

**A Three-Day Workshop on
INNOVATION, INTELLECTUAL PROPERTY RIGHTS & STARTUPS**

10th to 12th October, 2018

Organized by

**Entrepreneurship Development Cell
and
Innovations & Incubation Centre**

MVSR Engineering College

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About Entrepreneurship Development Cell and Innovations & Incubation Center:

Entrepreneurship Development Cell(EDC) at MVSR Engineering College is operational with a vision to develop a Centre of Excellence for development of Entrepreneurs. At the EDC, our mission is to identify, train and develop successful Entrepreneurs contributing to economic prosperity.

We have the following objectives:

- To motivate and train engineering students to become entrepreneurs generating jobs for self and for others.
- To conduct
 - Entrepreneurship Awareness Camps (EAC)
 - Entrepreneurship Development Programs (EDP)
 - Faculty Development Programs (FDP)
 - Skill Development Programs (SDP)
- To assist in starting Enterprises/Industries covering:
 - Product/Service Identification
 - Market Survey
 - Preparation of Project Reports
 - Financial Assistance
- To develop Technology Business Incubation(TBI) centers.

Objective of the Workshop:

To generate awareness and motivation towards Innovations and IPRs, and support student's Startup activity.

Day-Wise Event Organizers of the Workshop:

Date: 10-10-18	DAY-1	Inagural	V.NikhilMurthy(MECH),S.E.Praveena(DBM), B.Menaka(DBM), N.Vikram(CSE)
Date: 11-10-18	DAY-2	Sessions	Malik Bhagvan(Auto),Shyam Mohan(EEE), K.Raghvendhar(CIVIL)
Date: 12-10-18	DAY-3	Sessions & Validatory	EV. Naga Laxmi(ECE), K.Devaki(IT)

Event Organizers for 3 days

Transport	D.Muninder(IT), K.Murali Krishna(CSE)
Photography	V.NikhilMurthy(MECH)
Broucher, Poster & Banners	S.Ch.Vijaya Bhaskar(IT), D.Muninder(IT), S.Kalyan Chakravarthi(IT)
3-Day Workshop Report	K.Devaki(IT), D.Muninder(IT)

Schedule of the Workshop:

Day-1:10-10-2018: Innovations

Inaugural Function: 10:00am to 10:30am



Inaugural Function: Left to Right Dr.P.A.Sastry, Mr.V.Ashwini Kumar, Dr.M.Madhavi, Dr. P. Chandra Sekhar

Morning:

Session 1: 10:30am to 11:30am

What are Innovations? What is the need for it?

Dr. P. Chandra Sekhar, Design Technique Group, Robotics and Automation.

Tea

Session 2: 11:45am to 12:45pm

How people Innovate - CNC Glass Fibre Winding Machines- a Case Study

Mr. Rohith Bandaru, CNC Techniques.

Lunch Break

Afternoon:

Session 3: 1:45pm to 2:30pm

Take up an Innovation Challenge

Ms. Nikitha- Telangana State Innovation Cell

Session 4: 2:30pm to 3:15pm

Case 2: A journey from Innovation to Incubation- A Case on Augmented Reality

Sagar Reddy Dondeti, Microsoft

Tea

Hands-on: 3:30pm to 4:10pm

An Exercise in Innovation

EDC & IIC, MVSR.

Day-2: 11-10-2018: Intellectual property Rights

Morning:

Session 1: 10:30am to 11:30am

Patents

Prof. G. B. Reddy, Law College, OU.

Tea

Session 2: 11:45am to 12:45pm

Patents

Prof. G. B. Reddy, Law College, OU.

Lunch Break

Afternoon:

Session 3: 1:45pm to 2:45pm

Patent Analytics

Dr. Lakshman

Tea

Session 4: 3:00pm to 4:00pm

Patent search- Patent's Attorney- Mrs. Swapna Vanamala, Associate Faculty Member,
National Institute for Micro, Small & Medium Enterprises.

Day-3: Startups

Morning:

Session 1: 10:30am to 11:30pm

Startup EcoSystem, Mr. Phani Patamata

Tea

Session 2: 11:30am to 01:00pm

Women Entrepreneurship and importance- Mr. Varun Akhnoor
Incubation Manager at WE HUB, Hyderabad- Telangana, India.

Lunch Break

Afternoon:

Session 3: 2:00pm to 3:30pm

A First-hand experience of Startups by Alumni Entrepreneurs- Navneeth, Digital Marketing
Raghu Vamshi Reddy(Mech)- Design based firm
Amitesh Sarma(Mech)- Cold Pressed Juice

Tea

Valedictory Function: 3:30pm to 4:00pm



Valedictory: Report of 3 day workshop

Left to Right Mrs.K.Devaki, Dr.G.Kanaka Durga, Mr.V.Ashwini Kumar

Resource Persons and Content delivered in the Workshop

Dr. P. Chandra Sekhar, Design Technique Group, Robotics and Automation.
10th October, 2018 Time 10:30am to 11:30am

Brief Profile:

His qualifications include

- AMIE/MIE- Electronics in 1979/88.
- MBA from IGNOU-Information Technology and Marketing-98
- MS Southampton Solent University-UK Product Development, Industrial Engineering (Robotics) and Market Research-1994
- Advancing Sensing systems in earth-quake monitoring (Roorkee University)
- Diploma in Electrical, fire fighting and safety, Interior designing and many more.

He is associated with Research work for more than 40 years in various industries. He developed India's first robotic hand for BARC, Earthquake Monitoring system, Control system for space simulation chamber and high vacuum high temperature furnace and many more. He presented 90 papers on Automation and conducted 500 seminars on Robotic Applications at various colleges, institutions and events.



Dr. P. Chandra Sekhar delivering the Lecture

Content Delivered:

1. Engineers provide solutions to problems. 70% of robots in the world are developed by Indians.
2. An Innovation is the extension of an invention.
3. Factors and conditions for an innovative, supportive and enabling environment.
 1. Education
 2. Information and transfer of knowledge
 3. Government policies
 4. Industrial, Technological and R&D Infrastructure
 5. Efficient Intellectual property system
 6. Recognition and rewards

7. Company climate and culture
8. Work force and labour environment
9. Entrepreneurial Spirit
10. Availability of funds and financial resources
11. Successful innovation is strongly linked to financial performance. Innovation is the key driver of economic growth.

Mr. Rohith Bandaru, MD,CNC Techniques.

Time: 11:45am to 12:45pm

Brief Profile:

Mr. Rohith Bandaru is a director in the company CNC Techniques Private Limited where he had joined close to 9 years ago, post completion of his bachelor's course in Biomedical engineering at GRIET.



Mr. Rohith Bandaru delivering the Lecture

Content Delivered:

1. Filament winding is the method of using a CNC (Computer Numerical Controlled) filament winding machine to manufacture components like cylinder, pipes, tanks etc.
2. Entrepreneurship qualities:
 1. Administrative skills
 2. Manpower management
 3. Finance skills
 4. Market adjustment
 5. Decision making skills
 6. Calculated risk-taking capability
7. Technical Knowledge by itself is not enough to be an entrepreneur. It contributes to about 20% of the project

Ms. Nikitha, Innovation Fellow, Telangana State Innovation Cell.

Time:1:45pm to 2:30pm

Brief Profile:

Completed her B. Tech, Metallurgy from IIT Kharagpur in 2016 and joined as Innovation Fellow in May 2018 with Telangana State Innovation Cell, Govt. of Telangana.



Ms. Nikitha delivering the Lecture

Content Delivered:

She suggested participants to take up an innovation challenge and to start thinking about taking small problem and find a solution which serves the society.

Mr. Sagar Joseph Reddy, Technical Leader, TCS.

Time:2:30pm to 3:15pm

Brief Profile:

He is a Microsoft certified developer and works as Tech Lead at Tata Consultancy Services. He worked at Sonata Software for 2 years 2010-2012.



Mr. Sagar Joseph Reddy delivering the Lecture

Content Delivered:

1. Augmented Reality using Google Glass
2. What is Virtual and Real?

**Dr. G. B. Reddy, Dean- College of Law, Osmania University Hyderabad.
11th October, 2018 Time:10:30am to 11:30am**

Brief Profile:

He is a lawyer turned academician. He obtained his LL. B, LL. M and PhD from Osmania University, Hyderabad. He was a member of general council of NALSAR 2011-2014 and AP State Consumer Protection Council 2010-2013 and the Hyderabad District Legal Services Authority by the Govt. of AP. His books include Intellectual Property Rights and Law, Copyright Law in India, Women & Law and Judicial Activism in India.



Left to Right: Mr.V.Ashwini Kumar presenting a memento to Prof. G.B.Reddy

Content Delivered:

1. Indian Patent law- Challenges and changes faced
2. Knowledge is property, Knowledge is wealth
3. History of patent
4. Position under the patents act, 1970
5. Stages- filing to grant of patent

**Mr. V. Ashwini Kumar, Chief Coordinator, EDC & IIC, MVSR Engineering College
Time: 11:45am to 1:00pm**

His experience includes:

- 36 years in teaching and industry. Currently, Associate Professor in Department of Information Technology
- has pivotal contribution to EDC and IIC at MVSR
- has contributed to innovative Project Practices
- has taught Entrepreneurship and IPR Courses

Content Delivered:

1. Motivation for Innovations
2. Some Practical Cases – see Appendix for List of Cases

Dr. Lakshman Vudan Rao, MD, I2P innovations pvt.Ltd.,
Time:1:45pm to 2:45pm

Brief Profile:

His experience includes:

- Manager-Client relations at SciTech Patent Art
- Assistant Manager at Pidilite Industries Limited from 1996-1997.
- Executive at Product Applications from 1995-1996.

He completed his PhD in Chemical Engineering (Membrane Separations) from University of Mumbai, MTech and BTech (Chemical Engineering) from Osmania University.



Left to Right: Dr.M.Rama Devi presenting a memento to Dr.Lakshman Vudan Rao.

Content Delivered:

1. Patent Services.
2. Patent searching and requirements.
3. Challenges to Indian Patent System

Mrs. Swapna Vanamala, Associate Faculty Member, National Institute for Micro, Small & Medium Enterprises.

Time:03:00pm To 04:00pm

Brief Profile:

She is registered Patent and Trademark agent, Dove Patent Law from NALSAR University. Having 12 years of experience in Patent field, having exposure in Patent Analytics, Patent Filing, Drafting and Prosecution Procedure. She is an in-charge for Intellectual Property Facilitation Centre at NI-MSME.



Left to Right: Dr.M.Rama Devi, Coordinator EDC, presenting a memento to Mrs.Swapna Vanamala..

Content Delivered:

1. Delivered a lecture on Patent searches
2. Delivered how to apply for patents.

Mr. Phani Pattamatta

12th October, 2018, Time:10:30am to 11:30am

Brief Profile:

Executive Director, TIE Hyderabad. He completed his B.E from CBIT Hyderabad and PGCBM from XLRI Jamshedpur. He is co-founder from Head Partnership Resources, National Head IT Recruitment- Executive Leadership Council, Corporate Head-Projects and Initiatives, Member-core Strategy Group, CEO at Credosys India, Regional Director for South Business Head, Guest/Visiting/Adjunct, Part-time faculty, professor of practice-Tech and B-schools and Co-founder for IPHI group.



Mr. Phani Pattamatta delivering the Lecture

Content Delivered:

1. TIE Grad
2. Program aim to nurture you to
 1. Evaluate yourself
 2. Have a good idea
 3. Research the competition
 4. Make a business plan
 5. Seek a mentor
 6. Register your business
3. Difference between Incubator and Accelerator, Co-working facility

Mr. Varun Akhnoor
Time:11:45am To 1:00pm

Brief Profile:

Incubation Manager at WE HUB, Hyderabad- Telangana, India.

He pursued MBA from Indian Institute of Planning and Management. He worked as Business Development Manager- Hyderabad, Manager at Centre for Innovation and Entrepreneurship IIIT Hyderabad, Founder of A&G Power, Senior Manager at Technology Business Incubator-BITS Pilani-Hyderabad, Manager DLABS Business Incubator, Indian School of Business-Hyderabad, Chief Incubation Officer at Start-up Foundry at IFIM B-school, Bangalore.



Mr. Varun Akhnoor delivering the Lecture

Content Delivered:

1. WE Hub
2. Women Entrepreneurship and importance
3. Why all College students should be Entrepreneurs?

Alumni entrepreneurs
Time:1:45pm To 3:00pm

- Navneeth, Digital Marketing



Left to Right: Navneeth Gowrishetty receiving a memento from Dr.G.Kanaka Durga, Principal, MVSREC

- Raghuvamshi Reddy, Design Firm



Left to Right: Raghuvamshi Reddy receiving a memento from Dr.G.Kanaka Durga, Principal,MVSREC

- Amitesh Sharma, Cold Pressed Juice

Content delivered: First hand experience of the above Startups.

List of Student Participants

S. No	Name	Department
1	S. Srikanth	Automobile
2	S. Anirudh	Automobile
3	Sharath Chandra	Automobile
4	Vaibhav	Automobile
5	A. Sai Charan	Automobile
6	Md Talha Adil	Automobile
7	S. Haritha	IT
8	K. Sushna	IT
9	K. Yashaswini	IT
10	R. Sanjana Mrunalini	IT
11	B. R. Dhana Laxmi	IT
12	S. Sai Harshini	IT
13	M. Laasya	IT
14	A. Jyothi	IT
15	K. Vinay Kumar	IT
16	Smylena Zebah DSilva	EEE
17	Shivani. E	EEE
18	K. Gunasekhar	CSE
19	T. Vani	CSE
20	M. Srikanth Reddy	CSE
21	K. Bhanu Tej	CSE
22	P. Aravind Kumar	CSE
23	J. Saisri Harichandana	CSE
24	Y. Padmaja	CSE
25	Ruthvika Lakkaraju	CSE
26	Chanda Yashwanth	CSE
27	Y. Suresh Reddy	CSE
28	V. Vaishnavi	Civil
29	V. Vikhyath	Civil
30	M. Dharma Teja	Civil
31	A. Sri Vidya	Civil
32	S. Ramya Sree	Civil
33	A. Abhishek	Civil
34	N. Niharini	Civil
35	Syed Nazeem	Civil
36	S. Sita Ram Prasad	Civil
37	Tanishq	Civil
38	G. Jaya Shankar	Civil
39	M. Anil	Civil
40	V. Sindhu Priya	Civil
41	Md. Fazal Ur Rahmar	Civil
42	Mohammad Murtuza	Civil
43	K. Shashi Kumar	Civil
44	K. Rithvik Kumar Reddy	Civil
45	G. Akash Reddy	Civil
46	T. Prudvi Raj	Civil
47	B. Murali Krishna	Civil
48	R. Venkat Sai	Civil

49	Sk. Saddam Hussain	MBA
50	I. Priyanka	MBA
51	M. Shivani	MBA
52	G. Vijaya Shri	MBA
53	V. Jyothirmai	MBA
54	P. Madhavi	MBA
55	N. Mounika	MBA
56	Y. Maanasa	MBA
57	K. L. Lavanya	MBA
58	P. Srilekha	MBA
59	C. Bhagyasree	MBA
60	D. Vivek	MBA
61	S. Prathyusha	MBA
62	P. Avinash	MBA
63	M. Hari Prasad	MBA
64	G. Geetha Madhuri	MBA
65	P. Sujith Kumar	MBA
66	K. Govind	MBA
67	M. Tejaswi	MBA
68	U. Siddhartha	MBA
69	R. Avanthi	MBA
70	T. Praneetha	MBA
71	M. Shiva Kumar	MBA
72	K. Jyothi	MBA
73	G. Srikanth	MBA
74	Nampelly Akash	MBA
75	V. Sai Kumar Raju	MBA
76	S. Divija	ECE
77	K. Shiva Kumar	ECE
78	K. Rajesh	ECE
79	Katika Vinay	Mech
80	Nadakuditi Sai Nitish	Mech
81	V. Surekha	Mech
82	Bommadeni Chanakya	Mech
83	I. Aakanksha	Mech
84	Manthri Varshini	Mech
85	K. Vinay Kumar	Mech

List of Faculty Participants

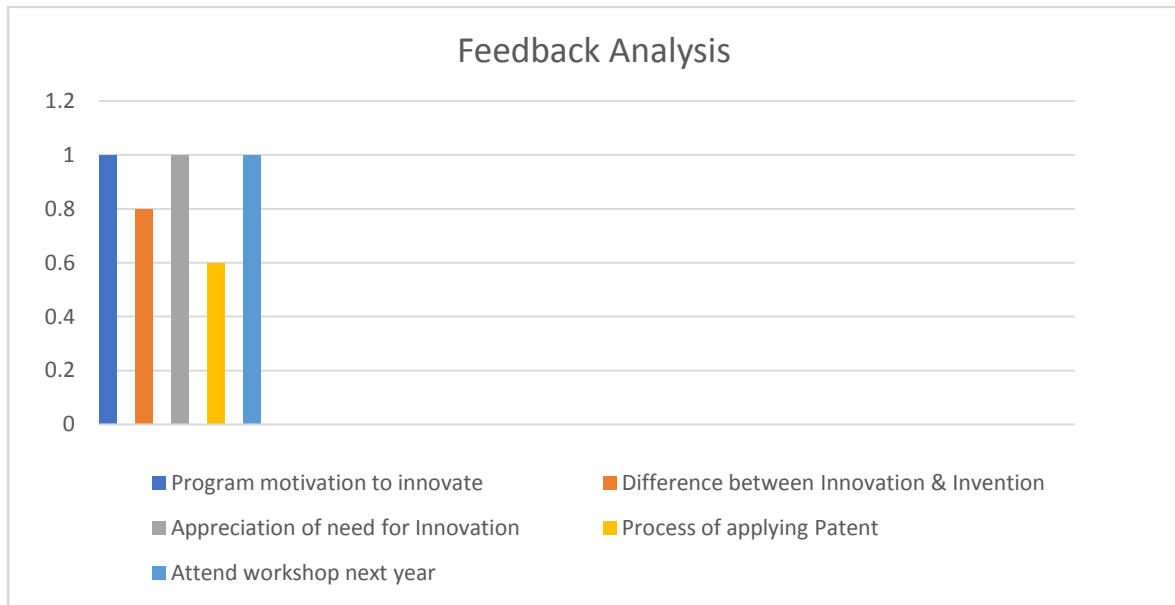
S. No	Name	Department
1	B. Ramu	Automobile
2	M. Vijay	Automobile
3	T. M. M. Raju	Automobile
4	M. Priyanka	Automobile
5	Mr. N. Bharat Mohan	EEE
6	Mr. M. Ravindra Reddy	EEE
7	Dr. N. Sravanthi	MBA
8	Mrs. K. Sri Vidya	MBA
9	Mrs. G. Bharathi	MBA
10	Mr. B. Anjan Kumar	MBA
11	KVBL Deepthi	ECE
12	Dr. P. V. Durga Prasad	Mech
13	SV. Narasimha Rao	Mech
14	R. Harinath	Mech
15	B. Suresh Kumar Reddy	Mech
16	Suri Srinivas	Mech
17	S. Gajanan	Mech

Total Participants:102

No. of Student Participants : 85

No. of Faculty Participants: 17

Feedback given by Student Participants:



Out of 102 participants , 60 percent of the participants agreed for the following:

1. Program motivation to innovate.
2. Difference between innovation and invention.
3. Appreciation of need for innovation.
4. Process of applying patent.
5. Attend workshop next year.

List of Student Participants who have shown strong desire to be Entrepreneurs by the end of the 3-day Workshop

S. No	Name	Department
1	K.Yashaswini	IT
2	S.Haritha	IT
3	P.Madhavi	MBA
4	G.Geetha Madhuri	MBA
5	G.Jaya Shankar	CIVIL
6	Tanishq	CIVIL
7	Y.Padmaja	CSE
8	S.Srikanth Reddy	CSE
9	MD.Talha	Auto Mobile
10	A.Sai Charan	Auto Mobile

Appendices:

A. Case Studies – EDC&IIC MVSR Engg. College

B. Brochure

C. A Typical List of some Local Patent Attorneys

Typical List of some Local Patent Attorneys – suggested by Prof. G. B. Reddy

1. Dr. Venkat Reddy, RVR Associates (IPR Firm). Ph: 9849546911
2. Mr. M. Vijay Kumar, IP Markets, Lakadikapul. Ph: 9700029123
3. Mr. Ashok Ram Kumar, Lakadikapul. Ph: 9849674599

50 Innovative Products for Development

Author: V. Ashwini Kumar

EDC & IIC, MVSREC, 01 August 2018

Presented at 3-day Workshop on 'Innovations, Intellectual Property Rights and Start-Ups' during 10th to 12th October 2018

S. No	Problem/Innovation		
1	Portable Battery/Fuel based Power Supply for Communications and Lighting designed to supply for a minimum duration during Emergency and Disaster – Flood/Storm/Quake/Landslides etc		
2	Wireless Communication Techniques for Emergency and Disaster – Flood/Storm/Quake/Landslides etc		
3	Wireless sensor networks for flood assessment – flow and level		
4	Flood-prone area habitants' data-base		
	Digital Methods for:		
5	1. Soil Moisture Management Methods		
6	2. Soil Moisture Assessment Methods		
7	3. Soil Quality Assessment Kit		
8	4. Irrigation-Water Quality Assessment Kit		
9	5. Sub-surface Drip Irrigation System		
10	Harvest Conveyors – Portable, quick-to-assemble and adaptable to gradient requirements with independent power supplies		
11	Manual/Power driven Loading/Unloading Machines for agro-produce handling		
12	Pit digging machine for plantation		
13	Trench digging machine for pipe laying (drip irrigation pipe)		
14	Quick Assembly, Portable, Precast Civil structures based Silos (rodent/pest free and weather free) for Grain Storage (measured) and Delivery (measured) along with facility for processing such as sieving/filtering/pulverizing/drying/packaging etc and storing thereon		
15	Quick Assembly, Portable, Precast Civil structures based roof for low cost housing		
	Garbage Management:		
16	1. Free-water removal system from Wet Garbage with further treatment of water		
17	2. Water removal from wet Garbage by application of pressure with further treatment of water		
18	3. Dry/pressed wet garbage Briquetting for general heating purpose		
19	4. Kitchen waste to composting – Methods/techniques		
20	Intelligent Taps – Auto-close on filling – no wastage, effective utilization, easy to maintain		
21	Automatic Valve/Pipe failure detection and closing of appropriate valve to stop wastage in Water Pipe-Lines		
22	Effective Dust traps as a standard element in construction for household and office purposes		

23	Interlocked-Logic Systems for Safe Material Handling		
24	Material Handling Management System for 3-D Storage, Retrieval, Delivery and Accounting		
25	Container Design for retail products at super stores for Distribution, Storage, Access and Delivery		
26	Template-less print-transfer technique for textile printing for a zero-pollution Industry		
27	High wattage dual spindle equal and opposite direction rotation low weight and volume bldc motor for aviation		
28	Micro Magnetic Switch (2 stable state to n-stable state) for tactile perception		
29	Portable Traffic Management System for temporary use and for a designed duration of time using independently powered traffic lights along with any additional information		
30	Tyre pressure indicating system for automobiles		
31	Automatic Speed-Reducing System for safety of automobiles. It detects accident prone situation for all the vehicles concerned and reduces their speed automatically. Also, generates suitable audio and light alarms in the vehicles involved before it proceeds to do so when possible		
32	Vehicles that automatically abide by Road Rules of the Land with automatic audio and visual alerts		
33	Low cost, Low weight, 3 kW and 10 kW Steam/Gas Engine		
34	Biomass/Agro-residues Burners for Process Heat		
35	Solar Water Distillation Systems		
36	Waste Plastic-bags Compaction-Rolling Machine for storage and transport of plastic garbage		
37	Honeycomb structures using water/other waste plastic bottles for use as Partition Walls etc		
38	Micro/Mini Solar Pumps – Single Stage Centrifugal		
39	Micro/Mini Solar Pumps – Multi Stage Centrifugal, Submersible		
40	Self-cleaning and maintaining Mud/Sand filter system for Drip irrigation		
41	A System for quick development of prototype 3-D Surfaces and Textures		
42	Shaft based (Gearless) 1-n Power Transmission/Distribution System		
43	A Smart Campus-Assistant to assist movement and contact, and account all activities of a visitor on the campus		
44	A Smart Traffic-throughput assessment system for use in traffic control		
45	Moving Vehicle Seizing Fields/Roads/Paths for Defence application		
46	Real-Time Discharge, Recharge, Level and Head parameter sensing and acquisition for bore wells		
47	A System that assembles holes, tapped holes and bolts into a plate/surface in terms of elements such as bushes and threaded bushes and bolts, along with spacing elements and filler for rapid prototyping		
48	CSP autoclave/furnace for pottery/earthenware/earthen pipes		
49	Design of a Propeller Fan system with adjustable orientation of fan axis in 3-D		
50	Variable area Jet-Nozzle Design for Jet Engine		

REGISTRATION FORM

A Three-day Workshop on Innovations, Intellectual Property Rights and Startups

10th to 12th October, 2018

Full Name : _____

Designation: _____

Organization: _____

Address for correspondence: _____

Mobile: _____

Email-id: _____

Place: _____

Date: _____

Applicant's Signature.

Authorized Signatory

* Limited Seats. Purely on First come First Serve basis.

A Three-day Workshop on Innovations, Intellectual Property Rights and Startups

10th to 12th October, 2018



Organized by



**Entrepreneurship Development Cell
&
Innovations and Incubation Center**

M.V.S R. Engineering College

(Sponsored by Matrusri Education Society)

Affiliated to Osmania University

Nadargul (P.O.), Hyderabad - 501 510. Telangana

Website: www.mvsrec.edu.in

Course fee:

- Faculty, Students, Entrepreneurs: Rs 250/-

Note:

- Maximum number of registrations is 75 only.
- The registration fee includes Kit, Tea and snacks, Certificate of Participation.
- Registration form can be downloaded from the Website: www.mvsrec.edu.in.

Important dates:

Last date for registration: **03rd Oct, 2018**

Intimation to

registered candidates: **06th Oct, 2018**

Venue:

**Audio Visual Room (IT-207)
Department of Information Technology,
M. V. S. R Engineering College.**

Transportation :

All Participants can avail our College Bus Transportation during these days. for further details visit <http://mvsrec.edu.in/index.php/transportation>

Key Contacts:

- Mr. V. Ashwini Kumar
Chief Coordinator, EDC&IIC
Mobile: 9391035174
Mail id: ashwinikumar@mvsrec.edu.in
- Dr. M. Sree Rama Devi
Assoc. Prof & HoD, Department of Business Management
Mobile: 9866286650
- Dr. M. Madhavi
Chief Coordinator, R&D
Mobile: 9642043570
Prof., MED
- Mr. D. Muninder
Asst. Prof., ITD
Mobile: 9492434563
Mail id: muninder_it@mvsrec.edu.in

About the College

MVSR Engineering College, sponsored by Matrusrri Education Society, was founded in 1981 with three disciplines. Over the years it has grown in stature and is presently acknowledged as a premier technical institute in Telangana. The Institution has over 225 well qualified and experienced faculty members and ably supported by technical assistants. The college offers BE 4-Year Degree Programs in Civil, ECE, EEE, CSE, IT, Mechanical and Automobile Engineering disciplines. The Programs are affiliated to Osmania University and are approved by AICTE. B.E. Programs are accredited by the NBA of AICTE.

The college also has post-graduate program in M.E. Mech. (CAD / CAM), ECE (Embedded Systems & VLSI Design), M.Tech. (CSE) and M.B.A.

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 - Faculty Development Programs (FDP)
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- To Assist in starting Enterprises/Industries covering:
 - Product/Service Identification
 - Market Survey
 - Preparation of Project Reports
 - Financial Assistance
- To Develop Technology Business Incubation (TBI) Centers

About Workshop

Objectives of the Workshop: To generate Awareness and Motivation, and Support students' Startup activity.

Course Contents:

Day 1: Innovations

Inaugural Function: 10:00 to 10:30

Morning:

Session 1: 10:30 to 11:30: What are Innovations? What is the need for it? – Dr. P. Chandra Sekar, Technical Director, Project Development, Design Technique Group, Robotics, Lighting & Luminaries Automation & Embedded Systems

Session 2: 11: 45 to 12:45: How people Innovate – CNC Glass-Fiber Winding Machines – a Case Study – Vijaya Krishna, CNC Techniques

Afternoon:

Session 3: 1:45 to 2:30: Case 1: A journey from innovation to Incubation – A Case on Augmented Reality, Sagar Reddy Dondeti, Microsoft.

Session 4: 2:30 to 3:15: Case 2: From Innovation to Patents – A case on PV Solar Panel Cleaning, Sunder Raj, CMD, Indisolar Products

Hands-On: 3:30 to 4:10: An Exercise in Innovation by EDC & IIC, MVSR

Day 2: Intellectual Property Rights

Morning:

Session 1: 10:30 to 11:30: Patents – Prof. G. B. Reddy, Law College, OU

Session 2: 11: 45 to 12: 45: Copy Rights – Dr. B. T. Mohan Krishna, Pendekanti Law College, OU

Afternoon:

Session 3: 1: 45 to 2:45: Patents Analytics – Dr. Lakshman Vudanrao, MD, I2P Innovations Pvt. Ltd.

Hands-On: 3:00 to 4:00: Patent Search – Ms. Swapna Vanamala, Patent's Attorney

Day 3: Startups:

Morning:

Session 1: 10:30 to 11:30: Startup Eco-system – Mr. Phani Patamata,

Session 2: 11: 30 to 1: 00: A First-hand experience of Startups by Alumni-Entrepreneurs – Navneeth (IT), Digital Marketing Raghuvamshi Reddy (Mech) Design based firm; Amitesh Sarma (Mech) Cold Pressed Juice

Afternoon:

Session 3: 2:00 to 3:30: Startup Support: MSME, Mr. Sudhir, Balanagar

Valedictory Function: 3:30 to 4:00: Report on 3 day Workshop

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