sup>15</sup>
35	27/2/16	Innovation	Prof. Sherin Sam Jose	1 Day	YCET <sup>14</sup>

- <sup>1</sup>National Institute of Technology, Calicut  
<sup>2</sup> Government College of Engineering, Idukki  
<sup>3</sup>Trinity College of Engineering, Trivandrum  
<sup>4</sup>John Cox Memorial CSI Institute of Technology, Trivandrum  
<sup>5</sup>College of Engineering, Trivandrum  
<sup>6</sup>NI University, Nagercoil  
<sup>7</sup>Mar Baselios College of Engineering and Technology, Trivandrum  
<sup>8</sup>Carmel College of Engineering & Technology, Punnapra, Alapuzha  
<sup>9</sup>Musaliar College of Engineering and Technology, Pathanamthitta  
<sup>10</sup>Lourdes Matha College of Science & Technology, Kuttichal P.O, Trivandrum  
<sup>11</sup>Marian Engineering College, Kazhakuttom, Thiruvananthapuram  
<sup>12</sup>Kalasalingam University, Srivilliputhoor, Tamilnadu  
<sup>13</sup>Sree Budha College of Engineering, Pattor, Pandalam  
<sup>14</sup>Younus College of Engineering and Technology, Kollam  
<sup>15</sup> Marian College Kuttikkanam  
<sup>16</sup>Peermed Development Society

### **3. Industrial Visit**

Organized an industrial visit to Technopark, Trivandrum and Kerala State Council for Science Technology and Environment, Trivandrum (six students and one teacher) on 17-7-15

Sent two students to PSG Tech and Sri Eswar Engeneering College, Coimbatore to study about entrepreneurship activities of respective institutions, on 16-7-15

### **4. Mastermind-2016**

It is a project contest conducted by the Malayalam news daily, the Malayala Manorama, in association with IEDC of Amal Jyothi. Activities of Season-6 have been started. It has received more than 1000 proposals from students of different institutions in Kerala. Out of them, fifty projects are shortlisted (25 from schools & 25 from colleges) for final round & exhibition. Funds (maximum of Rs 10000/- for each college-level and Rs 7500/- for school-level projects) are sanctioned for project development. Final event will be held in Jan/Feb 2016.

### **5. Techfest – 2016 of KSCSTE**

AJCE is hosting Techfest2016 of KSCSTE in association with APJ Abdul Kalam Technical University and Kerala State Council for Science Technology and Environment, Trivandrum. Announcement has been released on Oct-2015. Final exhibition will be held at AJCE on 8-9 of Jan 2016.

## 6. The Kerala Technological Congress 2016

The Kerala Technological Congress 2016 (KETCON 2016) is an initiative of the Center for Engineering Research and Development (CERD), the research arm of KTU, to provide a platform to the students, academia and the practicing professionals in engineering and technology to discuss and exchange their ideas and research experience for the benefit of the society. Final presentation will be held at AJCE on 8-9 of Jan 2016.

## 7. Project contest

Our students under the banner of IEDC are regularly participating in State-level innovative project contests, and winning prizes. Details are furnished below.

Sl #	Name of Contest	Prize	Name of Project	Amount	Date
1	Techtop-15	First	Lattino	1,00,000/-	Jul 25- 26, 2015
2	Techtop-15	Consolation	Colourmate	20,000/-	Jul 25- 26, 2015
3	RITU-5 by RIT Kottayam	Second	Table top coconut husking tool	3000/-	Feb 27, 2015
4	Entreprenia 2015 NSS Engg College Palakkad	First	Lattino	25,000	Sep 19- 20, 2015



Photos from TECHTOP





1	11/2/16	One hour session by Ajin Omanakuttan & Alen Anil "Development of LATINNO"	15	Chavara hall
2	19/2/16	One hour session by Ajin Omanakuttan "DO CRAZY"	15	Chavara hall
3	25/2/16	seminar on the topic "Make it Happen" by Jishnu Rajeev.	20	Chavara hall

## 9. Programme Participation

- Five students participated in FICE Breakthrough Innovation Camp conducted at NIT Calicut on Sep 7, 2015
- Ten Students and two teachers participated in YES can 2015 on Nov 12 2015 at Cochin.
- Two students participated in the Empretec Premier Programme on 15 June 2015 at Trivandrum
- Six students participated in the Workshop on Personal Entrepreneurial Characteristics (W\_PEC ) conducted by KIED from 16.02.2016 to 19.02.2016 at KIED campus Kalamasery.

## 10. Innovation Idea Unleashed (I2U)

In order to foster a spirit of innovation and to promote creative R & D activities among our students, the R & D wing of Innovation and Entrepreneurship Development Centre (IEDC) of AJCE "Amal Jyothi Scholars' Community for Inspiring Innovation (ASCII)" is conducting a contest for innovative project ideas. The contest is similar to the ones held in the past six years and is open to all AJCE students, including M.Tech and MCA students.

This year 18 projects have selected for funding, they have received the financial assistance of Rs 20000/- per project by the college.

## 11. Product development

Innovation promotional activities of AJCE have reached a new horizon, through the recognition by different Govt agencies. Continuous efforts and motivation by the IEDC team to Amal Jyothi students, they have come up with a lot of innovative projects. Those are listed below.

### 11.1 Institution of engineers

Institution of Engineers has selected three student project for funding from AJCE in this year

- Blind assistive Wearable device - 10,000/-
- Intelligent Helmet - 20,000/-

- Design analysis and modified construction of a Multi-utility Air cushion Vehicle - 20,000/-

## **11.2 Kerala State Council for Science Technology and Environment KSCSTE. (Govt. of Kerala)**

Kerala State Council for Science Technology and Environment KSCSTE (Govt. of Kerala) has selected three student project for funding from AJCE in this year.

- Mechanised Food processing unit - 1,20,000/-
- Manual Vegetable Seeding machine - 15,000/-
- SPARK - Advanced Lemonade Maker - 15,000/-