



M.A.M SCHOOL OF ENGINEERING

[An ISO 9001:2008 Certified Institution]

Chennai - Trichy Trunk Road

Siruganur, Trichy - 621 105, Tamil Nadu



Sent by
Speed post
on 02.08.18

2017-2018

SUBMISSION OF PROGRAMME COMPLETION REPORT OF ENTREPRENEURSHIP AWARENESS CAMPS (EAC)

Dr.P.Ranjith Kumar M.E.,Ph.D -EAC Convenor
Professor & Principal
M.A.M School Of Engineering
Siruganur, Trichy -621 105.



M.A.M. SCHOOL OF ENGINEERING

Ref No: MAMSE/EAC/2017 / 003 An ISO 9001 : 2008 Certified Institution

28.06.2018

Date :

To

Mr.S.B.Sareen
Project Director- Member Secretary DST-NIMAT Project
Entrepreneurship Development Institute of India,
P.O. Bhat, Ghadhi Nagar,
Gujarat-382 428

Dear Sir,

Sub : **Programme Completion Report of EAC- Reg**

With reference to the proposal sent from our institution for seeking support for conducting Entrepreneurship Awareness Camp in our premises and it was duly acknowledge by your letter (Ref No:- EDI /DST-NIMAT / 17-18/25 Dt:26/04/17) sanctioning an amount of Rs.60000/ towards the conduct three EAC. In this connection, we would like to submit the following.

1. The EAC was conducted for three days as per date mentioned (3 Programmes)
2. The target audience were the Final and Third year Engineering students from our college.
3. Experts from industries were invited as the resource persons.
4. The camp was conducted as per the norms

We thank you for your encouragement by sanctioning the financial assistance for the successful conduct of this EAC. Kindly sanction us the remaining of Rs. 30,000

Thanking you,

Regards,

(Dr.P.Ranjithkumar
Principal)



Trichy - Chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105.
0431 - 2910218 / 2910219, Mob : 7708000972
<http://www.memse.co.in> Email : principal@mamse.co.in

Table of Contents.....

1. Certificate of Receipt of 1st Installment
2. Programme Schedule and Events
3. List of Resource personalities
4. List of Participants
5. Annexure II – Proforma for Statement of Programme completion
6. Annexure III – Proforma for Statement of Audited Expenditure
7. Annexure IV – Utilization Certificate
8. Photographs of EAC
9. Feedback Analysis of Participants



M.A.M SCHOOL OF ENGINEERING

[An ISO 9001:2008 Certified Institution]


Chennai - Trichy Trunk Road
Siruganur, Trichy - 621 105, Tamil Nadu




Date : 28.06.2018

Certificate of Receipt of 1st Installment

This is to certified that we have received 50 % of the sanctioned amount of Rs.30000/(Rs.Thirty Thousands only) (For the 3 EAC Programmes) through UTR No / Trans Id No. IBKC170602580254 / Dated 02.06.2017 , based on the agreement signed between EDI and our organization for conducting programmes under DST-NIMAT project 2017-18.


EAC Coordinator


Principal

EDI-PROGRAMME SCHEDULE AND EVENTS July'2017 (Camp-1)

DAY	MORNING SESSION			AFTERNOON SESSION	
	SESSION - I	SESSION - II		SESSION - I	SESSION - II
06.07.17 (Thursday)	Inauguration Mr. M.A. PEER MOHAMMED Correspondent, MAM School of Engineering and MAM Polytechnic college, Siruganur, Trichy Time: 9:30 - 10:30AM	opportunities for entrepreneur Prof. B.Chandramohan M A M S E, Siruganur Trichy Time: 10.45am -12.30pm	I U N C H	Entrepreneur ship's present scenario Mr.V.R.Hari Balaji National Consultant - Disaster Management Time: 1.30 - 3.00PM	Communication Skills for entrepreneur Mr.Bharathi Prakash, MAMSE Time: 3:15 - 04:30PM
07.07.17 (Friday)	Avenues for Entrepreneurship under Govt Schemes Mr.K.Susilkumar Branch Manager, TIIIC,Trichy 9445023479 Time: 9:30 - 10:30AM	Technical and commercial aspects of SSI/MSME's unit Mr N. Kanagasabapathi President - TIDITSSIA 9443142005 Time: 10.45 - 12:30PM		product selection and technology-assistance from R&D labs Dr.P.Ranjith Kumar Principal -MAMSE 9894958888 Time: 1:30 - 2:45PM	Industrial Visit Sunbeam Structural Pvt.Ltd., Trichy Time: 3:00 - 05:00PM
08.07.17 (Saturday)	Sources of Fund for Entrepreneurs Mr.Y.S.Ariff Br. Manager - Punjab National Bank,Siruganur, Trichy Ph.7708067178 Time: 9:30am 10.30AM	Innovation & Creativity for Entrepreneurs Mr.Bhaskaran.R Skill Development Trainer Ph.9659973206 10:45am - 12:30PM		Entrepreneur's Success Stories Mr.B.G.Venkatesh Co-Founder, Campus tiger,Chennai Ph.9840981091 Time: 1:30 - 3.45PM	Valedictory Address Mr.V.R.Hari Balaji National Consultant - Disaster Management 8939037925 Dr.P.Ranjith Kumar Principal -MAMSE 9894958888 Time:4.00 - 4:30PM

EDI-PROGRAMME SCHEDULE AND EVENTS August'2017(Camp-2)

DAY	MORNING SESSION		AFTERNOON SESSION	
	SESSION - I	SESSION - II	SESSION - I	SESSION - II
10.08.17 (Thursday)	Inauguration Dr. M.A. Mslakk Mohamed Director, M A M College of Engineering and Technology Siruganur, Trichy Time: 9:30 - 10:30AM	opportunities for entrepreneur Prof.B.Chandiramohan M A M School of Engineering Time: 10:45am - 12:30PM	Govt Helping for SSI/MSME's unit Mr N. Kanagasabapathi President - TIDITSSIA 9443142005 Time: 1:30 - 3:00PM	Communication Skills for entrepreneur Prof.B.Abirami, MAMSE 9500868990 Time: 3:15 - 04:30PM
11.08.17 (Friday)	Be an Entrepreneur world wide Mr.V.R.Hari Balaji National Consultant - Disaster Management 8939037925 Time:9:30 - 10:30am	Subsidy for Entrepreneur under TIIIC Mr.K.Susilkumar Branch Manager, TIIIC,Trichy 9445023479 Time: 10:45am - 12:30pm	Industrial Visit 1.G.K Industries,Trichy 2 Perfect International Fabricators Ltd Time : 3:00 - 05:00PM	
12.08.17 (Saturday)	Funding ideas for Entrepreneurs Mr.Y.S.Ariff Br. Manager - Punjab National Bank,Siruganur, Trichy Ph.7708067178 Time: 9:30am-10:30am	Innovative ideas for village Entrepreneurs Mr.Bhaskaran.R Skill Development Trainer Ph.9659973206 10:45am - 12:30PM	Start up Industries Mr.B.G.Venkatesh Co-Founder,Campus tiger,Chennai Ph.9840981091 Time: 1:30 - 3:45PM	Valodictory Address Mr. M.A.FEER MOHAMMED Correspondent & Dr.P.Ranjith Kumar Principal -MAMSE 9894958888 Time:4:00 - 4:30PM

EDI-PROGRAMME SCHEDULE AND EVENTS - Sep'2017 (Camp-3)

DAY	MORNING SESSION			AFTERNOON SESSION	
	SESSION - I	SESSION - II		SESSION - I	SESSION - II
06.09.17 (Wednesday)	Inauguration Mr. M.A. PEER MOHAMMED Correspondent, MAM School of Engineering and MAM Polytechnic college, Siruganur, Trichy Time: 9:30 - 10:30AM	Think at younger stage, be an entrepreneur Dr. P. SubburathinaBharathi, Director, M A M Business School Time: 10:45 - 12:30PM	L U N C H	Way of Communication for entrepreneur Mr. Bharathi Prakash, MAMSE Time: 1.30 - 02.45PM	Training at college level students for entrepreneurship Prof. B. Chandiramohan M A M School of Engineering Time: 3.00pm - 04.30PM
07.09.17 (Thursday)	Identification of opportunities for entrepreneur Mr. B. Karthigai Vasan, AD, DIC, Trichy 9842565658 Time: 09.30 - 10.30am	Startup ways of SSI/MSME's unit Mr. N. Kanagasabapathi President - TIDITSSIA 9443142005 Time: 10.45 - 12:30PM		Industrial Visit 1. Jothi Mellabeable Industries, Trichy 2. Kothari Sugars & Chemicals Limited, Kattur, Trichy Time: 01.30 - 05:00PM	
08.09.17 (Friday)	Funding Procedures to be followed in Banks by the Entrepreneurs Mr. Y. S. Ariff Br. Manager - Punjab National Bank, Siruganur, Trichy Ph. 7708067178 Time: 9:30am - 10.30AM	Innovation & Creativity for Entrepreneurs Mr. Bhaskaran. R Skill Development Trainer Ph. 9659573206 10:45am - 12:30PM		Ladies Entrepreneurs Dr. Bhargavi. R Director, The Professional Couriers, Trichy. Time: 01.30 - 03.30pm	Valedictory Address Dr. P. Ranjith Kumar Principal - MAMSE 9894958888 Time: 03.45 - 4:30PM

Three Days Entrepreneurship Awareness Camp

List of Resource Personalities

1. Mr. A. Peermohamed,
Correspondent,
M A M School of Engineering
Siruganur, Trichy
2. Dr. P. Subburethina Bharathi,
Director,
M A M Business School,
Siruganur, Trichy
3. Dr. Bhargavi R
Director,
The Professional Couriers,
Trichy-2
4. Mr. V. R. Hari Balaji
National Consultant,
Disaster Management
Chennai.
5. Mr. B. Karthigai Vasan,
Additional Director
District Industry Center
Trichy
6. Prof. B. Abirami,
HOD / Computer Science Engineering
M A M School of Engineering
Trichy - 621 105
7. Mr. K. Susilkumar MSc, M B A,
Branch Manager,
Tamilnadu Industrial Investment Corporation Ltd.
Trichy Branch., Tamil Nadu.
8. Dr. M A J. Malukk Mohamed,
Director,
M A M College of Engineering and Technology,
Siruganur- Trichy.
9. Mr N. Kanagasabapathi
Proprietor,
R K Metal Industries,
President – TIDITSSIA
Trichy -620 023
10. Dr. P. Ranjith Kumar
Principal
M A M School of Engineering
Trichy -621 105
11. Mr. Y. S. Ariff
Br. Manager – Punjab National Bank,
Siruganur, Trichy
12. Mr. Bhaskaran. R
Skill Development Trainer, Manapparai
13. Mr. B. G. Venkatesh
Co-Founder, Campus tiger, Chennai
14. Prof. B. Chandramohan
M A M School of Engineering
Trichy -621 105
15. Prof. Bharathi Prakash,
Dept of S B H
M A M School of Engineering
Trichy -621 105

Participants List for the EAC Programme (Camp 1)

Programme Date : From 06.07.2017 to 08.07.2017

Sl No	Reg No	Name	Branch	Year	Community
1	812114114001	ABDUL LATHEEF.S	Mechanical	Final Year	OBC
2	812114114002	ABDUL RASHEETH.K	Mechanical	Final Year	OBC
3	812114114006	ARIVOLI NABISUDEEN.S	Mechanical	Final Year	OBC
4	812114114009	BALAJI.S	Mechanical	Final Year	SC
5	812114114011	BALA VIGNESIL.V	Mechanical	Final Year	OBC
6	812114114012	CHANDRA MOHAN.B	Mechanical	Final Year	OBC
7	812114114013	DHINESH.P	Mechanical	Final Year	OBC
8	812114114014	DINESH KUMAR.J	Mechanical	Final Year	OBC
9	812114114015	EARNEST ELSHADAL.C	Mechanical	Final Year	SC
10	812114114016	ELAVARASAN.T	Mechanical	Final Year	SC
11	812114114017	GANAPATHY.S	Mechanical	Final Year	OBC
12	812114114019	GOODWIN AROKIYARAJ.S	Mechanical	Final Year	OBC
13	812114114021	GOWTHAM.M	Mechanical	Final Year	SC
14	812114114023	HARIHARASUDHAN.A	Mechanical	Final Year	OBC
15	812114114024	JAINUDEEN.S	Mechanical	Final Year	OBC
16	812114114029	MAHENDRAN.M	Mechanical	Final Year	OBC
17	812114114030	MANIMARAN.I	Mechanical	Final Year	SC
18	812114114031	MANOJ KUMAR.M	Mechanical	Final Year	OBC
19	812114114032	MANOJ KUMAR.V	Mechanical	Final Year	OBC
20	812114114033	MOHAMED FAIROSE KHAN	Mechanical	Final Year	OBC
21	812114114034	MOHAMED RIAZ.M	Mechanical	Final Year	OBC
22	812114114035	MOHAMED RIYAZ.Y	Mechanical	Final Year	OBC
23	812114114036	MOHAMMED NIVAS.S	Mechanical	Final Year	OBC
24	812114114038	NOORUL ASLAM.B	Mechanical	Final Year	OBC
25	812114114040	PASUPATHI.S	Mechanical	Final Year	OBC
26	812114114042	PRABHAKARAN.M	Mechanical	Final Year	OBC

27	812114114043	PRABHAKARAN.R	Mechanical	Final Year	SC
28	812114114044	PRASANTH.S	Mechanical	Final Year	OBC
29	812114114046	RAJMOHAN.R	Mechanical	Final Year	OBC
30	812114114047	RAJESHWARAN.S	Mechanical	Final Year	OBC
31	812114101001	BALAKRISHNAN.A	Aero	Final Year	OBC
32	812114101005	JAYARAJ.D	Aero	Final Year	SC
33	812114101007	MANIKANDAN.P	Aero	Final Year	SC
34	812114101008	MANIKANDAN.V	Aero	Final Year	OBC
35	812114101010	PRAVEEN KUMAR.V	Aero	Final Year	OBC
36	812114101012	VERTIVEL.V	Aero	Final Year	SC
37	812114101013	VIJAY.P	Aero	Final Year	OBC
38	812114104001	P.BALASUBRAMANIAN	CSE	Final Year	OBC
39	812114104003	MOHAMMED AZARUDEEN.T	CSE	Final Year	SC
40	812114105001	AJITH.A	EEE	Final Year	SC
41	812114105002	AJITH.N	EEE	Final Year	OBC
42	812114105004	DEEPANAJ.K	EEE	Final Year	OBC
43	812114105005	GIRIDHARAN.C	EEE	Final Year	OBC
44	812114106001	Devendiran M	ECE	Final Year	SC
45	812114106007	Mohamed Hakim M	ECE	Final Year	OBC
46	812114106301	Pandisolai A	ECE	Final Year	GEN
47	812114115001	AGNEL IRIN.M	Mechatronics	Final Year	OBC
48	812114115002	AKILAN.G	Mechatronics	Final Year	OBC
49	812114115004	GOPALAKRISHNAN.P	Mechatronics	Final Year	OBC
50	812114115005	JUSTINE SAJI JOHN	Mechatronics	Final Year	SC
51	812115114001	AHAMED GULAM G	Mechanical	Third Year	OBC
52	812115114002	AJITH KUMAR N	Mechanical	Third Year	OBC
53	812115114003	AJITH KUMAR O K	Mechanical	Third Year	OBC
54	812115114004	AJITH KUMAR T	Mechanical	Third Year	OBC
55	812115114005	AMARNATH S	Mechanical	Third Year	SC
56	812115114006	ANANDHA BABU. T	Mechanical	Third Year	

57	812115114007	ANNARAJAN A	Mechanical	Third Year	OBC
58	812115114008	ANTONY PRINCE.S	Mechanical	Third Year	OBC
59	812115114010	ARUN.A	Mechanical	Third Year	SC
60	812115114011	ARUNPANDE.S	Mechanical	Third Year	OBC
61	812115104004	KARAN J	CSE	Third Year	OBC
62	812115104005	KARNA P	CSE	Third Year	OBC
63	812115104007	MANIYARASAN K	CSE	Third Year	SC
64	812115104008	MOHAMED AZARUDEEN S	CSE	Third Year	OBC
65	812115104009	MOHAMED HAKKIM A	CSE	Third Year	OBC
66	812115104011	NITHISH KUMAR T R V	CSE	Third Year	GEN
67	812115106001	Ajith.M	ECE	Third Year	OBC
68	812115106017	Ramaraj.S	ECE	Third Year	OBC
69	812115106019	Santhanam.S	ECE	Third Year	SC
70	812115101001	AJIS MOHAMED S	Aero	Third Year	OBC
71	812115101002	AJITHKUMAR S	Aero	Third Year	OBC
72	812115101003	BHARATHI P	Aero	Third Year	OBC
73	812115101004	DEEPAC KUMAR S V	Aero	Third Year	SC
74	812115101007	DHARMARAJ G	Aero	Third Year	OBC
75	812115101008	DHINAKARAN V	Aero	Third Year	GEN
76	812115101010	DINESH S	Aero	Third Year	OBC
77	812115101011	DINESH S	Aero	Third Year	OBC
78	812115115001	ABINATH B	Mechatronics	Third Year	SC
79	812115115002	AJAY PRASANTH I	Mechatronics	Third Year	SC
80	812115115003	ASLAM NIJAMUDEEN.M	Mechatronics	Third Year	OBC
81	812115115004	BALA VENKATESH. M	Mechatronics	Third Year	OBC
82	812115105001	AJITH. D	EEE	Third Year	SC
83	812115105004	IBRAHIM. C	EEE	Third Year	OBC
84	812115105006	NIVAS. N	EEE	Third Year	OBC

Girls Students					
1	812114101003	DEEPIKA.M	Aero	Final Year	SC
2	812114101004	JAYAPRIYA.S	Aero	Final Year	OBC
3	812114104007	PRIYANKA.V	CSE	Final Year	SC
4	812114104008	RAGAVLR	CSE	Final Year	OBC
5	812114105007	KEERTHGA.M	EEE	Final Year	OBC
6	812114105008	KOUSALYA.P	EEE	Final Year	SC
7	812114106002	Divya B	ECE	Final Year	OBC
8	812114115003	DAISY PRICELLA.M	Mechatronics	Final Year	SC
9	812115104003	DHIVYA K	CSE	Third Year	GEN
10	812115104010	MONICA SELES F A	CSE	Third Year	OBC
11	812115104013	NOORNISHA S	CSE	Third Year	SC
12	812115106002	Ammu.S	ECE	Third Year	OBC
13	812115106003	Asvithya.S	ECE	Third Year	OBC
14	812115101009	DHIVYA K	Aero	Third Year	OBC
15	812115101013	EZHILARASI N	Aero	Third Year	GEN
16	812115115007	INDHUMATHI. K	Mechatronics	Third Year	GEN

Participants List for the EAC Programme (Camp 2)

Programme Date : From 10.08.2017 to 12.08.2017

Sl No	Reg No	Name	Branch	Year	Community
1	812114114050	RIYAS AHAMED.M	Mechanical	Final Year	OBC
2	812114114055	SAYHIYA SEELAN.R	Mechanical	Final Year	OBC
3	812114114056	SELVA MANI.K	Mechanical	Final Year	OBC
4	812114114059	SIVA.G	Mechanical	Final Year	SC
5	812114114060	SOUKATHALIMALIK	Mechanical	Final Year	OBC
6	812114114061	SURESHKANTH.P	Mechanical	Final Year	OBC
7	812114114062	SYED MOHAMMED.I	Mechanical	Final Year	OBC
8	812114114063	THIRUMAVALAVAN.T	Mechanical	Final Year	OBC
9	812114114064	VIGNESH.G	Mechanical	Final Year	SC
10	812114114066	VINOTH.M	Mechanical	Final Year	SC
11	812114114067	VINOTH KUMAR.K	Mechanical	Final Year	OBC
12	812114114068	YASAR ARAFATHA	Mechanical	Final Year	OBC
13	812114114301	ABBAS.P	Mechanical	Final Year	SC
14	812114114303	AJITH.S	Mechanical	Final Year	OBC
15	812114114304	AJITHKUMAR.P	Mechanical	Final Year	OBC
16	812114114305	ARUL DHILEEPAN.J	Mechanical	Final Year	OBC
17	812114114307	DHANEESHWAR.D.M	Mechanical	Final Year	SC
18	812114114308	DHILIP KUMAR.K	Mechanical	Final Year	OBC
19	812114114309	MOHAMED ASIM.B	Mechanical	Final Year	OBC
20	812114114310	PIRAVEEN KUMAR.K	Mechanical	Final Year	OBC
21	812114105010	NAGALINGAM.A	EEE	Final Year	OBC
22	812114105013	PREMKUMAR.S	EEE	Final Year	OBC
23	812114105016	SARWATHKHAN.I	EEE	Final Year	OBC
24	812114105018	STALIN .M	EEE	Final Year	OBC
25	812114105019	THOFIK AHAMED.T	EEE	Final Year	OBC

26	812114115006	KARTHIKEYAN.B	Mechatronics	Final Year	OBC
27	812114115007	MUTHUKUMAR.N	Mechatronics	Final Year	SC
28	812114115010	RAJESH.S	Mechatronics	Final Year	OBC
29	812114115012	SATHISHKUMAR.K	Mechatronics	Final Year	OBC
30	812114115013	SATHIYASEELAN.P	Mechatronics	Final Year	OBC
31	812114115014	SREEHARI.M	Mechatronics	Final Year	OBC
32	812115114012	ARUNPANDIYAN. A	Mechanical	Third Year	SC
33	812115114013	ASLAM SHAREEF. M	Mechanical	Third Year	SC
34	812115114014	AZFARDEEN F	Mechanical	Third Year	OBC
35	812115114015	BALASUBRAMANIAN V	Mechanical	Third Year	OBC
36	812115114016	BHAVANESH M	Mechanical	Third Year	SC
37	812115114017	DEEPAK RUBAN SANTHIYAGU M	Mechanical	Third Year	OBC
38	812115114018	DHEBAN KUMAR T	Mechanical	Third Year	OBC
39	812115114019	DINESH KUMAR G	Mechanical	Third Year	SC
40	812115114020	DINESH M	Mechanical	Third Year	SC
41	812115114022	JAYABAL S	Mechanical	Third Year	OBC
42	812115114024	JEEVA K	Mechanical	Third Year	OBC
43	812115114025	KALAIMURUGAN A	Mechanical	Third Year	OBC
44	812115114026	KANAGARAJ K	Mechanical	Third Year	SC
45	812115114027	KANAGARAJ M	Mechanical	Third Year	OBC
46	812115114028	KARTHIK PRABU A	Mechanical	Third Year	GEN
47	812115114029	KAVIARASAN S	Mechanical	Third Year	OBC
48	812115114030	MOHAMED ARIF J	Mechanical	Third Year	OBC
49	812115114031	MOHAMED AZARUDEEN A	Mechanical	Third Year	OBC
50	812115114033	MOHAMED ISMAIL	Mechanical	Third Year	SC
51	812115114034	NITHIN P.H	Mechanical	Third Year	OBC
52	812115104012	NIXAN S	CSE	Third Year	OBC
53	812115104017	SHAHUL HAMEED S M	CSE	Third Year	OBC
54	812115104019	SHRINITHI K B	CSE	Third Year	OBC

55	812115104020	SIVAGANDHI M	CSE	Third Year	OBC
56	812115104022	TAMILSELVAN S	CSE	Third Year	OBC
57	812115104023	YASVAANTH S	CSE	Third Year	SC
58	812115101012	ELUMALAI V	Aero	Third Year	OBC
59	812115101014	JAYASURYA G	Aero	Third Year	OBC
60	812115101015	JEEVA S	Aero	Third Year	OBC
61	812115101016	KAVIYARASAN J	Aero	Third Year	OBC
62	812115101017	MANIKANDAN M	Aero	Third Year	SC
63	812115115005	DENIS, S	Mechatronics	Third Year	SC
64	812115115006	FLEMIN LOORTHU RAJA	Mechatronics	Third Year	OBC
65	812115115007	INDHUMATHI K	Mechatronics	Third Year	OBC
66	812115115008	JANARTHANAN S	Mechatronics	Third Year	SC
67	812115115009	KARTHIKA	Mechatronics	Third Year	OBC
68	812115115010	KAVIYARASAN T	Mechatronics	Third Year	OBC
69	812115115011	MAHENTHARAN R	Mechatronics	Third Year	OBC
70	812115115012	MANIKANDAN R	Mechatronics	Third Year	SC
71	812115115013	MARUDHASELVAM, S	Mechatronics	Third Year	OBC
72	812115115014	MOHAMED ABDULLAH A	Mechatronics	Third Year	OBC
73	812115115015	MOHAMED IMRAN, Z	Mechatronics	Third Year	OBC
74	812115115016	MUKESH KANNA P	Mechatronics	Third Year	OBC
75	812115115017	MURALI D	Mechatronics	Third Year	OBC
76	812115115018	MUTHUPRAKASH M	Mechatronics	Third Year	OBC
77	812115115019	PRASANTH C	Mechatronics	Third Year	OBC
78	812115115020	RAJATHURAL M	Mechatronics	Third Year	OBC
79	812115115021	RAJU, R	Mechatronics	Third Year	OBC
80	812115115022	RAMANATHAN, A	Mechatronics	Third Year	SC
81	812115115023	RANJITHKUMAR, S	Mechatronics	Third Year	OBC
82	812115115025	SATHISH KUMAR T	Mechatronics	Third Year	OBC

Girls Students					
1	812114101009	MUTHULAKSHMI.M	Aero	Final Year	OBC
2	812114101011	RESHMA.A	Aero	Final Year	SC
3	812114104009	V.SANGEETHA	CSE	Final Year	SC
4	812114105011	NITHYA.M	EEE	Final Year	OBC
5	812114105012	PREETHI.S	EEE	Final Year	OBC
6	812114106003	Fahima Muhathas K	ECE	Final Year	SC
7	812114105004	Indu Mathi M G	ECE	Final Year	OBC
8	812114106005	Kaviya S	ECE	Final Year	OBC
9	812114106006	Manisha R	ECE	Final Year	SC
10	812114115015	SRUTI MENON	Mechatronics	Final Year	SC
11	812115104018	SHARMELA S	CSE	Third Year	OBC
12	812115104024	YOGAPRIYA M	CSE	Third Year	OBC
13	812115106005	Francina.I	ECE	Third Year	OBC

Participants List for the EAC Programme (Camp 3)
Programme Date : From 06.09.2017 to 08.09.2017

Sl No	Reg No	Name	Branch	Year	Community
1	812114114311	PRAKASH.S	Mechanical	Final Year	OBC
2	812114114312	PURUSHOTHAMAN.G	Mechanical	Final Year	OBC
3	812114114313	SAMEER AHAMED.S	Mechanical	Final Year	OBC
4	812114114501	KUMARAN.P	Mechanical	Final Year	SC
5	812114114502	MANIKANDAN.K	Mechanical	Final Year	OBC
6	812114114503	VELMURUGAN.S	Mechanical	Final Year	OBC
7	812114114701	SANTHOSHRAJ.B	Mechanical	Final Year	OBC
8	812114114702	THANGATAMILAN.T	Mechanical	Final Year	OBC
9	812114105301	BERNAT KUMAR.A	EEE	Final Year	SC
10	812114105302	DHANALAKSHMI.S	EEE	Final Year	SC
11	812114105303	GLORY.J	EEE	Final Year	OBC
12	812114105304	THIYAGARAJAN.R	EEE	Final Year	OBC
13	812114115016	VIGNESH.R	Mechatronics	Final Year	SC
14	812114115301	KARTHICK RAJA	Mechatronics	Final Year	OBC
15	812114115302	LEO.J	Mechatronics	Final Year	OBC
16	812114115901	GOWTHAM MANIKANDAN	Mechatronics	Final Year	OBC
17	812114115501	MATHIYAAZHAKAN	Mechatronics	Final Year	SC
18	812114115502	VAJEEH	Mechatronics	Final Year	OBC
19	812115114001	AHAMED GULAM G	Mechanical	Third Year	OBC
20	812115114002	AJITH KUMAR N	Mechanical	Third Year	OBC
21	812115114003	AJITH KUMAR O K	Mechanical	Third Year	OBC
22	812115114004	AJITH KUMAR T	Mechanical	Third Year	OBC
23	812115114035	PASUPATHI BOSE.M	Mechanical	Third Year	OBC
24	812115114036	PAVITHRAN C S	Mechanical	Third Year	OBC
25	812115114037	PRABHAKARAN A	Mechanical	Third Year	OBC
26	812115114039	PRAVEEN KUMAR B	Mechanical	Third Year	OBC

27	812115114040	RAJASEKARAN C	Mechanical	Third Year	SC
28	812115114042	RAMU P	Mechanical	Third Year	OBC
29	812115114043	ROBINSON XAVIER P	Mechanical	Third Year	OBC
30	812115114044	SADHAM HUSSAIN A	Mechanical	Third Year	OBC
31	812115114045	SAGAYA ROBINSON R	Mechanical	Third Year	OBC
32	812115114047	SAKTHIVEL S	Mechanical	Third Year	SC
33	812115114048	SARATH KUMAR T	Mechanical	Third Year	SC
34	812115114050	SATHISH C	Mechanical	Third Year	OBC
35	812115114051	SATHISH K	Mechanical	Third Year	OBC
36	812115114052	SATHIYA MOORTHY A	Mechanical	Third Year	SC
37	812115114055	SHANMUGAM B	Mechanical	Third Year	OBC
38	812115114057	SILAMBARASAN D	Mechanical	Third Year	OBC
39	812115114058	SIVA R	Mechanical	Third Year	SC
40	812115114059	SIVABHARATHI K	Mechanical	Third Year	SC
41	812115114061	SRIRAM M	Mechanical	Third Year	OBC
42	812115114063	SURYA S	Mechanical	Third Year	OBC
43	812115114064	SUTHISH RAJ S	Mechanical	Third Year	OBC
44	812115114065	VIGNESH R	Mechanical	Third Year	SC
45	812115114301	M.ARUN	Mechanical	Third Year	OBC
46	812115114302	ASHIK AMEEN A.M	Mechanical	Third Year	GEN
47	812115114303	ATHIEF ANEES A.M	Mechanical	Third Year	OBC
48	812115114305	PRABAKARAN.B	Mechanical	Third Year	OBC
49	812115114306	UKESH KUMAR.S	Mechanical	Third Year	OBC
50	812115114501	VIGNESH.K	Mechanical	Third Year	SC
51	812115114502	GOWSIK.P	Mechanical	Third Year	OBC
52	812115114504	JOSEPH VIKRAM.V	Mechanical	Third Year	OBC
53	812115114503	JAYAKUMAR	Mechanical	Third Year	OBC
54	812115101019	PARANTHAMAN T	Aero	Third Year	OBC
55	812115101020	POOVARASAN M	Aero	Third Year	OBC
56	812115101021	ROMANIS S	Aero	Third Year	OBC

57	812115101023	VIJAY FEROZ A	Aero	Third Year	SC
58	812115115026	THAMARAI SELVAN.S	Mechatronics	Third Year	OBC
59	812115115029	WILFRED PAUL RAJ. J	Mechatronics	Third Year	OBC
60	812115115301	K.ABINESH	Mechatronics	Third Year	OBC
61	812115115302	DILON ANTONY	Mechatronics	Third Year	OBC
62	812115115304	MAHARAJA	Mechatronics	Third Year	SC
63	812115115305	NITHYANANTHAM	Mechatronics	Third Year	SC
64	812115115306	VENKATESHWARAN	Mechatronics	Third Year	OBC
65	812115105008	Ramesh. V	EEE	Third Year	OBC
66	812115105010	VIJAYA PRAJESH. K	EEE	Third Year	SC
67	812115105302	VISHWA ANAND B	EEE	Third Year	OBC

Girls Students

1	812114105017	SHANTHINI.M	EEE	Final Year	OBC
2	812114106008	Sahana Begum M	ECE	Final Year	SC
3	812114106010	Yalini M	ECE	Final Year	OBC
4	812114106302	Seethalakshmi M	ECE	Final Year	OBC
5	812115106007	Harshini.M	ECE	Third Year	OBC
6	812115106008	Kalpana.K	ECE	Third Year	OBC
7	812115106009	Madhumitha.A	ECE	Third Year	OBC
8	812115106010	Madhumitha.K	ECE	Third Year	OBC
9	812115106011	Malathi.V	ECE	Third Year	OBC
10	812115106013	Maria Julie.C	ECE	Third Year	OBC
11	812115106014	Mownika.S	ECE	Third Year	OBC
12	812115106015	Priyanka.G	ECE	Third Year	SC
13	812115106016	Ramalakshmi.G	ECE	Third Year	OBC
14	812115106018	Reetta.D	ECE	Third Year	OBC
15	812115106020	Sharmila.M	ECE	Third Year	OBC
16	812115106021	Sridevi.A	ECE	Third Year	OBC
17	812115106022	SumaiyaSulthana.S	ECE	Third Year	SC
18	812115106023	Suryakala M	ECE	Third Year	SC

19	812115106024	Sushmitha.K	ECE	Third Year	OBC
20	812115106025	Swetha.L.N	ECE	Third Year	OBC
21	812115106026	UmaMakeshwari.S	ECE	Third Year	SC
22	812115105002	AMREEN SULTHANA BEGAM. R	EEE	Third Year	OBC
23	812115105003	GAYATHRI. M	EEE	Third Year	OBC
24	812115105005	LAVANYA.T.	EEE	Third Year	SC
25	812115105007	POOJA .S.	EEE	Third Year	SC
26	812115105301	LAKSHMI PRIYA.E	EEE	Third Year	OBC

Annexure –II

DST NIMAT Project 2017-18

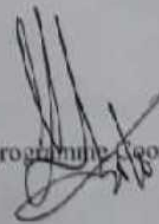
PROFORMA FOR STATEMENT OF PROGRAMME COMPLETION

(To be submitted within a week after completion of each programme)

1. Name of the organization	:	M A M School of Engineering
2. Programme	:	E A C
3. Programme Location	:	Siruganur- Tiruchirapalli- 621 105
4. Name of the Trainer – Motivator / Coordinator	:	Dr.P.Ranjith Kumar
5. Date of launching promotional activities	:	
6. Date of selection (Interview)	:	
7. Date of commencement of the programmes	:	EAC 1: 06.07.2017 EAC 2: 10.08.2017 EAC 3: 06.09.2017
8. Date of completion of the programme	:	EAC 1: 08.07.2017 EAC 2: 12.08.2017 EAC 3: 08.09.2017
9. Number of participants	:	EAC 1: 100 (Boys : 84,Girls:16) EAC 2: 95 (Boys: 82,Girls :13) EAC 2: 93 (Boys: 67,Girls :26)
10. Trade (For TEDP only)	:	N.A

Date: 28-04-18

Signature of programme Coordinator



Annexure -III

DST NIMAT Project 2017-18

PROFORMA FOR STATEMENT OF PROGRAMME COMPLETION

NAME OF THE GRANTEE INSTITUTION : M A M School of Engineering

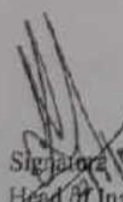
ADDRESS : Trichy- Chennai Trunk Road,
Siruganur, Trichirapalli-621105

SANCTION LETTER NO & DATE : EDI/DST-NIMAT / 17-18/25 Dt: 26/04/17
AMOUNT (Rs) : Rs60000/ (3 Programmes)

Purpose of grant : To conduct Entrepreneurship Awareness Camp

Sl No	Item of expenditure (in the same order as given in terms & conditions)	Sanctioned Expenditure in Rs	Actual Expenditure in Rs	Variation (Excess / Shortfall)	Reasons Justification for variation
1	2	3	4	5	6
1	Manpower Including honorarium to experts	15000	15000	-	-
2	Travel & factory visit	13500	13500	-	-
3	Misc & Contingency	22500	22500	-	-
4	Admin & Overheads	9000	9000	-	-
5	Total Rs.	60000	60000	-	-

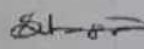
(In words, Rs. Sixty thousands only)


Signature
Head of Institution
(with rubber stamp)

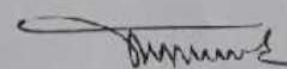
Dr. P. RANJITH KUMAR
PRINCIPAL
M.A.M.SCHOOL OF ENGINEERING
SIRUGANUR, TRICHY - 105


Signature
Programme
Coordinator

Dr. P. RANJITH KUMAR
PRINCIPAL (with rubber stamp)
M.A.M.SCHOOL OF ENGINEERING
SIRUGANUR, TRICHY - 105


Signature
Finance & A/c
Officer of Institute

Ph 270264
CA.M.MURUGESAN B.Com,PG
CHARTERED ACCOUNTANT


M. No. 020117
60/15, New Metro Complex,
Singarathoppa, Trichy - 620 008
Signature
Auditor (CA)

M.A.M SCHOOL OF ENGINEERING
Siruganur, Trichy - 621 105.

Annexure -IV

DST NIMAT Project 2017-18


UTILISATION CERTIFICATE

(To be sent in duplicate)

For the financial year 2017-18 (Ending 31st March)


- | | |
|---|--|
| 1. Title of the project / Scheme | : Three days EAC |
| 2. Name of the Organization | : M A M School of Engineering |
| 3. Principal Investigator | : Dr. P. Ranjith Kumar |
| 4. EDI Ahmadabad Letter No & Date
Sanctioning the project | : EDI/ DST-NIMAT / 17-18/25
Dt 26.04.2017 |
| 5. Amount brought forward from the previous
financial year (Quoting EDI, Ahmadabad
Letter No. and date in which the Authority
to carry forward the said amount was given) | : NIL |
| 6. Amount resolve from EDI during the financial year
(PI give No & date of sanction showing the amt paid) | : |
| 7. Total amount that was available for Expenditure
(Excluding commitments incurred during the financial year
(SI No 5 + 6) | : NIL |
| 8. Actual Expenditure (Excluding commitments)
Incurred during the financial year | : Rs.60000/- |
| 9. Unspent balance refunded if any
(pl give details of cheque No. etc) | : NIL |
| 10. Balance Amount available at the end of the financial year | : NIL |
| 11. Amount allowed to be carried forward to the next financial year vide letter No. | : NA |

Certified that the expenditure of Rs. 20000/- (Rs. Twenty thousands only) mentioned against col.8 was actually incurred in the projects / scheme for the purpose 1 which it was sanctioned.


Signature of the Principal Investigator
Dr. P. RANJITH KUMAR, M.E., Ph.D.,
PRINCIPAL
M.A.M. School of Engineering
Siruganur, Trichy-621 105.


Signature of Register / A/c officer

M.A.M. SCHOOL OF ENGINEERING
Siruganur, Trichy - 621 105.


Signature of Head of the organization
Dr. P. RANJITH KUMAR, M.E., Ph.D.,
PRINCIPAL
M.A.M. School of Engineering
Siruganur, Trichy-621 105.

Entrepreneurship Awareness Camp-1 Sample Photographs



Entrepreneurship Awareness Camp1 -Industrial Visits



Sun Beam Structural Pvt Ltd , Trichy

Entrepreneurship Awareness Camp-2 Photographs



Mr. V.R. Hari Balaji
National Consultant - Disaster Management

Entrepreneurship Awareness Camp2 -Industrial Visit



G K Industries , Trichy

PERFECT INTERNATIONAL FABRICATORS LTD

PERFECT INTERNATIONAL FABRICATORS LTD



Perfect International Fabricators Ltd

Entrepreneurship Awareness Camp-3 Photographs



Mr.B.Karthigaivasan,
Additional Director,DIC



Mr.Y.S.Ariff ,Branch Manager – Punjab National Bank-Siruganur,Trichy

Entrepreneurship Awareness Camp3 -Industrial Visits



Jothi Malleable Industries , Trichy

KOTHARI SUGAR MILLS

KOTHARI SUGAR MILLS



FEEDBACK ANALYSIS OF PARTICIPANT

programme Location: M A M SCHOOL OF ENGINEERING

Q. 1) From where you got the information about this programme?

- a) Pamphlet / Brochure b) News Paper Advertisement
- c) Posters / Hand bills d) Others (please specify)

Q 2) What is your opinion about the duration of the programme?

- a) Short b) Adequate c) Long

Q 3) Did you find the programme useful?

- a) Very much b) To some extent c) Not useful

Q 4) Did it fulfill your expectation?

- a) Yes b) To some extent c) No

Q 5) Planning of the programme

- a) Excellent b) Very good c) Good d) Satisfactory e) Poor

ANNEXURE – V

FEEDBACK ANALYSIS OF PARTICIPANT

Programme : Three days Entrepreneurship Awareness Camp (EAC) (CAMP -1)

programme Location: M A M SCHOOL OF ENGINEERING

Date : from 06.07.2017 to 08.07.2017

Q. 1) From where you got the information about this programme?

a) Pamphlet / Brochure	40 Nos	40%
b) News Paper Advertisement	23Nos	23%
c) Posters / Hand bills	12 Nos	12%
d) Others (please specify)	25Nos	25%

Q 2) What is your opinion about the duration of the programme?

a) Short	25Nos	25%
b) Adequate	43Nos	43%
c) Long	32 Nos	32%

Q 3) Did you find the programme useful?

a) Very much	32Nos	32%
b) To some extent	56Nos	56%
c) Not useful	12Nos	12%

Q 4) Did it fulfill your expectation?

a) Yes	47Nos	47%
b) To some extent	38Nos	38%
c)No	15Nos	15%

Q 5) Planning of the programme

a) Excellent	22 Nos	22%
b) Very good	14Nos	14%
c) Good	27Nos	27%
d) Satisfactory	16Nos	16%
e) Poor	21Nos	21%

FEEDBACK ANALYSIS OF PARTICIPANT

Programme : Three days Entrepreneurship Awareness Camp (EAC) (CAMP -2)
programme Location: M A M SCHOOL OF ENGINEERING
Date : from 10.08.2017 to 12.08.2017

Q. 1) From 'where you got the information about this programme?

a) Pamphlet / Brochure	37 Nos	39%
b) News Paper Advertisement	21Nos	22%
c) Posters / Hand bills	19 Nos	20%
d) Others (please specify)	18Nos	19%

Q 2) What is your opinion about the duration of the programme?

a) Short	28Nos	29%
b) Adequate	32Nos	34%
c) Long	35 Nos	37%

Q 3) Did you find the programme useful?

b) Very much	23Nos	24%
b) To some extent	43Nos	45%
c) Not useful	29Nos	31%

Q 4) Did it fulfill your expectation?

b) Yes	29Nos	30%
b) To some extent	30Nos	32%
c)No	36Nos	38%

Q 5) Planning of the programme

b) Excellent	28 Nos	29%
b) Very good	18Nos	19%
c) Good	17Nos	18%
d) Satisfactory	24Nos	25%
e) Poor	8Nos	9 %

FEEDBACK ANALYSIS OF PARTICIPANT

Programme : Three days Entrepreneurship Awareness Camp (EAC) (CAMP -3)

programme Location: M A M SCHOOL OF ENGINEERING

Date : from 06.09.2017 to 08.09.2017

Q. 1) From where you got the information about this programme?

a) Pamphlet / Brochure	33 Nos	35%
b) News Paper Advertisement	18Nos	19%
c) Posters / Hand bills	21 Nos	23%
d) Others (please specify)	21Nos	23%

Q 2) What is your opinion about the duration of the programme?

a) Short	27Nos	29%
b) Adequate	35Nos	38%
c) Long	31 Nos	33%

Q 3) Did you find the programme useful?

c) Very much	34Nos	37%
b) To some extent	38Nos	41%
c) Not useful	21Nos	22%

Q 4) Did it fulfill your expectation?

c) Yes	26Nos	28%
b) To some extent	33Nos	35%
c)No	34Nos	37%

Q 5) Planning of the programme

c) Excellent	25 Nos	27%
b) Very good	23Nos	25%
c) Good	19Nos	20%
d) Satisfactory	16Nos	17%
e) Poor	10Nos	11 %



M.A.M. SCHOOL OF ENGINEERING

An ISO 9001 : 2008 Certified Institution

Date: 19.06.2019

Dr.P.Ranjithkumar,M.E.,Ph.D.,
Principal
Ref No: MAMSE/EAC/2019 / 007

To

Mr.S.B.Sareen

Project Director- Member Secretary DST-NIMAT Project

Entrepreneurship Development Institute of India,

P.O. Bhat, Ghadhi Nagar,

Gujarat-382 428

Dear Sir,

Sub : **Programme Completion Report of EAC- Reg**

With reference to the proposal sent from our institution for seeking support for conducting Entrepreneurship Awareness Camp in our premises and it was duly acknowledge by your letter , Ref No:- EDI /DST-NIMAT / 18-19 /RLS -I / 369 Dt:21/08/2018, sanctioning an amount of Rs.40000/ towards to conduct two EAC programmes in this academic year.

In this connection, we would like to submit the following.

1. The details about the two EAC programmes , which were conducted for three days each.
2. The target audience were Third year (for Programme -I) and Second year (for Programme -II) Engineering students from our college.
3. Experts from industries and other fields were invited as the resource persons.
4. The camp was conducted as per the norms

We thank you for your encouragement by sanctioning the financial assistance for the successful conduct of this EAC. Please send the balance amount Rs.8,000 of the sanctioned amount Rs.40,000 / of these programmes to us as early as possible.

Regards,


(Dr. P. Ranjithkumar



Principal) Trichy - Chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105.

0431 - 2910218 / 2910219, Mob : 7708000972

<http://www.mamse.co.in> Email : principal@mamse.co.in





M.A.M SCHOOL OF ENGINEERING

[An ISO 9001:2008 Certified Institution]

Chennai - Trichy Trunk Road
Siruganur, Trichy - 621 105, Tamil Nadu



SUBMISSION OF PROGRAMME COMPLETION REPORT OF ENTREPRENEURSHIP AWARENESS CAMPS (EAC)

Dr.P.Ranjith Kumar M.E.,Ph.D -EAC Convenor
Professor & Principal
M.A.M School Of Engineering
Siruganur, Trichy -621 105.

Table of Contents.....

1. Certificate of Receipt of 1st Installment
2. Proforma for Statement of Programme completion
3. Proforma for Statement of Audited Expenditure
4. Utilization Certificate
5. Annexure I -List of Participants
6. Annexure II - Programme Schedule
7. Annexure III - List of Resource persons
8. Annexure IV – List of Industries visited
9. Annexure V - Participants Feedback
10. Programme Photographs



M.A.M. SCHOOL OF ENGINEERING

An ISO 9001 : 2008 Certified Institution

Date :

Date : 19.06.2019

Certificate of Receipt of 1st Installment

This is to certified that we have received 80 % of the sanctioned amount of Rs.32000/(Rs. Thirty two Thousands only, for the two EAC Programmes) through UTR No / Trans Id No. NEFT -HDFC -BD 18081669855223 Dt 16.08.2018, based on the agreement signed between EDI and our organization for conducting programmes under DST-NIMAT project 2018-19.


EAC Coordinator
Dr. P.RANJITH KUMAR, M.E., Ph.D.,
PRINCIPAL
M.A.M. School of Engineering
Siruganur, Trichy-621 105.


Principal
Dr. P.RANJITH KUMAR, M.E., Ph.D.,
PRINCIPAL
M.A.M. School of Engineering
Siruganur, Trichy-621 105.



Trichy - Chennai Trunk Road, Siruganur, Tiruchirappalli - 621 105.

0431 - 2910218 / 2910219, Mob : 7708000972

<http://www.mamse.co.in> Email : principal@mamse.co.in

DST NIMAT Project 2018-19

PROFORMA FOR STATEMENT OF PROGRAMME COMPLETION

1. Name of the organization : M A M School of Engineering
2. Programme : E A C
3. Programme Location : Siruganur- Tiruchirapalli- 621 105
4. Name of the Trainer – Motivator / Coordinator : Dr.P.Ranjith Kumar
5. Date of launching promotional activities :
6. Date of selection (Interview) :
7. Date of commencement of the programmes : EAC I: 20.09.2018
EAC II : 14.02.2019
8. Date of completion of the programme : EAC I: 25.09.2018
EAC II : 16.02.2019
9. Number of participants : EAC I : 107 Students
(Boy- 88 + Girls 19)
EAC II; 121 Students
(Boys- 89 + Girls 32)
10. Trade (For TEDP only) : N.A

Date: 19-06-2019.


Signature of
Programme Coordinator
Dr. P.RANJITH KUMAR, M.E., Ph.D.
PRINCIPAL
M.A.M. School of Engineering
Siruganur, Trichy-621 105.

DST NIMAT Project 2018-19

PROFORMA FOR STATEMENT OF PROGRAMME COMPLETION

(Audited Expenditure)

NAME OF THE GRANTEE INSTITUTION : M A M School of Engineering

ADDRESS : Trichy- Chennai Trunk Road,
Siruganur, Trichirapalli-621105

SANCTION LETTER NO & DATE : EDI/DST-NIMAT / 18-19/369 Dt: 21/08/2018

AMOUNT (Rs) : Rs40000/

(for conducting two EAC programmes in the academic year 2018-19)

Purpose of grant : To conduct Entrepreneurship Awareness Camp

Sl No	Item of expenditure (in the same order as given in terms & conditions)	Sanctioned Expenditure in Rs (For two Programmes)	Actual Expenditure in Rs (For two programmes)	Variation (Excess / Shortfall)	Reasons Justification for variation
1	2	3	4	5	6
1	Manpower Including honorarium to experts	10000	10000	-	-
2	Travel & factory visit	9000	9000	-	-
3	Misc & Contingency	15000	15000	-	-
4	Admin & Overheads	6000	6000	-	-
5	Total Rs.	40000	40000	-	-

(In words, Rs. Twenty thousand / Programme, Total of Rs.40000/ Forty thousand for 2 programmes for the academic year 2018 -19)

Signature
Head of Institution
(with rubber stamp)

Dr. P.RANJITH KUMAR, M.E, Ph.D.
PRINCIPAL
M.A.M. School of Engineering
Siruganur, Trichy-621 105.

Signature
Programme
Coordinator

Dr. P.RANJITH KUMAR, M.E, Ph.D.
PRINCIPAL (with rubber stamp)
M.A.M. School of Engineering
Siruganur, Trichy-621 105.

Signature
Finance & A/c
Officer of Institute




DST NIMAT Project 2018-19
UTILISATION CERTIFICATE

(To be sent in duplicate)


For the financial year 2018-19 (Ending 31st March)

- | | |
|---|---|
| 1. Title of the project / Scheme | : Two EAC Programme
(Three days each) |
| 2. Name of the Organization | : M A M School of Engineering |
| 3. Principal Investigator | : Dr. P. Ranjith Kumar |
| 4. EDI Ahmadabad Letter No & Date
Sanctioning the project | : EDI/ DST-NIMAT / 18-19/369
Dt 21/08/2018 |
| 5. Amount brought forward from the previous
financial year (Quoting EDI, Ahmadabad
Letter No. and date in which the Authority
to carry forward the said amount was given) | : NIL |
| 6. Amount resolve from EDI during the financial year
(Pl give No & date of sanction showing the amt paid) | : |
| 7. Total amount that was available for Expenditure
(Excluding commitments incurred during the financial year
(SI No 5 + 6) | : NIL |
| 8. Actual Expenditure (Excluding commitments)
Incurred during the financial year. | : Rs.40000/ |
| 9. Unspent balance refunded if any
(pl give details of cheque No. etc) | : NIL |
| 10. Balance Amount available at the end of the financial year | : NIL |
| 11. Amount allowed to be carried forward to the next financial year vide letter No. | : NA |

Certified that the expenditure of Rs. 40000/ (Rs. Forty thousands only) mentioned against col.8 was actually incurred in the projects / scheme for the purpose 1 which it was sanctioned.


Signature of the Principal Investigator
Dr. P. RANJITH KUMAR, M.E., Ph.D.,
PRINCIPAL
M.A.M. School of Engineering
Siruganur, Trichy-621 105.


Signature of Register / A/c officer
M.A.M. SCHOOL OF ENGINEERING
SIRIGANUR, TIRUCHIRAPPALLI-621 105.


Signature of Head of the Organization
Dr. P. RANJITH KUMAR, M.E., Ph.D.,
PRINCIPAL
M.A.M. School of Engineering
Siruganur, Trichy-621 105.

ANNEXURE – I
List of Participants
EAC Programme I

Programme Date : From 20.09.2018 to 25.09.2018 (Three days)

Sl. No.	Name of Participant	Age	Male / Female	Education (B E)	Category: Gen / SC / ST / OBC / Minority	Aadhaar Number
1	2	3	4	5	6	7
1	H.ABDUL RASHEED	20	Male	Mechanical	OBC	571521358549
2	S.AKASH	19	Male	Mechanical	SCA	205086164948
3	B.AKSHAYA BALA	19	Male	Mechanical	SC	984550243874
4	A.ALPHAN	19	Male	Mechanical	SC	471623803521
5	T.G.ANBUSELVAN	20	Male	Mechanical	SC	307282098300
6	ANEES AHAMED .A	19	Male	Mechanical	OBC	890886391161
7	J.ARAVINDH	19	Male	Mechanical	SC	Applied
8	A.ARAVINDHAN	19	Male	Mechanical	SC	713322725683
9	S.ARIGOVIDHAN	20	Male	Mechanical	SC	340008004151
10	M.BHARATHIRAJA	19	Male	Mechanical	SC	4766 6261 3378
11	M.BOOBALAN	19	Male	Mechanical	SC	580485526191
12	K.DEEPAN CHAKKARAVARATHY	19	Male	Mechanical	BC	536234173180
13	R.GOGUL	19	Male	Mechanical	OBC	313585830773
14	K.GOPALAKRISHNAN	19	Male	Mechanical	SC	415961410271
15	R.JEEVARASAN	19	Male	Mechanical	SC	961650803761
16	P.JENITH	19	Male	Mechanical	SC	657336204846
17	K.KANAGARAJ	19	Male	Mechanical	MBC	426468437422
18	K.KARUNAKARAN	19	Male	Mechanical	MBC	857000651347
19	M.MANIKANDAN	19	Male	Mechanical	SC	289052464299
20	N.MANIMARAN	19	Male	Mechanical	SC	853621056676
21	S.MATHIVANAN	20	Male	Mechanical	SC	605790519340
22	N.MOHAMED MUZZAMMIL	19	Male	Mechanical	OBC	934484418294
23	M.MOORTHY	19	Male	Mechanical	SC	212751502679

24	M.MUTHUKUMAR	19	Male	Mechanical	SC	342646885401
25	K.MUTHURAJ	20	Male	Mechanical	BC	758296908761
26	K.NAVANEETHA KRISHNAN	20	Male	Mechanical	OC	266734208942
27	NAVEEN KUMAR.K	19	Male	Mechanical	BC	878597707315
28	NAVEEN.C	19	Male	Mechanical	SC	642970992119
29	NEETHI DEVAN.C	20	Male	Mechanical	SC	448551843600
30	PAUL RAJE	19	Male	Mechanical	SC	668820876240
31	J.KARTHEESWARAN	20	Male	Mechanical	MBC	970634914608
32	RJIYAAZ AHAMED	21	Male	Mechanical	OBC	385391130115
33	PRAVEEN.B	19	Male	Mechanical	SC	662318715349
34	PRAVEEN.C	20	Male	Mechanical	SC	804879940363
35	PUHAZHENTHI M	20	Male	Mechanical	OBC	663687433384
36	RAJADURAI.P	21	Male	Mechanical	SC	329214004128
37	RAMANAN.V	19	Male	Mechanical	SC	922741852400
38	RAMKUMAR.V	19	Male	Mechanical	SC	268085004122
39	RANJITH.A	20	Male	Mechanical	SC	457448273660
40	RANJITH.R	19	Male	Mechanical	OBC	981719810462
41	SANGILI PANDIAN SURAJ.S	19	Male	Mechanical	SC	828633772299
42	SANTHOSH KUMAR.U	20	Male	Mechanical	SC	647207807870
43	SARAN.J	21	Male	Mechanical	SC	932227717864
44	SARATH KUMAR.K	20	Male	Mechanical	SC	430270803890
45	SARAVANA KUMAR P	19	Male	Mechanical	MBC	223958183900
46	SASI KUMAR.A	19	Male	Mechanical	SC	589966990810
47	SELVA.A	21	Male	Mechanical	SC	255617796549
48	SENTHIL KUMAR.D	19	Male	Mechanical	SC	946943628245
49	SHAMEER.H	19	Male	Mechanical	BCM	501761390414
50	SOORIYA PRAKASH.R	20	Male	Mechanical	SC	715183986126
51	SUDARVANAN.M	19	Male	Mechanical	SC	779630729762
52	SUNDAR P	19	Male	Mechanical	BC	401539532176

53	THIRUMALAI.M	19	Male	Mechanical	SC	791598437133
54	VASANTHA RAJA.M	19	Male	Mechanical	OBC	715897069279
55	VASANTH KUMAR S	20	Male	Mechanical	BC	526779330857
56	VEERAIYA.M	19	Male	Mechanical	SC	337785667128
57	VEERA KUMAR D	19	Male	Mechanical	SC	250502352796
58	VELMOORTHIG	20	Male	Mechanical	SC	817865188436
59	VIGNESH.K	19	Male	Mechanical	SC	494997341840
60	VISHNU KUMAR.R	20	Male	Mechanical	SC	844230626913
61	VISHVA B	19	Male	Mechanical	SC	518644330694
62	VIVEK.M	20	Male	Mechanical	SC	417314774149
63	YUKESH K	19	Male	Mechanical	BC	314834686183
64	MATHAN.R	21	Male	Mechanical	DNC	658265793939
65	K.SURIYA	21	Male	Mechanical	SC	826118967646
66	FAIZAL HAMEED.M	20	Male	Mechanical	BCM	619138063453
67	ABINAYA.S	19	Female	CSE	SC	367423182043
68	ALEX PANDIAN.M	20	Male	CSE	SC	592782811247
69	ANITHA DEVI.C	19	Female	CSE	SC	745961624235
70	ARUN KUMAR A	19	Male	CSE	SC	336167931420
71	DEEPA.G	19	Female	CSE	SC	619262294981
72	FIRTHOUS BANUN	19	Female	CSE	BC	
73	GAJALAKSHMI.T	19	Female	CSE	SC	997912740895
74	JEYANTHI.K	19	Female	CSE	SC	519527408344
75	KAVITHA.A	20	Female	CSE	SC	682039949532
76	KAYATHIRI.B	19	Female	CSE	SC	
77	MAGESH.A	20	Male	CSE	ST	960124592761
78	MURUGANANTHAM A.L	19	Male	CSE	SC	241027544978
79	PUNITHA R	19	Female	CSE	SC	449282236362
80	REENA.S	19	Female	CSE	MBC	517554382094
81	REKA.X	19	Female	CSE	BCC	492068857216
82	SATHYA.M	20	Female	CSE	SC	345254060864

83	SENTHAMIL SELVI K	19	Female	CSE	MBC	364410238489
84	SUVITHA C	20	Female	CSE	SC	906118658533
85	TAMIL SELVI A	19	Female	CSE	SC	935849926051
86	THILAGAVATHI K	19	Female	CSE	SC	963198547700
87	VIJAY B	19	Male	CSE	SC	969612188847
88	ABUBACKER SIDDIQUE M	19	Male	EEE	BCM	736058131079
89	ARUN KUMAR A	21	Male	EEE	ST	451196717239
90	BANISHAGANDHIMATHI P	20	Male	EEE	SC	637813143744
91	GOWTHAM K	19	Male	EEE	SC	536515505708
92	J.JOTHILAKSHMI	19	Female	EEE	SC	331852118237
93	M.KALAISELVAN	19	Male	EEE	SC	893889037905
94	KARTHICK S	19	Male	EEE	SC	401283231641
95	A.MAHAVISHNU	19	Male	EEE	SC	478628904544
96	MOHAMED AFRAR M	20	Male	EEE	BCM	896302312192
97	S.MOHAMED AASHIK	19	Male	EEE	BCM	686137775064
98	MONIKA P	19	Female	EEE	SC	878604723656
99	MUGIL SURIYA P	19	Male	EEE	SC	895727718026
100	K.NAVEENKUMAR	19	Male	EEE	SC	793916041400
101	NAVEEN KUMAR M	19	Male	EEE	SC	201918841419
102	RAGUL DRAVID K	20	Male	EEE	SC	917561103575
103	P.RAJARAJAN	19	Male	EEE	SC	374456814274
104	S.SARAVANAN	19	Male	EEE	SC	986624197647
105	R.SRINATH	19	Male	EEE	SC	401503130213
106	R.YUVASRI	19	Female	EEE	SC	688755438878
107	V.ABDULKATHARIBRAHIM	20	Male	EEE	BCM	826675289579

Programme Date : From 14.02.2019 to 15.02.2019 (Three days)

Sl. No.	Name of Participant	Age	Male / Female	Education (B E)	Category: Gen / SC / ST / OBC / Minority	Aadhaar Number
1	2	3	4	5	6	7
1	ARUNKUMAR.M	19	Male	Aeronautical	MBC	411947511318
2	DIVYA P	19	Female	Aeronautical	SC	984391913532
3	JAYAPRAKASH.R	20	Male	Aeronautical	BC	961175063087
4	KALAIDEEPAN .D	19	Male	Aeronautical	SC	348477460926
5	KAVIYA S	19	Female	Aeronautical	BC	547433245346
6	MOHAMED ILIYAS M	19	Male	Aeronautical	BC	484314181382
7	MOULI M	19	Male	Aeronautical	SC	777819051431
8	NAVIN KUMAR.A	19	Male	Aeronautical	SC	492488223135
9	NAVINDAR M	20	Male	Aeronautical	SC	959761155773
10	PALANISAMY.P	19	Male	Aeronautical	MBC	206961502782
11	PASUPATHI.K	19	Male	Aeronautical	SC	898989300615
12	PRADEEPAN R	20	Male	Aeronautical	SC	382900377564
13	PRASANTH M	19	Male	Aeronautical	SC	391894713884
14	RANJITHKUMAR.A [Redo]	21	Male	Aeronautical	ST	871096171883
15	SAJAHAN B	19	Male	Aeronautical	BC	499748101476
16	SOUNTHIRARAJAN.P	20	Male	Aeronautical	SC	302699664686
17	SRIDHARAN D	20	Male	Aeronautical	SC	859213018636
18	YUVASHRI.R	19	Female	Aeronautical	SC	318140714730
19	ABDUL VAHITH A	20	Male	CSE	BC	205827165647
20	ABIRAMI A	20	Female	CSE	SC	770973803394
21	ARTHI.S	19	Female	CSE	SC	780223575911
22	DIVYA K	19	Female	CSE	SC	463562574241
23	KOWSALYA M	19	Female	CSE	SC	807396452510

23	WILLIAMS, VANCE E	25	Male	CNE	BC	952727149326
24	WILLIAMS, T	25	Female	CNE	BC	410147337631
25	WILLIAMS, S	25	Male	CNE	BC	870987473074
26	WILLIAMS, W	25	Female	CNE	BC	870987473075
27	WILLIAMS, W	25	Female	CNE	BC	870987473076
28	WILLIAMS, W	25	Male	CNE	BC	870987473077
29	WILLIAMS, W	25	Male	CNE	BC	870987473078
30	WILLIAMS, W	25	Male	CNE	BC	870987473079
31	WILLIAMS, W	25	Male	CNE	BC	870987473080
32	WILLIAMS, W	25	Male	CNE	BC	870987473081
33	WILLIAMS, W	25	Male	CNE	BC	870987473082
34	WILLIAMS, W	25	Male	CNE	BC	870987473083
35	WILLIAMS, W	25	Male	CNE	BC	870987473084
36	WILLIAMS, W	25	Male	CNE	BC	870987473085
37	WILLIAMS, W	25	Male	CNE	BC	870987473086
38	WILLIAMS, W	25	Male	CNE	BC	870987473087
39	WILLIAMS, W	25	Male	CNE	BC	870987473088
40	WILLIAMS, W	25	Male	CNE	BC	870987473089
41	WILLIAMS, W	25	Male	CNE	BC	870987473090
42	WILLIAMS, W	25	Male	CNE	BC	870987473091
43	WILLIAMS, W	25	Male	CNE	BC	870987473092
44	WILLIAMS, W	25	Male	CNE	BC	870987473093
45	WILLIAMS, W	25	Male	CNE	BC	870987473094
46	WILLIAMS, W	25	Male	CNE	BC	870987473095
47	WILLIAMS, W	25	Male	CNE	BC	870987473096
48	WILLIAMS, W	25	Male	CNE	BC	870987473097
49	WILLIAMS, W	25	Male	CNE	BC	870987473098
50	WILLIAMS, W	25	Male	CNE	BC	870987473099
51	WILLIAMS, W	25	Male	CNE	BC	870987473100
52	WILLIAMS, W	25	Male	CNE	BC	870987473101
53	WILLIAMS, W	25	Male	CNE	BC	870987473102
54	WILLIAMS, W	25	Male	CNE	BC	870987473103
55	WILLIAMS, W	25	Male	CNE	BC	870987473104
56	WILLIAMS, W	25	Male	CNE	BC	870987473105
57	WILLIAMS, W	25	Male	CNE	BC	870987473106
58	WILLIAMS, W	25	Male	CNE	BC	870987473107
59	WILLIAMS, W	25	Male	CNE	BC	870987473108
60	WILLIAMS, W	25	Male	CNE	BC	870987473109
61	WILLIAMS, W	25	Male	CNE	BC	870987473110
62	WILLIAMS, W	25	Male	CNE	BC	870987473111
63	WILLIAMS, W	25	Male	CNE	BC	870987473112
64	WILLIAMS, W	25	Male	CNE	BC	870987473113
65	WILLIAMS, W	25	Male	CNE	BC	870987473114
66	WILLIAMS, W	25	Male	CNE	BC	870987473115
67	WILLIAMS, W	25	Male	CNE	BC	870987473116
68	WILLIAMS, W	25	Male	CNE	BC	870987473117
69	WILLIAMS, W	25	Male	CNE	BC	870987473118
70	WILLIAMS, W	25	Male	CNE	BC	870987473119
71	WILLIAMS, W	25	Male	CNE	BC	870987473120
72	WILLIAMS, W	25	Male	CNE	BC	870987473121
73	WILLIAMS, W	25	Male	CNE	BC	870987473122
74	WILLIAMS, W	25	Male	CNE	BC	870987473123
75	WILLIAMS, W	25	Male	CNE	BC	870987473124
76	WILLIAMS, W	25	Male	CNE	BC	870987473125
77	WILLIAMS, W	25	Male	CNE	BC	870987473126
78	WILLIAMS, W	25	Male	CNE	BC	870987473127
79	WILLIAMS, W	25	Male	CNE	BC	870987473128
80	WILLIAMS, W	25	Male	CNE	BC	870987473129
81	WILLIAMS, W	25	Male	CNE	BC	870987473130
82	WILLIAMS, W	25	Male	CNE	BC	870987473131
83	WILLIAMS, W	25	Male	CNE	BC	870987473132
84	WILLIAMS, W	25	Male	CNE	BC	870987473133
85	WILLIAMS, W	25	Male	CNE	BC	870987473134
86	WILLIAMS, W	25	Male	CNE	BC	870987473135
87	WILLIAMS, W	25	Male	CNE	BC	870987473136
88	WILLIAMS, W	25	Male	CNE	BC	870987473137
89	WILLIAMS, W	25	Male	CNE	BC	870987473138
90	WILLIAMS, W	25	Male	CNE	BC	870987473139
91	WILLIAMS, W	25	Male	CNE	BC	870987473140
92	WILLIAMS, W	25	Male	CNE	BC	870987473141
93	WILLIAMS, W	25	Male	CNE	BC	870987473142
94	WILLIAMS, W	25	Male	CNE	BC	870987473143
95	WILLIAMS, W	25	Male	CNE	BC	870987473144
96	WILLIAMS, W	25	Male	CNE	BC	870987473145
97	WILLIAMS, W	25	Male	CNE	BC	870987473146
98	WILLIAMS, W	25	Male	CNE	BC	870987473147
99	WILLIAMS, W	25	Male	CNE	BC	870987473148
100	WILLIAMS, W	25	Male	CNE	BC	870987473149

55	JEYAPRIYA K	19	Female	ECE	SC	814717964663
56	MALAVIKA K	19	Female	ECE	BC	633034331998
57	MENAKA J	19	Female	ECE	BC	474306895053
58	MOHANA PRIYA	19	Female	ECE	SC	875514186412
59	PAVITHRA S	19	Female	ECE	SC	950901878791
60	RAJAVEL G	19	Male	ECE	SC	354199588291
61	SANDHIYA.M	21	Female	ECE	SC	320911217041
62	SANGEETHA.S	20	Female	ECE	SC	718652905715
63	SATHYA.M	19	Female	ECE	ST	571981616154
64	SUBHA.S	19	Female	ECE	SC	757406050439
65	SUMATHI.K	20	Female	ECE	SC	942294608432
66	ANANDABABU P	20	Male	EEE	SC	256599106279
67	BHARATHI.R	19	Male	EEE	SC	467273517055
68	LAKSHMI.R	20	Male	EEE	SC	775278886056
69	MENAKA.A	19	Female	EEE	SC	888392628772
70	MONISHA C	19	Female	EEE	SC	279018494189
71	RABIN P	19	Male	EEE	BC	659972609312
72	RAGU.R	20	Male	EEE	ST	468038037133
73	SANTHIYA S (10.06.00)	19	Female	EEE	SC	770843591896
74	SANTHIYA S	19	Female	EEE	SC	529455470017
75	SARAVANAN.P	20	Male	EEE	SC	622529109833
76	SATHISH.K	19	Male	EEE	SC	818025721346
77	STEPHEN S	19	Male	EEE	SC	487311483990
78	AJITH S	19	Male	Mechanical	MBC	959034747894
79	AJITH.K	19	Male	Mechanical	SC	Applied
80	AKALYA K	20	Male	Mechanical	SC	Applied
81	AKTHAR AHAMED.S	20	Male	Mechanical	BC	971507029523
82	ALEX PANDI M	19	Male	Mechanical	SC	367094272917
83	ATHIRAJA	21	Male	Mechanical	SC	660935988963
84	BHARATHI P	19	Male	Mechanical	SC	944920134060

85	DHILIP.S	20	Male	Mechanical	SC	257678202759
86	EDISON.G	19	Male	Mechanical	SC	383259832247
87	FAHIM AFSAR S	19	Male	Mechanical	BC	999055769787
88	HARISHRAJS	19	Male	Mechanical	SC	689997744643
89	JAGADEESH.K	21	Male	Mechanical	SC	853393688826
90	JAYASHREE R	19	Male	Mechanical	SC	858591513265
91	JENIFER AGALAYA	19	Male	Mechanical	BC	318104944720
92	KALAIYARASAN V	20	Male	Mechanical	SC	945130140295
93	KAMALESHWARAN A	19	Male	Mechanical	SC	927847285724
94	KEERTHI SANKAR.M	19	Male	Mechanical	MBC	648058053284
95	MAHADIR MOHAMED M	21	Male	Mechanical	BC	324022721224
96	MANIKANDAN.P	19	Male	Mechanical	SC	662451220582
97	MANIMARAN.B	20	Male	Mechanical	MBC	884314841858
98	MOHAMED ABHIDEEN K	20	Male	Mechanical	BC	788609854367
99	MOHAMED ARAFATH.K	19	Male	Mechanical	BC	689519687959
100	MURALI D	19	Male	Mechanical	SC	836078776923
101	NANCY MARY P	19	Female	Mechanical	BC	694727410161
102	NAVEEN KUMAR N	19	Male	Mechanical	SC	887606782094
103	PASUPATHI S	20	Male	Mechanical	SC	308011152861
104	PONMUDI CHOLAN.U	19	Male	Mechanical	SC	488077324345
105	PRAKASH.B	19	Male	Mechanical	BC	443430534317
106	RAMESH K	19	Male	Mechanical	SC	584030241854
107	RENGANATHAN.M	19	Male	Mechanical	BC	237878745520
108	SACHIN RYON.A.V	20	Male	Mechanical	BC	879361991665
109	SELVAKUMAR.D	19	Male	Mechanical	SC	714251517968
110	SENBAGA PANDIAN S	19	Male	Mechanical	MBC	485515972352
111	SIVARAM.S	19	Male	Mechanical	SC	268374821127
112	SULTAN IBRAHIM MARIKHA M	21	Male	Mechanical	BC	628590581422

113	SURYA.A	21	Male	Mechanical	SC	630674581895
114	UDHAYANITHI.B	19	Male	Mechanical	SC	460040174415
115	VASANTHAKUMAR K	20	Male	Mechanical	SC	610098178186
116	VEERAMANI V	20	Male	Mechanical	SC	534825479993
117	VENKATESAN K	20	Male	Mechanical	SC	535138060843
118	VIJAYA PRABAKARAN R	20	Male	Mechanical	SC	735709697260
119	VIJAYA PRATHAP V	19	Male	Mechanical	SC	938955530074
120	VIJLM	19	Male	Mechanical	SC	561362552243
121	VINITH DIFNISH P	19	Male	Mechanical	BC	925680974642

ANNEXURE – II

PROGRAMME SCHEDULE for the EAC Programme. I

Programme Date: From 20.09.2018 to 25.09.2018

(Three days)

Date & Day	Session	Subject / Topic	Faculty
1	2	3	4
20.9.2018 Thursday	i	Inauguration- Camp Objectives , Why be an Entrepreneur	Mr.R.Michael
	ii	Historical background - Indian values vis-a-vis Entrepreneur ship and the present scenario	Dr. P. Subburethina Bharathi
	iii	Technology –Assistance from R & D labs and other institutions on choice of technology	Mr.B.Karthigaivasan,
	iv	Communication Skills for entrepreneur	Mr.Bharathi Prakash,
24.09.2018 Monday	i	Identification of Business opportunities and Mechanisms of product selection	Dr.S.Krishnakumar
	ii	Technical and commercial aspects of SSI units	Dr. R.V. Palanivel
	iii	Financial aspects of SSI unit including salient features of a project report	Mr.K.Susilkumar
	iv	Creativity and business – the man behind the venture – the behavioral scientist's approach	Mr.Bhaskaran.R
25.09.2018 Tuesday	i	How to start a SSI unit	Mr N. Kanagasabapathi
	ii	Schemes of assistance and support available	Prof .Premanand
	iii	Industrial Visit (Katthirmalai Engineering works , Trichy)	
	iv	discussion on the Camp and Factory visit & Valedictory Address	Dr.P.Ranjith Kumar

PROGRAMME SCHEDULE for the EAC Programme. II

Programme Date: From 14.02.2019 to 16.02.2019

(Three days)

Date & Day	Session	Subject / Topic	Faculty
1	2	3	4
14.02.2019 Thursday	i	Inauguration- Camp Objectives , "What am I to Do"	Dr.Rahini
	ii	Aspects of SSI units	Mr.K.Susilkumar
	iii	Points to be keep in mind to become an Entrepreneur	Mr.B.Pattabhiraman,
	iv	Govt Supports Available for an Entrepreneur	Mr.B.Karthigaivasan,
15.02.2019 Friday	i	Communication Skill requirement	Dr. P. SubburethinaBharathi,
	ii	Importance of Project Report Preparation	Dr.B.Augustine Arokiaraj
	iii	Industrial Visit (R K Metal Industries, Trichy)	
	iv		
16.02.2019 Saturday	i	How to reduce the expenses	Mr.S.Kannan,
	ii	"I am an Engineer- Go the extra mile, it is never crowded there"	Mr.Bhaskaran.R
	iii	Searching of Finance	Prof. Premanand
	iv	Feedback collection & valedictory Address	Mr. N. Kanagasabapathi & Dr.P.Ranjith Kumar

ANNEXURE – III

LIST OF FACULTY / RESOURCE PERSON For the EAC Programme I Programme Date: 20.09.2018 to 25.09.2018

Sl No	Name and Address	Designation	Organization
1	Mr.R.Michael Programme Coordinator, TIDITSSIA, SIDCO Complex, Industrial Estate , Ariyamangalam, Trichy-10	Programme Coordinator	TIDITSSIA –(The Tiruchirapalli District Tiny & Small Scale Industries Association)
2	Dr. P. SubburethinaBharathi, Director, M A M Business School , Siruganur, Trichy	Director	M A M Business School , Siruganur, Trichy
3	Mr.B.Karthigaivasan, AD,DIC,Trichy	Assistant Director	District Industry Center ,Trichy
4	Mr.Bharathi Prakash, M A M S E, Siruganur Trichy	Assistant Professor	MAM School of Engineering
5	Dr.S.Krishnakumar Sr.Technical Officer, Ministry of Defence , DRDO . Avadi, Chennai – 54	Sr.Technical Officer	DRDO
6	Dr. R.V. Palanivel Professor , M A M Business School , Trichy -105	Professor	M A M Business School ,
7	Mr.K.Susilkumar Branch Manager, TIIC,Trichy	Branch Manager	TIIC , Trichy
8	Mr.Bhaskaran.R Skill Development Trainer,Manapparai	Skill Development Trainer	Skill Development Center ,Manapparai
9	Mr. N. Kanagasabapathi President – TIDITSSIA,Trichy	President	TIDITSSIA,Trichy
10	Prof .Premanand Professor , M A M Business School , Trichy -105	Professor	M A M Business School ,
11	Dr.P.Ranjith Kumar Principal - M A M S E, Siruganur Trichy	Principal	MAM School of Engineering

LIST OF FACULTY / RESOURCE PERSON
For the EAC Programme II
Programme Date: 14.02.2019 to 16.02.2019

Sl No	Name and Address	Designation	Organization
1	Dr.Rahini, Professor, Bishop Heber College, Trichy	Professor	Bishop Heber College , Trichy
2	Mr.K.Susilkumar Branch Manager, TIIC,Trichy	Branch Manager	TIIC , Trichy
3	Mr.B.Pattabhiraman, Managing Director, G B Engg Enterprises Pvt Ltd, D-99, DP Estates, Thuvakudy, Trichy-15	Managing Director	G B Engg Enterprises Pvt Ltd, Trichy -15
4	Mr.B.Karthigaivasan, AD,DIC,Trichy	Assistant Director	District Industry Center ,Trichy
5	Dr. P. SubburethinaBharathi, Director, M A M Business School , Siruganur, Trichy	Director	M A M Business School , Siruganur, Trichy
6	Dr.B.Augustine Arokiaraj Head of the Department, Business Administration Dept, St.Joseph's College, Trichy-2	Prof & HOD	St.Joseph's College, Trichy-2
7	Mr.S.Kannan, Sr.Manager, Anand Engg Products Pvt Ltd D-56, Developed Plot Estates, Thuvakudy, Trichy-15	Sr.Manager	Anand Engg Products Pvt Ltd , Trichy -15
8	Mr.Bhaskaran.R Skill Development Trainer,Manapparai	Skill Development Trainer	Skill Development Center ,Manapparai
9	Prof.Premanand Professor , M A M Business School , Trichy -105	Professor	M A M Business School ,
10	Mr. N. Kanagasabapathi President – TIDITSSIA,Trichy	President	TIDITSSIA,Trichy
11	Dr.P.Ranjith Kumar Principal - M A M S E, Siruganur Trichy	Principal	MAM School of Engineering

ANNEXURE – IV

LIST OF INDUSTRIES VISITED

Sl No	Name and Address and Contact Details	Product / Service	EAC Programme Number and Date
1	Katthirmalai Engineering works , G-1 , Ancillary Industrial Estate, Thiruverambur, Trichy -14 PIN : - 620014 Contact No: 0431-2552423	Boiler Components / Spare parts Manufacturer (Contractor for BHEL , Trichy)	I on 25.09.2018
2	R K Metal Industries, No: 2, SIDCO Industrial Estate, Tiruverambur, Trichy -13 PIN :- 620013 Contact Phone No: 9965541005	Steel Manufacturer, Steel Roofing & Powder Coating Services	II on 15.02.2019

ANNEXURE – V

FEEDBACK ANALYSIS OF PARTICIPANT

List of Questions in the Feedback form:

Q.1) From where you got the information about this programme?

- a) Pamphlets / Broacher b) News paper Advertisement
- c) Posters/ Hand Bills d) Other (Please Specify)

Q.2) What is your opinion about the duration of Programme?

- a) Short b) Adequate c) Long

Q.3) Did you find the Programme useful?

- a) Very much b) To some extent c) Not useful

Q.4) Did it fulfill your expectations?

- a) Yes b) To some extent c) No

Q.5) Planning of the Programme

- a) Excellent b) Very good c) Good d) Satisfactory e) Poor

Programme: Entrepreneurship Awareness Camp (Programme I)

Programme Location: M A M SCHOOL OF ENGINEERING

Date: from 20.09.2018 to 25.09.2018 (Three days)

Programme Date : From 20.09.2018 to 25.09.2018 (Three days)						
Question Number	Number of feed back by the answer					Total
	a	b	c	d	e	
1	43	23	14	27	NIL	107
2	29	37	41	NIL	NIL	107
3	33	58	16	NIL	NIL	107
4	51	39	17	NIL	NIL	107
5	26	17	33	17	14	107

Q. 1) From where you got the information about this programme?

a) Pamphlet / Brochure	43 Nos	40.19 %
b) News Paper Advertisement	23Nos	21.50 %
c) Posters / Hand bills	14 Nos	13.08 %
d) Others (please specify)	27Nos	25.23 %

Q 2) What is your opinion about the duration of the programme?

a) Short	29Nos	27.10 %
b) Adequate	37Nos	34.58 %
c) Long	41 Nos	38.32 %

Q 3) Did you find the programme useful?

a) Very much	33Nos	30.84 %
b) To some extent	58Nos	54.21 %
c) Not useful	16Nos	14.95 %

Q 4) Did it fulfill your expectation?

a) Yes	51Nos	47.66 %
b) To some extent	39Nos	36.45 %
c)No	17Nos	15.89 %

Q 5) Planning of the programme

a) Excellent	26 Nos	24.30%
b) Very good	17Nos	15.89%
c) Good	33Nos	30.84 %
d) Satisfactory	17Nos	15.89 %
e) Poor	14Nos	13.08 %

Programme: Entrepreneurship Awareness Camp (Programme II)

Programme Location: M A M SCHOOL OF ENGINEERING

Date: from 14.02.2019 to 16.02.2019 (Three days)

Programme Date : From 14.02.2019 to 16.02.2019 (Three days)						
Question Number	Number of feed back by the answer					Total
	a	b	c	d	e	
1	47	26	22	26	NIL	121
2	36	40	45	NIL	NIL	121
3	41	62	18	NIL	NIL	121
4	62	42	17	NIL	NIL	121
5	29	19	36	21	16	121

Q. 1) From where you got the information about this programme?

a) Pamphlet / Brochure	47 Nos	38.84 %
b) News Paper Advertisement	26Nos	21.49 %
c) Posters / Hand bills	22 Nos	18.18 %
d) Others (please specify)	26Nos	21.49 %

Q 2) What is your opinion about the duration of the programme?

a) Short	36Nos	29.75 %
b) Adequate	40Nos	33.06 %
c) Long	45 Nos	37.19 %

Q 3) Did you find the programme useful?

b) Very much	41Nos	33.88 %
b) To some extent	62Nos	51.24 %
c) Not useful	18Nos	14.88 %

Q 4) Did it fulfill your expectation?

b) Yes	62Nos	51.24 %
b) To some extent	42Nos	34.71 %
c)No	17Nos	14.05 %

Q 5) Planning of the programme

b) Excellent	29 Nos	23.97%
b) Very good	19Nos	15.70 %
c) Good	36Nos	29.75 %
d) Satisfactory	21Nos	17.36 %
e) Poor	16Nos	13.22 %

EAC Programme I Sample Photographs



**EAC Programme II
Sample Photographs**



Industrial Visit Photos
For EAC Programme I
(Katthirmalai Engineering Works, Trichy)




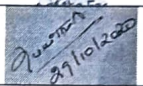
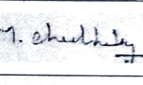
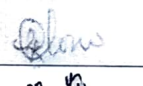


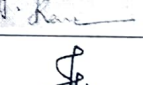

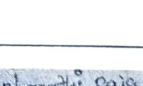
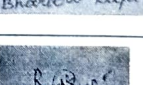

For EAC Programme II
(R K Metal Industries, Trichy)





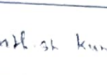
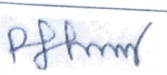
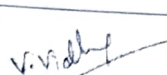
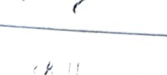
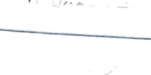
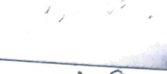


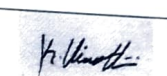




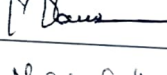


Dr.P. Ranjith Kumar
Principal

Date: 29.10.2020

The first council meeting of Institution's Innovation Council (IIC), **M.A.M School of Engineering, Trichy** was called by IIC President **Dr.A.Punitha, Professor** to discuss upon the formulation and function of IIC & shared roles and responsibility among newly joined council members as per the guidelines of MHRD's Innovation cell.

Sr. No.	Name of Member	Member Type (Teaching/ Non-teaching / External Expert)	Key Role/ Position assigned in IIC	Signature
1	Dr. P. Ranjith Kumar	Teaching	Head of the Institute	
2	Dr. A. Punitha	Teaching	President	
3	Mr. M. Chandrasekar	Teaching	Vice President	
4	Dr.P.Lilly Florence	Teaching	Convenor	
5	Prof. R. Ramanathan	Teaching	Internship & Start-up Activity Coordinator	
6	Dr. K. Chandrasekaran	Teaching	IPR & Innovation Activity Coordinator	
7	Prof. P. Kavitha	Teaching	NIRF coordinator	
8	Prof .S. Saravanan	Teaching	Social media & ARIIA Coordinator	
9	Nizar Ahamed	Student	Start-up Activity - Student Coordinator	
10	B. Bharathi Raja	Student	Internship Student Coordinator	
11	R. Naveen R	Student	Social media Student Coordinator	
12	S. Abdul Latiff	Student	Innovation Activity Student Coordinator	

13	S. Subha	Student	IPR student Coordinator	
14	Prof. S. Murugavalli	Teaching	Member	
15	Prof. G. Purushothaman	Teaching	Member	
16	Dr. M. Sangeetha	Teaching	Member	
17	Mr. K. Sathish Kumar	Teaching	Member	
18	Mrs. P. Sivamalar	Teaching	Member	K. Sathish Kumar
19	Mrs. V. Vidhya	Teaching	Member	
20	Ms. K. Umarani	Teaching	Member	
21	Mr. A. Karthick Kumar	Teaching	Member	
22	Mr. K. Karthikeyan	Teaching	Member	
23	Mr. Senthamarai Kannan	Teaching	Member	
24	Ms. K. Vinothini	Teaching	Member	
25	Mr. S. Ravichandran	Teaching	Member	
26	Mr. Vijayakumar	Teaching	Member	
27	Mr. Prem Kumar	Teaching	Member	
28	Mr. Paventhan	Teaching	Member	
29	Ms. Subhapradha	Teaching	Member	
30	Mr. K. Balamurugan	Teaching	Member	
31	Ms. C. Meena	Teaching	Member	

The council members met and discussed about the objective of IIC, type of activities (IIC calendar and Self-Driven), features of IIC portal for monthly report submission mechanism. The council members also discussed about collaborations with organisations to accelerate the activities of IIC. The council also deliberated on **quarterly action plan** in

synchronisation with activities and initiatives of other departments, centers and facilities in the Institute working towards promoting IPR, Innovation and Start up.

The council unanimously decided to carry out all the IIC activities in regular basis throughout the year and meet regularly in beginning of every quarter to review the progress made in previous quarter and also to plan for upcoming quarter. The council has agreed to convene next meeting on **30.11.2020**

Date: 29.10.2020

Signature & Seal

Place: Trichy

(IIC President or HOI)

*Minutes of meeting to be attached

** Attendance sheet of all the members to be attached

o/c



M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy-621105

(ACCREDITED BY NAAC)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)



REPORT

Department of Mechatronics Engineering & IIC had the privilege of having webinar on “**Business Model Canvas for Budding Entrepreneurs**” on 17.04.2021. This workshop mainly organized for awareness about managing business for young, budding entrepreneurs, among Students and Faculties.


Totally around 100 participants had attended this webinar session. The session is started sharply by 11.30 am and welcome address given by Mr.Saravanan, Assistant Professor, Mechatronics Department and introduction of Chief Guest is given by Mr.S.Ravichandran, Asst.Professor, Mechanical Department. The resource person starts the lecture with the objectives of canvassing in business, a strategic management template used for developing new business models and documenting existing ones and to become a successful entrepreneur.

Also the feedback for the participants was collected through Google form.

Program Title	Workshop on “Business Model Canvas for Budding Entrepreneurs”
Brochure in pdf	Yes
Report in pdf	Yes
Description about the event (50 words)	Department of Mechatronics Engineering had the privilege of having workshop on “Business Model Canvas for Budding Entrepreneurs” on 17.4.2021 . This workshop mainly organized for awareness about the canvassing of the business activities, which gave ideas for the budding entrepreneurs of the students and Faculties. The invitation for this program by the designer team of MAMSE and distributed through Facebook and WhatsApp. Totally around 100 participant has attended this workshop. The resource person starts the lecture with the objectives of canvassing and the methods of canvassing in the business activities and to show / initiate the budding entrepreneurs, mainly among the students and give information on, how to become a successful entrepreneur
Theme	Developing and motivating the budding entrepreneurs
Programme type	Webinar
Duration of the activity in mins	90 minutes
Start days	17.4.2021
End days	17.4.2021
No of Students participants	100
No of Faculty participants	20
No of External participants (any)	30
Expenditure amount (any)	Nil

Mode of session delivery	Online Google Meet
Objective (100 words)	To create awareness about starting business among students Motivate the students to create startup's Motivate the students to create new methods of canvassing of the business
Benefit in terms of learning/ skills/knowledge obtained (150words)	Students and Faculties got knowledge on Canvassing of Business
Video URL	<p><u>Twitter Link:</u> https://twitter.com/mamse_trichy/status/1383461331936813079?s=20</p> <p><u>Face book Link</u> https://www.facebook.com/100057503550746/videos/210101034250014/</p>
Photo : 2 Images	Applicable


MAM SCHOOL OF ENGINEERING
 Siruganur, Trichy - 621105
 Accredited by NAAC
 Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai


INSTITUTION'S INNOVATION COUNCIL
 (Ministry of HRD Initiative)

Department of Mechatronics Engineering & Institution's Innovation Council (IIC)
Organized
Webinar on "Business Model Canvas for Budding Entrepreneurs"
Date: 17.04.2021





















































M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy-621105

(ACCREDITED BY NAAC)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING & IIC



INVITATION

M.A.M. SCHOOL OF ENGINEERING
(Accredited by NAAC, Approved by AICTE, New Delhi | Affiliated to Anna University)
Siruganur, Trichy - 621 105

Institution's Innovation Council &
Department of Electronics and Communication Engineering
Organises

**STARTUP PLANNING, LEGAL AND
ETHICAL STEPS**

DR. B. HEMA KUMAR
Assistant Professor, Dept. of Electronics & Instrumentation,
Puducherry Technological University,
Puducherry

DATE 31st May TIME 11.00 AM

Scan QR for URL

Meeting URL : <https://meet.google.com/dad-pqzd-hod>



M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy-621105

(ACCREDITED BY NAAC)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING & IIC

REPORT

As part of IIC program, MIC, and Department of Electronics and Communication Engineering organized a webinar

Activity Name: “Startup Planning, Legal and Ethical Steps”

Resource Person: Dr.B. Hema Kumar, Assistant Professor, Dept. of Electronics & Instrumentation, Puducherry Technological University, Puducherry.

Mode of Activity: Online via Google meet

Date: 31 May 2021 (Monday)

Time: 11.00 AM

This unique talk cum presentation will be very useful for students and faculty members,. In our Institution over 100 Faculties and Students Participated in this Event.

The webinar began with the welcome address by the Head of the Department Ms.P,Kavitha/ECE. She has introduced and welcomed the : Dr.B. Hema Kumar, Assistant Professor, Dept. of Electronics & Instrumentation, Puducherry Technological University, Puducherry. The session then continued by : Dr.B. Hema Kumar who began with an introduction about Startup Planning, Legal And Ethical Steps, following which he shed the light on Business Startup and Entrepreneurship. The intention or the objective of the session was to help the students to plan a startup of their interest. Various aspects of startups were discussed in the program including the idea, mission and legal methods. He emphasized that more than earning for ourselves; startups should be quite innovative that would help the lives of ordinary people.

Start-ups are small growing companies founded by one or more entrepreneurs; they are at their initial stage of operation with a limited amount of capital and limited experience. The government of India has taken several initiatives to encourage the growth of start-ups in order to

promote entrepreneurship and employment by providing easier IPR facilitation, a favorable taxation system, and easier compliance for the setting-up company, etc., even then Start-ups in India have to deal with various obstacles like funding,

Insufficient skill, lack of marketing strategies, etc. over that start-ups have obligation to operate in compliance with laws and follow the ethical behavior. Non –compliance with laws or ethical misconduct may lend the start-ups to serious troubles like fines, punishments, revocation of licenses, litigation expenses, etc. which may cause an adverse effect on the limited capital of the start-ups, following are some most common legal and ethical issues which start-ups face in India.

The session ended with hearty thanks to the Dr.B. Hema Kumar at 12.00 pm.

At the end of webinar two students gave their feedback, and explained how they are benefitted by this webinar. Finally Dr. Abdur Rahman N, Assistant professor, ECE Department proposed the vote of thanks.

Program Title	Webinar on “STARTUP PLANNING,LEGAL AND ETHICAL STEPS”
Brochure in pdf	Yes
Report in pdf	Yes
Description about the event (50 words)	<p>As part of IIC program, MIC, and Department of Electronics and Communication Engineering organized a webinar on “Startup Planning, Legal and Ethical Steps” on 31.05.2021 at 11.00 AM.</p> <p>An overwhelming response is received from participants. In our Institution over 100 Students and Faculties Participated in this Event. The Resource Person Dr.B. Hema Kumar who began with an introduction about Startup Planning, Legal And Ethical Steps, following which he shed the light on Business Startup and Entrepreneurship. The intention or the objective of the session was to help the students to plan a startup of their interest. Various aspects of startups were discussed in the program including the idea, mission and legal methods.</p>
Theme	Entrepreneurship/ Startup
Programme type	Motivation Speech
Duration of the activity in mins	60 mins
Start days	31.05.2021

End days	31.05.2021
No of Students participants	80
No of Faculty participants	20
No of External participants (any)	Nil
Expenditure amount (any)	Nil
Mode of session delivery	Online
Objective (100 words)	<ul style="list-style-type: none"> • Create a values-based culture that encourages employee commitment to highest ethical standards. • Establish ethics guidelines that can best transcend international boundaries. • Adapt ethics policies and aspirations to address technology and e-business. • Embrace authentic corporate citizenship responsibilities. • Commit to continual improvement of the organization's ethics quotient.
Benefit in terms of learning/ skills/knowledge obtained (150words)	<p>Duty towards the Start-up</p> <p>The employees in a start-up should prioritize the interest of the start-up rather than their personal interest. All the employees</p>

	<p>should work together for the growth of the start-up</p> <p>Duties towards the customers</p> <p>The start-ups should not indulge in any kind of activity which may be detrimental to the interest of the customers; the start-ups should accept the feedback from the customers and should take care of the after-sale services and assist the customers. A start-up can grow only with the help of satisfied and happy customers.</p> <ul style="list-style-type: none"> • Duties towards the employees <p>The employees for a start-up are as important as wheels for a car, be it a small or big employee everyone's contribution is necessary for the proper growth and functioning of a start-up. The start-up should be legally as well as ethically give regard to the rights of the employees.</p>
Video URL	<p>Twitter Link - https://twitter.com/mamse_trichy/status/1399375066777849859?s=20</p> <p>Face book Link - https://www.facebook.com/mamse.iic.9/posts/238446531415464</p>
Photo : 2 Images	Yes

Program Title	SESSION ON LEAN STARTUP AND MINIMUM VIABLE PRODUCT
Brochure in pdf	Yes
Report in pdf	Yes
Description about the event (50 words)	<p>As part of IIC program, MIC is hereby announcing a MIC Driven Activity of Quarter 3. You may be aware that Q3 & 4 has been merged due to the prevailing pandemic situations.</p> <p>Speaker : Mr.PrabhakaranGanesan,Founder and Former director Hasp &Sharp,Embedded solution ,software architect specialist , czterpillar Chennai.</p> <p>This webinar was mainly organized for encouraging andunderstanding about customers’ interest in our product without fully developing the product of entrepreneurial skills among Students and Faculties.</p>
Theme	R&D innovation/Entrepreneurship
Programme type	Webinar
Duration of the activity in mins	60mins
Start days	28.5.2021
End days	28.5.2021

No of Students participants	55
No of Faculty participants	25
No of External participants (any)	Nil
Expenditure amount (any)	Nil
Mode of session delivery	Online
Objective (100 words)	Using a minimum viable brand (MVB) concept can ensure brand hypotheses are grounded in strategic intent and market insights To create awareness about Entrepreneurship skills among students Motivate the students to create innovative idea Motivate the students to follow the leadership qualities
Benefit in terms of learning/ skills/knowledge obtained (150words)	Finding other people to create a minimum viable product is a common challenge for new companies and startups. The concept of minimum viable co-founder is based on looking for a co-founder with the following attributes Students and Faculties will able to get the knowledge on Basics of entrepreneurial skills and innovation. Also got knowledge on systematic approach on innovations. Also learn more about the features of innovative leadership qualities.
Video URL	https://youtu.be/gom3hOozGsg
Facebook Link:	https://www.facebook.com/100057503550746/videos/869827677231887/
Twitter Link:	https://twitter.com/mamse_trichy/status/1417497116289687552?s=20
Photo : 2 Images	Applicable

INVITATION



M.A.M. SCHOOL OF ENGINEERING

(Accredited by NAAC, Approved by AICTE, New Delhi | Affiliated to Anna University)
Siruganur, Trichy - 621 105



**Institutes Innovation Council &
Department of Electrical and Electronics Engineering
Organises**

SESSION ON LEAN STARTUP AND MINIMUM VIABLE PRODUCT



MR.PRABAKARAN GANESAN

Founder and Former Director, Hasp & Sharp
Embedded Solutions, Software Architect Specialist,
Caterpillar, Chennai

Scan QR for URL



DATE
28th May



TIME
09.30 AM

Meeting URL : meet.google.com/efg-qjgp-xzi

You Tube Link

<https://youtu.be/yxmQ9z8-wE0>

REPORT

As part of IIC program, MIC is hereby announcing a MIC Driven Activity of Quarter 3.

You may be aware that Q3 & 4 has been merged due to the prevailing pandemic situations.

Activity Name : Session on Lean Startup and Minimum Viable Product

Speaker : Mr.Prabakaran Ganesan, Founder and Former Director, Hasp & Sharp
Embedded Solutions, Software Architect Specialist, Caterpillar,
Chennai.

Date : 28.5.2021

Time : 9.30 am

This webinar was mainly organized for encouraging and understanding Session on Lean Startup and Minimum Viable Product is the influence, guidance, or direction given by a mentor. In our Institution over 70 Faculties and Students Participated in this Event .What matters is that mentors have experience that others can learn from about customers'.Protective factors "modify or transform responses to adverse events so that [students] avoid negative outcomes" and encourage the development of resilience.Underachieving students who come from risk factor-filled environments often have little support, so the role of educators can be beneficial for students if it extends beyond the basic structures within the classroom.



M.A.M SCHOOL OF ENGINEERING

Accredited by NAAC

Approved by AICTE, New Delhi/ Affiliated to Anna University, Chennai

Siruganur, Tiruchirappalli – 621 105.



Orientation session for all students & faculties of Institute by Innovation Ambassador(s). (24.04.2021)

M.A.M. School of Engineering- Institute's Innovation Council & Department of S& H organized an **Orientation session for all students & faculties of Institute by Innovation Ambassador(s)** on on 24.04.2021. Dr. J. AMALA INFANT JOICE, IIC –Innovation Ambassador, Assistant Professor of Chemistry, Holy Cross College, Trichy, was the resource person. Dr. P. Lilly Florence, Convenor , IIC-MAMSE & Head / Department of Chemistry, MAMSE welcomed the gathering. Dr. S. Berbeth Mary, Assistant Professor, Department of Physics introduced the chief guest. Dr. J. Amala Infant Joice, Innovation Ambassador has explained about basic concepts of design thinking, why to design innovative products & how to design innovative products. She mentioned in her talk that to design innovative products, just think 'out of the box' that will give innovative idea. She motivated the participants by asking questions and by showing many social innovative products which are required to protect our environmental issues. In this pandemic situation we are in need of social innovative products which give safe and healthy life style. For all, only one solution that is "do things differently". Around 30 faculty and 145 students were benefited out of it. Mrs. F. Beulah Elizabeth, Assistant Professor in Chemistry proposed vote of thanks.

The following documents are required for IIC self driven activity

1. Brochure in pdf
2. Report in pdf
3. Description about the event (50 words): Orientation session for all students & faculties of Institute by Innovation Ambassador(s).
4. Theme : IPR/R & D innovation/
Enterprenurship/startup/Design thinking and critical thinking/incubation and precubation
Design Thinking & Critical Thinking
5. Programme type: Workshop/Leadership talk/Motivation
Speech/field Visit/other (Specify):
Others: Orientation Session
6. Duration of the activity in mins:60mins
7. Start days : 24.04.2021
8. End days : 24.04.2021
9. No of Students participants : 300
10. No of Faculty participants : 46
11. No of External participants (any):
12. Expenditure amount (any) : 500
13. Mode of session delivery: Online – Google meet
14. Objective (100 words) : The objective of this programme is to inculcate the interest among all the students and teaching fraternity to make social and environmental eco-

friendly innovative products by thinking differently out of box and to serve the society.

15. Benefit in terms of learning/ skills/knowledge obtained (150words)

All the participants have gained knowledge about basic concepts of design thinking, why to design innovative products & how to design innovative products, how to just think 'out of the box' to make social innovative products which are required to protect our environmental issues. In this pandemic situation we are in need of social innovative products which give safe and healthy life style. For all, only one solution that is "do things differently". All are get motivated by this talk.

16. Video URL :

Facebook

Link: <https://www.facebook.com/100057503550746/videos/214955057097945/>

Twitter

Link: https://twitter.com/mamse_trichy/status/1386191737593286658?s=20

17.Photo : 2 IMAGES



MAM SCHOOL OF ENGINEERING

Siruganur, Trichy -621108

Accredited by NAAC

Approved by AICTE, New Delhi || Affiliated to Anna University, Chennai

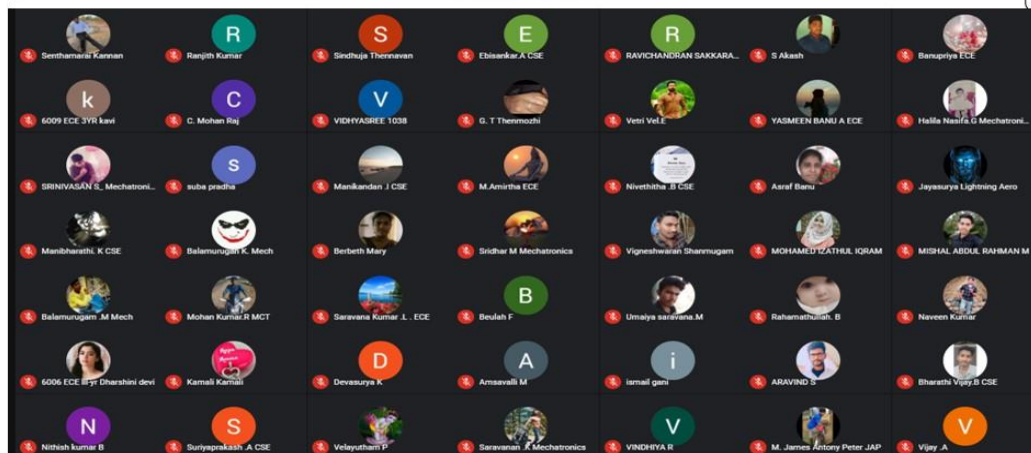


INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of HRD Initiative)

**Institution's Innovation Council & Department of Science and Humanities
Organized**

Orientation session for all students & faculties of Institute by Innovation Ambassador(s)

Date: 24.04.2021





M.A.M. SCHOOL OF ENGINEERING

(Accredited by NAAC)

(Approved by AICTE, New Delhi | Affiliated to Anna University)

Siruganur, Trichy - 621 105

Workshop on Prototype Design and Development

At 12:00 P.M. sharp, Dr. K. Chandrasekaran organizing head and the host for the workshop, welcomed all the attendees and specially mentioned and thanked the Principal of M.A.M. School of Engineering for giving the valuable support to conduct this workshop. He also introduced the expert speaker Er.M.Muthuraj, Managing Director, Profenaa Technologies, Coimbatore and put light on his work experience. This was entailed by handing over the center-stage to Er.M.Muthuraj live speaker for the entire workshop.

Benefit in terms of learning/ skills/knowledge obtained:

A facilitated **product development workshop (PDW)** is a planned, time-bound technique aimed at gathering members of the product development team with their variegated expertise to collaborate on product development tasks. Unlike regular meetings, PDWs help to align the vision across a product team and leverage the contributions from different proficiency areas. The participants usually include a client, key stakeholders, and a project team. Every product development workshop (PDW) has definite goals that should be reached, bound by the artifacts that should be obtained as a result of the session. Workshop deliverables include product vision boards, product roadmaps, product prototypes, etc.

During the end of his lecture, he apprised the attendees of various job opportunities for B.E Aeronautical students in government as well as private sectors.

He ended his lecture with a small question and answer session with the attendees.

Following the lecture, Dr. K.Chandrasekaran, Head of Aeronautical Department, summed up the lecture in his words and appreciated the efforts of student members to have pulled off the webinar during lockdown gracefully.

R. Saravanan, Assistant Professor, gave vote of thanks and acknowledging Principal, Co-Ordinator, Convener all the attendees and the guest speaker to have graced the event. He ended the webinar with his 'stay safe and at home' remark to the attendees.

The students showed immense interest and inquisitiveness throughout the webinar.

WhatsApp x UHV_RANJITH.pdf x Meet - bfv-vhqw-mvq x

meet.google.com/bfv-vhqw-mvq

Profenaa Automation is presenting

Group 01 Profenaa

Profenaa Automation.
Profenaa Info tech.
Profenaa Technologies.

Profenaa Automation is presenting

Meeting details

84

Add people

IN CALL

- k.chandra Sekaran (You)
- A.Dinesh Kumar
- Arun Kumar.A.K
- Balamurugam .M Mech
- Balamurugan K. Mech
- BALAMURUGAN R
- Bharathi Murugesan
- chandrasekar M

Meeting details

Engineering

UHV_RANJITH.pdf

Mech_FDTF_Broch....pdf

class-list (2021-05-....csv)

class-list (2021-0....html)

Untitled - Paint

Profenaa Automation is presenting

Show all

Type here to search

ENG IN 12:17 15-05-2021

Workshop on Prototype Design and Development

The following documents are required for IIC self driven activity

1. Brochure in pdf: Yes

2. Report in pdf: Yes

3. Description about the event:

A facilitated **product development workshop (PDW)** is a planned, time-bound technique aimed at gathering members of the product development team with their variegated expertise to collaborate on product development tasks. Unlike regular meetings, PDWs help to align the vision across a product team and leverage the contributions from different proficiency areas. The participants usually include a client, key stakeholders, and a project team. Every product development workshop (PDW) has definite goals that should be reached, bound by the artifacts that should be obtained as a result of the session. Workshop deliverables include product vision boards, product roadmaps, product prototypes, etc.

4. Theme : R & D innovation

5. Programme type: Workshop

6. Duration of the activity in mins:90 min

7. Start days : 15.05.2021

8. End days : 15.05.2021

9. No of Students participants : 60

10. No of Faculty participants : 12

11. No of External participants (any): Nil

12. Expenditure amount (any) : Nil

13. Mode of session delivery: Online

14. Objective (100 words):

A prototype is an experimental model to test ideas, design assumptions quickly and cheaply so that appropriate refinements or possible changes can be made. Not only full products can be prototyped, but you can also test a specific part of your solution. Prototypes can take various forms:

- storyboards that capture user experience in a series of images or sketches
- role-playing expressing users' emotions as a result of using a product
- rough paper prototypes of digital interfaces
- basic digital prototypes.

15. Benefit in terms of learning/ skills/knowledge obtained (150words):

Workshops are most effective in the early stages of the product or feature development lifecycle for chartering, planning, requirements, analysis, and design. A well-facilitated workshop not only can provide the project deliverables in a fast, high-quality manner, but it can also contribute to building a team and establishing effective collaboration among its members. We'll cover the most common workshop types within a product development lifecycle: discovery workshop, UX design workshop, ideation workshop, and prototype workshop. However, you can always use this instrument to gather the leading minds for brainstorming solutions to the problems your project stumbles upon.

16. Video URL:

Twitter Link:

https://twitter.com/mamse_trichy/status/1412610792411713536?s=20

Facebook Link:

<https://www.facebook.com/100057503550746/videos/261925812400869/>

17. Photo : Yes

Webinar on “Interactive Session with Successful Startup Founders

With the pleasant morning ,the webinar to be planned and executed with a warm excitement with our guest ,Mr.R.Ramanathan, head of mechanical engineering who initiated the guest with the support of our department faculties, started the interactive session interestingly at 11.00AM,also guest introduced by A.Mohan kumar,Assistant Professor in mechanical engineering department.

Our guest Mr. Kishore selvaraj is a mechanical engineer who did his Under-graduation from Sathyabama University. Right from his childhood, he had entrepreneurial aspirations. He spent countless hours understanding each business, the risk factors associated and finally came to he conclusion of venturing .After deciding the industry ,he undertook a detailed survey on different brands and segments. Based on the findings of the report, he chooses to be associated with Honda 2 wheelers. They were an upcoming brand in 2013,he went through the interview process and secured a sub dealership in Tiruverumbur.

In 2017,after analyzing his performance ,Honda upgraded his dealership from a subdealer to main dealer for the trichy district, since then he had established counters in Airport,Guntur,Musiri and Palakurichi,he started business foray with 9 employees in 2014,now employing over 200 peoples with annual turnover 12Crores.

The session would be provided relevant and useful information to the students of future engineers and faculties from the institution, all of them observed what kind of works were progressing in the BHEL sector, all of them immersed in the session to observe more and elaborately from the guest presentation leads to probably more than an hour.

Head of the mechanical engineering department summed up the event and raised few clarifications from his side.

Finally the session ended up with vote of thanks by Mr.R.Ranjith kumar, Assistant Professor from Mechanical engineering department.

Webinar on “Interactive Session with Successful Startup Founders (Entrepreneurs in Campus)”



M.A.M. School of Engineering,

(Accredited by NAAC)

Approved by AICTE, New Delhi/

Affiliated to Anna University, Chennai, Siruganur, Trichy - 621 105.

Department of Mechanical Engineering and 'Institution's Innovation Council (IIC)'

Webinar on “Interactive Session with Successful Startup Founders (Entrepreneurs in Campus)”

Resource Person:

Shri.Kishore Selvaraj,

Managing director, SK Motocorp
(SRI SK Honda, SK Automobiles, SK Tyres)
Trichy

Platform: Google meet Date & Time : Friday, May 28 · 11:00am – 12:30pm

Google Meet Video call link: <https://meet.google.com/mhp-mxxi-bnu>

Programme Co Ordinator:

Prof.R.Ramanathan,M.E.,(Ph.D).,

Associate Professor & Head

Department of Mechanical Engineering

M.A.M.School of Engineering, Trichy

2. Report

Every day technologies moves towards the new thoughts and implementations, with this connection to enhance the knowledge of our students and create the awareness about the innovation, our department of mechanical engineering organized a webinar handled by the resource person shri.Kishore Selvaraj, who is holding the position of Managing director, SK Motocorp (SRI SK Honda, SK Automobiles, SK Tyres) Trichy the platform assigned to all the students irrespective of their specialization, our motto is to fulfill expectations of the students in a prominent way in the business to become a Successful startup Entrepreneurs.

Real understanding and approach of the term in the startup business which has been keenly explained with the survey concepts in the business, and risk factor in business, this kind live examples and applying methodology would be easily accessed by our students also create a great interest on the related concepts.

The resource person also guided the necessary parameters to attain the business in the dealership in automobile industry sectors. The session has helpful to know the different approach in the business and Entrepreneurs development.

3. Description about the event

The day has initiated pleasantly with the resource person shri.Kishore Selvaraj, Managing director, SK Motocorp (SRI SK Honda, SK Automobiles, SK Tyres) Trichy the resource person have a wide experience in business in the dealership in Honda. And to understanding each business, the risk factors associated with the automobile industry, detailed survey report making methods for start the business, start the business by a dealership in automobile industry will be discussed in the session. Apart from academic phase, the session has provided the platform to learn about different kinds of technical topics adopted in industrial sectors.

4. Theme

Successful startup the business and become a Entrepreneurs that can be helpful to the students.

5. Programme type

Successful Entrepreneur talk on Session on Interactive Session with Successful Startup Founders

/Entrepreneurs in Campus

6. Duration of the activity in mins: 60mins

7. Start day: 28.5.2021

8. End day: 28.5.2021

9. No of Students participants: 90

10. No of Faculty participants: 15

11. No of External participants (any): Nil

12. Expenditure amount (any): Nil

13. Mode of session delivery: Online Virtual Mode/Google Meet

14.Objective

The main aim of the webinar is to provide the clear idea about the start the business and to become a Successful Entrepreneurs Our resource person has an excellent experience in the business. The resource person has an extensive knowledge in an industrial revolution and has competence to explore more about business, and to understanding each business, the risk factors associated with the automobile industry, detailed survey report making methods for start the business, start the business by a dealership in automobile industry will be discussed in the session. We need to make ourselves comfort in our position to acquire more knowledge about a business with the aid of some specified processes to understand and apply in future.

We expect that, the session will be helpful to acquire more knowledge in the business among the students and faculties of the entire department, we may make this session be a great event and to be a successful one.

15. Benefit in terms of learning/ skills/knowledge obtained

The Webinar has started with the resource person Shri.Kishore Selvaraj, Managing director, SK Motocorp (SK Honda, SK Automobiles, SK Tyres) Trichy has provided an elaborated explanation about an Successful startup Founders/ Entrepreneurs. Definitions in business in the automobile industry and other private sectors trend and market strategies in various segments in automobiles, dealership challenges, business survey collection methods for start the business in automobile sales, spares and service etc.

The session has been provided detailed information about business innovation, competitions, funding resources/agents/sectors, investment on purchase and overheads, budget, expenditure calculation and profit margin etc.

The students and faculties of all the branches also have clearly understanding about to identify the innovative business and risk factors on business, operating procedures with man power for the successful business/industry.

16. Meeting Link : <https://youtu.be/unz6aEge-K0>

Facebook Link:

<https://www.facebook.com/100057503550746/videos/998415114263081/>

Twitter Link:

https://twitter.com/mamse_trichy/status/1417010124326006790?s=20

17.Photos

The image displays two screenshots of a Google Meet interface, likely from a Windows desktop environment.

Top Screenshot (11:19 AM): This screenshot shows a gallery view of a Google Meet session. The interface includes a top bar with browser tabs for "Video from Ramanathan R - sm...", "(13) WhatsApp", and "Meet - mhp-mxxi-bnu". The address bar shows "meet.google.com/mhp-mxxi-bnu". The main area displays a grid of 12 participant tiles. The participants are: rockfort rajaa, Ramanathan R., Karthik R., Punitha A., [5305] Visvanathan Nagara..., MOHAN KUMAR AYYASAMY, Vijay Sting, SK HONDA (highlighted), Karthika K., Abarna Abi, Bala Murali, GAUTHAM RAJ JAGANAT..., suba pradha, G. T Thenmozhi, 64 others, and You. The bottom bar shows the time "11:19 AM | mhp-mxxi-bnu" and various meeting controls like mute, video, chat, and end call.

Bottom Screenshot (12:10 PM): This screenshot shows a full-screen view of a Google Meet session. The top bar is similar to the first screenshot. The main area shows a large video feed of a participant named "SK HONDA". The right sidebar displays a list of other participants: Vijay Sting, 5021 MCT-III Sakthivel, Ramanathan R., MOHAN KUMAR AYY..., rockfort rajaa, Devasurya K, 59 others, and You. The bottom bar shows the time "12:10 PM | mhp-mxxi-bnu" and the same meeting controls.



M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy-621105

(ACCREDITED BY NAAC)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

DEPARTMENT OF MECHATRONICS ENGINEERING & IIC

REPORT

Department of Mechatronics Engineering had the privilege of having workshop on “Intellectual property rights and IP management for startup” on 9.4.2021. This workshop mainly organized for awareness about IP management for startup among Students and Faculties.

The invitation for this program by the designer team of MAMSE and distributed through Facebook and WhatsApp.

Totally around 90 participant has attended this workshop. The session is started sharply by 10.30 am and welcome address given by M.chandraskar, Assistant Professor, Mechatronics Department and introduction given by Dr.A.Punitha, Professor, Mechatronics Department. After that the resource person starts the lecture with the objectives of innovation, factors in innovation ecosystem, how to become a successful entrepreneur and a good researcher. Then he explain briefly about how to register for NASSCOM – Hackathon, AICTE Vishwakarma award 2020 and Yukti 2.0. After that he explain about IPR and its importance, types of IPR and statistics of IPR. Also the feedback for the participants was collected through Google form.

Program Title	Workshop on “Intellectual Property Rights and IP Management for Startup”
Brochure in pdf	Yes
Report in pdf	Yes
Description about the event (50 words)	Department of Mechatronics Engineering had the privilege of having workshop on “Intellectual property rights and IP management for startup” on 9.4.2021. This workshop mainly organized for awareness about IP management for startup among Students and Faculties. The invitation for this program by the designer team of MAMSE and distributed through Facebook and WhatsApp. Totally around 90 participant has attended this workshop. The resource person starts the lecture with the objectives of innovation, factors in innovation ecosystem, how to become a successful entrepreneur and a good researcher.
Theme	IPR/startup
Programme type	Workshop
Duration of the activity in mins	90 mins
Start days	9.4.2021

End days	9.4.2021
No of Students participants	80
No of Faculty participants	25
No of External participants (any)	15
Expenditure amount (any)	Nil
Mode of session delivery	Online
Objective (100 words)	Motivate the students and faculty to patent their innovative ideas
Benefit in terms of learning/ skills/knowledge obtained (150words)	Students and Faculties will able to get knowledge on Basic Concepts of IPR and Startup's. Also got knowledge on Startup's Creative Activities. Got Knowledge on Steps to register so many government innovative projects.
Video URL	https://www.facebook.com/100057503550746/videos/204796461447138/
Photo : 2 Images	Applicable

WEBINAR ON “BUILDING AN INNOVATIVE PRODUCT FIT TO MARKET”

With the pleasant morning ,the webinar to be planned and executed with a warm excitement with our guest ,Mr.R.Ramanathan, head of mechanical engineering who introduced the guest with the support of our department faculties,started the interactive session interestingly at 11.30AM.

Our guest Dr. B. Shanmugarajan is a mechanical engineer who did his post-graduation and PhD in welding. Started his career as Production Engineer in Hero Cycles, Ludhiana and then moved to ARCI-Hyderabad (An autonomous R&D institute under DST) in the year 2003. In ARCI he was a Scientist in the field of laser material processing and has been actively involved in development of process/technology pertaining to laser and laser hybrid welding process for various grades of materials from simple carbon steel to exotic materials like titanium, niobium, etc. In 2010, he moved to BHEL-Trichy and posted in Welding Research Institute. He is presently holding the position of Deputy General Manager and is heading the Advanced Welding, Non Destructive Testing and Mechanical Characterization group. He has published more than 30 papers in various international and national journals and co-authored a book chapter on ‘Laser based joining of Metallic and Nonmetallic Materials’ published by Springers Series in Materials Science. He has filed 8 patents (1 granted) and is also a Certified International Welding Engineer by International Institute of Welding.

The session would be provided relevant and useful information to the students of future engineers and faculties from the institution, all of them observed what kind of works were progressing in the BHEL sector, all of them immersed in the session to observe more and elaborately from the guest presentation leads to probably more than an hour.

Head of the mechanical engineering department summed up the event and raised few clarifications from his side.

Finally the session ended up with vote of thanks by Mr.R.Ranjith kumar,Assistant Professor from Mechanical engineering department.

WEBINAR ON “BUILDING AN INNOVATIVE PRODUCT FIT TO MARKET”

1. Brochure



The brochure features a blue and white geometric background. At the top left is the M.A.M. School of Engineering logo, and at the top right is the Institution's Innovation Council logo. The main text is centered and reads: 'M.A.M. SCHOOL OF ENGINEERING (Accredited by NAAC) (Approved by AICTE, New Delhi Affiliated to Anna University, Chennai) Siruganur, Trichy - 621 105. Department of Mechanical Engineering & 'Institution's Innovation Council (IIC)' Cordially invites you for the Webinar on "Building an innovative product fit for market"'. Below this, there is a Google Meet icon, a portrait of Dr. B. Shanmugarajan, and the text: 'Platform: Google Meet Date: 19.05.2021 Time: 11.30am Resource Person: Dr. B. Shanmugarajan, M.E, Ph.D., DGM, WRI, Bharat Heavy Electricals Ltd, Trichy'.

M.A.M. SCHOOL OF ENGINEERING
(Accredited by NAAC)
(Approved by AICTE, New Delhi Affiliated to Anna University, Chennai)
Siruganur, Trichy - 621 105.

**Department of Mechanical Engineering &
'Institution's Innovation Council (IIC)'**

Cordially invites you for the
Webinar on
"Building an innovative product fit for market"



Platform: Google Meet
Date: 19.05.2021
Time: 11.30am


Resource Person:
Dr. B. Shanmugarajan, M.E, Ph.D.,
DGM, WRI,
Bharat Heavy Electricals Ltd, Trichy

Invitation

M.A.M. SCHOOL OF ENGINEERING

(Accredited by NAAC)

Approved by AICTE, New Delhi/ Affiliated to Anna University, Chennai
Siruganur, Trichirappalli - 621 105.

Department of Mechanical Engineering and Institution's Innovation Council (IIC)
Cordially invites you for the Webinar on "Building an innovative product fit for market"

Resource Person

Dr. B. Shanmugarajan, M.E, Ph.D.,
DGM, WRI, Bharat Heavy Electricals Ltd, Trichy

Platform: Google Meet

Date & Time : 19.05.2021 & 11.30am

Google Meet Link: <https://meet.google.com/ojf-sofg-bon>

Programme Co Ordinator

Prof.R.Ramanathan, M.E., (Ph.D).,
Associate Professor & Head

2.Report

Every day technologies moves towards the new thoughts and implementations, with this connection to enhance the knowledge of our students and create the awareness about the innovation, our department of mechanical engineering organized a webinar handled by the resource person **Dr.B.Shanmugharajan** who is holding the position of **Deputy General Manager, Welding Research Institute,BHEL,Trichy**,the platform assigned to all the students irrespective of their specialization, our motto is to fulfil expectations of the students in a prominent way in an innovation.

Real understanding and approach of the term innovation which has been keenly explained with the latest technologies and concepts lively used in an engineering fields now a days, this kind live examples and applying methodology would be easily accessed by our students also create a great interest on the related concepts.

The resource person also guided the necessary parameters to attain the innovation in all sectors depend upon the market requirements, the session has helpful to know the different verticals of research and development.

3.Description about the event

The day has initiated pleasantly with the resource person Dr.B.Shanmugharajan who is holding the position of Deputy General Manager and is heading the Advanced Welding, Non Destructive Testing and Mechanical Characterization group,the resource person have a wide experience in Research and Development in mechanical engineering. Apart from regular studies, the resource person has provided an elaborated definitions in industry3.0,industry4.0,Internet of Things(IoT),3D printing also he has an excellent exposure from Additive manufacturing with the different kind of preparation methodology and its applications like Binder jetting, Direct metal laser sintering & melting, Directed energy deposition, correction of working errors, electron beam additive manufacturing and finally concluded with Wire arc additive manufacturing.

Apart from academic phase, the session has provided the platform to learn about different kinds of technical topics adopted in industrial sectors.

4.Theme

Innovative Product Development that can be fit in to the market.

5. Programme type

Expert talk on Innovative product.

6. Duration of the activity in mins: 60mins

7. Start days : 19.5.21

8. End days : 19.5.21

9.No of Students participants : 84

10. No of Faculty participants : 14

11. No of External participants (any): Nil

12. Expenditure amount (any) : Nil

13. Mode of session delivery: Online Virtual Mode/Google Meet

14. Objective

The main aim of the webinar is to provide the clear idea about an innovation which is an outcome of Research and Development also leads a wide variety of methodology and applications have to be utilized in different kind of industrial sectors. Our resource person has an excellent experience in manufacturing sector, he is also familiar with welding also. The resource person has an extensive knowledge in industrial revolutions and has competence to explore more about additive manufacturing and its classes, continuously we aware the terms related to 3D printing and its unique applications will be discussed in the session. We need to make ourselves comfortable in our position to acquire more knowledge about an innovation with the aid of some specified processes to understand and apply in future.

We expect that, the session will be helpful to acquire more knowledge in the research among the students and faculties of all the department, we may make this session be a great event and to be a successful one.

15. Benefit in terms of learning/ skills/knowledge obtained

The Webinar has started with the resource person Dr. B. Shanmugharajan ME, Ph.D, Deputy General Manager, WRI, BHEL, Trichy has provided an elaborated explanation about industrial revolutions namely industry 3.0 which actually started late 1950 during this period electronics and computers were started to enroll, industry 4.0 which continued from previous revolution, it allowed digital technology to be upgraded gradually the components of fourth revolution were Internet of Things (IoT), Additive manufacturing has another revolutionary term used in industrial sectors, we may refer this as 3D printing has been applied for reduced material wastage also ease of machining complex shaped materials, the extensive applications of additive manufacturing were medical field for bone replacements and Jewellery designs. Also discussed the following terms Binder jetting, Direct metal laser sintering & melting, directed energy deposition, correction of working errors, Electron beam additive manufacturing and finally concluded with Wire arc additive manufacturing.

The session has been provided an information and applications about additive manufacturing utilized in technologically updated industries to bring out the complex shapes machining in a smarter way.

The students and faculties have an extensive understanding about the innovation through the usage and application of additive manufacturing.

16. Video URL

<https://youtu.be/EMQJqsQfm78>

Facebook Link:

<https://www.facebook.com/100057503550746/videos/260594925870569/>

Twitter Link:

https://twitter.com/mamse_trichy/status/1417008838658596869?s=20

17. Photos

The screenshot shows a Google Meet interface. At the top, the browser tabs include 'Inbox (607) - mechhodmamse@...', '(15) WhatsApp', 'Meet - Webinar on "Building an innovative product fi...', and 'Meet Attendance: Monitor'. The address bar shows 'meet.google.com/ojf-sofg-bon'. The main window displays a presentation slide with the title 'ADDITIVE MANUFACTURING – INNOVATIVE METHODOLOGY' in red text. Below the title, it says 'Dr. B. Shanmugarajan, IWE', 'Dy. General Manager,', 'Welding Research Institute, BHEL, Trichy – 14', and 'bsrajan@bhel.in'. The slide is presented by 'Shanmu B'. On the right, a grid of participants is visible, including 'Balakrishnan GK and 61 more'. The bottom of the screen shows the Windows taskbar with icons for 'Address', 'Desktop', and the system clock showing '12:20 PM 5/19/2021'.

The screenshot shows a Google Meet interface with a grid of participants. The top bar shows the browser tabs and the address bar with 'meet.google.com/ojf-sofg-bon'. The main window displays a grid of participants, including 'Ramanathan R.', '5011 MCT III J...', 'k.chandra Sek...', 'SYED THILFI', 'M Sangeetha', '5025 III MCT V...', 'Vaseem Nase...', 'Sasi Kumar.I', 'Duraimani e', 'Vithya Sagar v...', 'sanjeev gandhi', '5005 MCT III A...', '6012 ECE III Y...', 'Murali Vijay', 'M.Amirtha ECE', 'Sneha Sneha', 'sathees sathe...', '5008 MCT III B...', '5015_MCT_III...', 'Mohamed Vas...', 'YASMEEN BA...', 'Nancy Mary.P', 'karthik k', 'Vasanthan B', 'VINDHIYA R', 'Ranjani Gurus...', 'Velayutham P', 'Mohamed Ismayil ECE has left the meeting', 'Jeyasuriya A', '5001 MCT III A...', 'Aswini T ECE', 'Tamilmani.L.S...', 'Mohamed Ask...', and 'Srikanth. A Me...'. The bottom of the screen shows the Windows taskbar with icons for 'Address', 'Desktop', and the system clock showing '12:22 PM 5/19/2021'.

Program Title	MENTORSHIP SESSION FOR INNOVATORS
Brochure in pdf	Yes
Report in pdf	Yes
Description about the event (50 words)	<p>As part of IIC program, MIC is hereby announcing a MIC Driven Activity of Quarter 3. You may be aware that Q3 & 4 has been merged due to the prevailing pandemic situations.</p> <p>Speaker: Mr.S.MohanrajAssociateProjects,cognizant technology solution,Coimbatore.</p> <p>This webinar was mainly organized for encouraging andunderstanding Mentorship is the influence, guidance, or direction given by a mentor. What matters is that mentors have experience that others can learn fromabout customers’.</p>
Theme	R&D innovation/Entrepreneurship
Programme type	Webinar
Duration of the activity in mins	60mins
Start days	29.5.2021
End days	29.5.2021
No of Students participants	55

No of Faculty participants	25
No of External participants (any)	Nil
Expenditure amount (any)	Nil
Mode of session delivery	Online
Objective (100 words)	Protective factors "modify or transform responses to adverse events so that [students] avoid negative outcomes" and encourage the development of resilience.
Benefit in terms of learning/ skills/knowledge obtained (150words)	Underachieving students who come from risk factor-filled environments often have little support, so the role of educators can be beneficial for students if it extends beyond the basic structures within the classroom.
Video URL	https://youtu.be/yxmQ9z8-wE0
Facebook Link:	https://www.facebook.com/100057503550746/videos/167139922036832/
Twitter Link:	https://twitter.com/mamse_trichy/status/1417498616302800897?s=20
Photo : 2 Images	Applicable

INVITATION



M.A.M. SCHOOL OF ENGINEERING
(Accredited by NAAC, Approved by AICTE, New Delhi | Affiliated to Anna University)
Siruganur, Trichy - 621 105

**Institutes Innovation Council &
Department of Electrical and Electronics Engineering
Organises**

MENTORSHIP SESSION FOR INNOVATORS



MR.S.MOHANRAJ

Associate - Projects,
Cognizant technology solutions,
Coimbatore

DATE 29th May TIME 11.30 AM

Scan QR for URL



Meeting URL : meet.google.com/qec-fznw-rat

You Tube Link

<https://youtu.be/yxmQ9z8-wE0>

REPORT

As part of IIC program, MIC is hereby announcing a MIC Driven Activity of Quarter 3. You may be aware that Q3 & 4 has been merged due to the prevailing pandemic situations.

Activity Name : Mentorship session for innovators

Speaker : Mr.S.Mohanraj, AssociateProjects, cognizant technology solution,Coimbatore.

Date :29.5.2021

Time :11.30 am

This webinar was mainly organized for encouraging and understanding **Mentorship** is the influence, guidance, or direction given by a mentor. In our Institution over 80 Faculties and Students Participated in this Event .What matters is that mentors have experience that others can learn from about customers'. Protective factors "modify or transform responses to adverse events so that [students] avoid negative outcomes" and encourage the development of resilience. Underachieving students who come from risk factor-filled environments often have little support, so the role of educators can be beneficial for students if it extends beyond the basic structures within the classroom.



M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy-621105

(ACCREDITED BY NAAC)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING & IIC

INVITATION

M.A.M SCHOOL OF ENGINEERING
(ACCREDITED BY NAAC)
APPROVED BY AICTE | AFFILIATED TO ANNA UNIVERSITY
SIRUGANUR, TRICHY - 621 105

DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING &
INSTITUTION'S INNOVATION COUNCIL (IIC)
ORGANIZES
WEBINAR ON

WEDNESDAY
26TH MAY,
2021
@ 11.00 AM

**OPPORTUNITIES FOR EARLY
STAGE ENTREPRENEURS**

SPEAKER
AISHWARYA
SRINIVASAN,
Managing
Director ,
SNU
TECHNOLOGY
USA .

GOOGLE MEET LINK
<https://meet.google.com/ndf-jwus-ekd>





M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy-621105

(ACCREDITED BY NAAC)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING & IIC

REPORT

As part of IIC program, MIC, and Department of Electronics and Communication Engineering organized a webinar

Activity Name: “Opportunities For Early Stage Entrepreneurs”

Resource Person: Ms. Aishwarya Srinivasan, Managing Director, Snu Technology USA.

Mode of Activity: Online via Google meet

Date: 26 May 2021 (Wednesday)

Time: 11.00 AM

This unique talk cum presentation will be very useful for students and faculty members,. In our Institution over 90 Faculties and Students Participated in this Event.

The webinar began with the welcome address by the Head of the Department Ms.P,Kavitha/ECE. She has introduced and welcomed the Ms. Aishwarya Srinivasan, Managing Director, Snu Technology USA. The session then continued by Ms. Aishwarya Srinivasan who began with an introduction about Opportunities For Early Stage Entrepreneurs, following which she shed the light on the different types of entrepreneurship include , Creating a career that aligns with your values, Meeting like-minded people, Greater self-confidence, Leadership experience In sequel, she added the below points in her speech:

An entrepreneur will always have a set of business goals in mind to leverage the organization. According to business needs, these goals may differ. For startups, the initial goal will be to get the right resources to kick-start the company, while for existing businesses; the goal could be to keep the company operating at full capacity, taking care of the revenue and profits.

Even though the objectives and mottos of entrepreneurs change with time, there are some common business goals that are unavoidable. One of the goals for a businessperson is to create positive experiences for customers, other than following the norms of buying, selling, and setting a mark in the market. From polite customer care service to making buyers/clients comfortable, positive experiences have an endless scope.

Companies today maintain a good relationship with customers and clients by inviting them to special events, gifting them on special occasions, conveying wishes on occasions such as birthdays, anniversaries, etc. The above-mentioned are goals and objectives of almost all entrepreneurs who wish to emerge strong in the industry.

The session ended with hearty thanks to the Ms. Aishwarya Srinivasan at 12.00 pm.

At the end of webinar two students gave their feedback, and explained how they are benefitted by this webinar. Finally Dr. Abdur Rahman N, Assistant professor, ECE Department proposed the vote of thanks.

Program Title	Webinar on “OPPORTUNITIES FOR EARLY STAGE ENTREPRENEURS”
Brochure in pdf	Yes
Report in pdf	Yes
Description about the event (50 words)	<p>As part of IIC program, MIC, and Department of Electronics and Communication Engineering organized a webinar on “Opportunities For Early Stage Entrepreneurs” on 26.05.2021 at 11.00 AM.</p> <p>An overwhelming response is received from participants. In our Institution over 90 Students and Faculties Participated in this Event. The Resource Person Ms. Aishwarya Srinivasan who began with an introduction about Opportunities For Early Stage Entrepreneurs, following which she shed the light on the different types of entrepreneurship include, , Creating a career that aligns with your values, Meeting like-minded people, Greater self-confidence, Leadership experience.</p>
Theme	Entrepreneurship/ Startup
Programme type	Motivation Speech
Duration of the activity in mins	60 mins
Start days	26.05.2021

End days	26.05.2021
No of Students participants	70
No of Faculty participants	20
No of External participants (any)	Nil
Expenditure amount (any)	Nil
Mode of session delivery	Online
Objective (100 words)	<ul style="list-style-type: none"> • Sketching an apt business plan • Hiring and retaining a skilled workforce • Financial stability • Aligning marketing and sales • Generating greater ROI
Benefit in terms of learning/ skills/knowledge obtained (150words)	<ul style="list-style-type: none"> • Constant growth and development <p>Aligning your personal values with career values is an intensely Starting a company forces you to constantly improve your skillset, from marketing to closing deals to creating Excel reports. There is always more to learn and apply to your business, which can prevent complacency and encourage constant professional growth.</p>

	<ul style="list-style-type: none"> • Choosing who to work with <p>Entrepreneurs can choose which clients to work with, employees to hire, and partnerships to pursue. If having control over business relationships appeals to you, the entrepreneur life may be the perfect fit.</p> <ul style="list-style-type: none"> • Greater self-confidence <p>Nothing boosts your confidence more than battling self-doubt and coming out on top. Many entrepreneurs become more confident in their self-sufficiency as time goes on and they see what they are truly capable of.</p>
Video URL	<p>Twitter Link - https://twitter.com/mamse_trichy/status/1397598920813944835?s=20</p> <p>Face book Link - https://www.facebook.com/mamse.iic.9/posts/235315951728522</p>
Photo : 2 Images	Yes



M.A.M SCHOOL OF ENGINEERING

Accredited by NAAC

Approved by AICTE, New Delhi/ Affiliated to Anna University, Chennai

Siruganur, Tiruchirappalli – 621 105.



Orientation session for all students & faculties of Institute by Innovation Ambassador(s). 25.5.2021

M.A.M. School of Engineering - Institute's Innovation Council & Department of S& H organized an Orientation session for all students & faculties of Institute by Innovation Ambassador(s). Dr.J. Emima Jeronsia, IIC – Innovation Ambassador, Assistant professor of Physics, Holy Cross College, Trichy was the resource person.

Dr. P.Lilly Florence, IIC-Convenor & Head of the Department of Chemistry, M. A. M. School of Engineering welcomed the gathering. Mrs. S. Berbeth Mary, Assistant Professor, Department of Physics, M. A. M. School of Engineering introduced the Chief Guest. The focus of the webinar is to make the students and faculties to aware about the various sectors in IPR.

The Objective of the webinar is to create awareness about the IPR and its process. She explained about the differences between Trademark, patent, copyright, geographical indications, trade secrets etc. through some interesting stories of legendary innovational inventors and their products. The webinar mainly conducted for the purpose of spreading awareness about the process to get intellectual property, and how to protect it by law. This contest is very important for Engineering students because they are the future inventors. They may find new inventions. So they need to know the procedure to get ownerships and rights on the innovational discoveries. This contest may induce the participants to get clear cut idea about the process of register the rights on the discovery.

This webinar was successfully completed like a two way communication between the speaker and the students. The resource person has kept the listeners interesting till the end.

The Participants gained a lot of innovational ideas and got aware of the process after an every discovery. There were 98 students and 30 faculties participated in the order to sharpen their The Participants gained a lot of innovational ideas and got aware of the process after an every discovery. There were 98 students and 30 faculties participated in the webinar in order to sharpen their intelligence and to make innovative product for the societal benefit. Mrs. Beulah, Assistant Professor, Department of Chemistry concluded the session with the vote of thanks.


Meeting URL: <https://meet.google.com/oqa-ymdx-cjd>

Facebook Link

<https://www.facebook.com/mamse.iic.9/posts/234584308468353>


Twitter Link

https://twitter.com/mamse_trichy/status/1397196791179849739?s=20




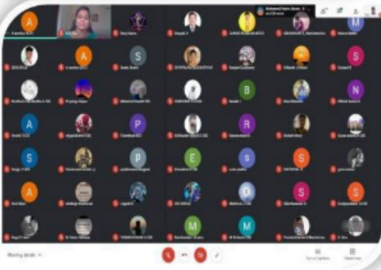
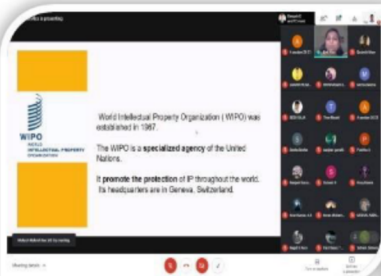


MAM SCHOOL OF ENGINEERING

Accredited by NAAC
Approved by AICTE, New Delhi || Affiliated to Anna University, Chennai
Siruganur, Trichy -621105



MAMSE - Institution's Innovation Council (IIC) and Department of Science & Humanities
Organized
Orientation Session on "IPR & Technology Transfer"
Date: 25.05.2021



Meet - oqa-yndx-cjd - Google Chrome

meet.google.com/oqa-yndx-cjd?authuser=0

Emi Alex is presenting

Barbeth Mary and 92 more


101

2:48 PM


You

Patent


A government authority or license conferring a right or title for a set period, especially the sole right to exclude others from making, using, or selling an invention..



Joseph Friedman observed his daughter as she struggled to drink a milk shake through a straight paper straw.



- Patented - 1937 - Flexible Straw Corporation.
- Renamed the Flex-Straw Company- 1939.
- Patent rights sold - Maryland Cup Corporation, 500 million of the straws every year.



MISHAL ABDUL RAH...

Emi Alex

A

A section 20-21

Ragul K Aero

P

Punitha A

Hari Haran

More options

Class List

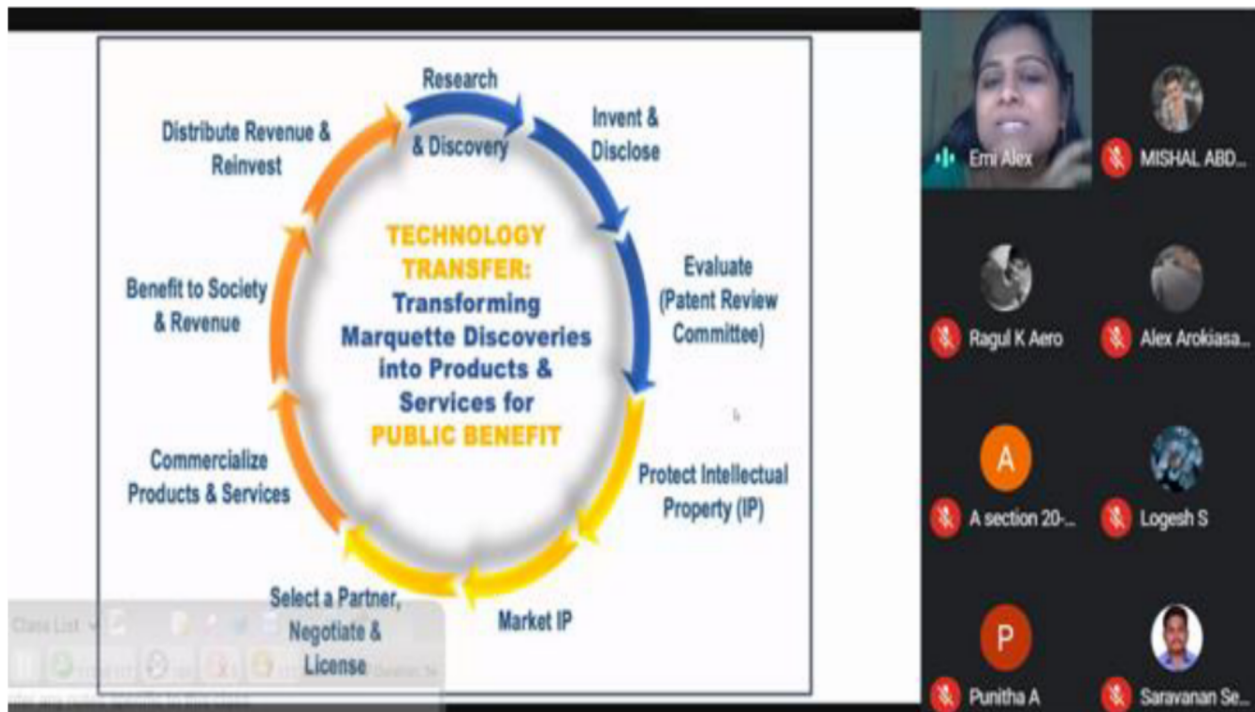
Meeting details

Enter any notes specific to this class.

Turn on captions

Emi Alex is presenting

2:48 PM 5/25/2021





M.A.M SCHOOL OF ENGINEERING

Accredited by NAAC



Approved by AICTE, New Delhi/Affiliated to Anna University, Chennai

Siruganur, Tiruchirappalli- 621 105

- 1. Description about the Event :** Orientation session for all students and Faculties of Institute by an Innovation Ambassador
- 2. Programme Type:** Orientation Session
- 3. Programme Theme :** Theme of the programme is to make the students aware about the IPR like Trademark, copyright, patent right, geographical indications, trade secrets and also about technology transfer.
- 4. Start Days:** 25.05.2021
- 5. End Days:** 25.05.2021
- 6. Duration of the event in mins:** 60 minutes
- 7. No. Of Students Participants:** 98
- 8. No. Of Faculty Participants:** 30
- 9. No. Of External Participants:** nil
- 10. Expenditure Amount:** Rs.500.00
- 11. Objective (100 Words):**

The Objective of the orientation session is to create awareness about the IPR and its process. She explained about the differences between Trademark, patent, copyright, geographical indications, trade secrets etc. through some interesting stories of legendary innovational inventors and their products. This orientation session is very important for engineering students because they are the future inventors. They may find new inventions. So they need to know the procedure to get ownerships and rights on the innovational ideas, products, etc. This session may induce the participants to get clear cut idea about the process of register the rights on the innovation.

12. Benefits in terms of learning/skills/ Knowledge:

The students and the participants were benefitted and gained knowledge on Trade mark, copy right, patent geographical indications, trade secrets etc. through some interesting stories of legendary innovational inventors and their products. The students of Engineering have gained lots of information and ideas about the process and the procedures to get patent, copy rights, Trademarks etc. The participants were highly motivated and gained knowledge about the technology transfer - transforming Marquette discoveries into products& services for Public benefit.

13. Meeting [URL:http://meet.google.com/oqa-yndx-cjd](http://meet.google.com/oqa-yndx-cjd)

Facebook Link

<https://www.facebook.com/mamse.iic.9/posts/234584308468353>

Twitter Link

https://twitter.com/mamse_trichy/status/1397196791179849739?s=20

14: Image:



M.A.M. SCHOOL OF ENGINEERING

(Accredited by NAAC, Approved by AICTE, New Delhi | Affiliated to Anna University)
Siruganur, Trichy - 621 105



**Institutes Innovation Council &
Department of Science & Humanities
Organises**

Webinar on
**Orientation session for all students
& faculties of Institute by
Innovation Ambassador(s).
(IPR & Technology Transfer)**

SPEAKER:
Dr. J. Emima Jeronsia
IIC –Innovation Ambassador,
Assistant Professor of Physics,
Holy Cross College,
Trichy



Tuesday
25/05/2021 @2.30pm

Meeting URL :
<https://meet.google.com/oqa-yndx-cjd>



Or Scan For link

www.mamse.in



M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy-621105

(ACCREDITED BY NAAC)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

TRAINING AND PLACEMENT CELL & IIC

INVITATION





M.A.M. SCHOOL OF ENGINEERING

(Accredited by NAAC, Approved by AICTE, New Delhi | Affiliated to Anna University)
Siruganur, Trichy - 621 105

AICTE – SPDC, INSTITUTION'S INNOVATION COUNCIL (IIC) & TRAINING AND PLACEMENT CELL
Organizes

HR CONCLAVE

PANEL DISCUSSION ON INNOVATION, START UP AND ENTREPRENEURSHIP

JULY 25
@ 7:00 PM

Meeting URL: <https://qr.go.page.link/BD02u>



Scan QR for URL

Speaker :

Mr. Balaji
Active connection systems
India Ltd, Chennai.



Speaker :

Ms. Shruthi
HR MANAGER, ALORCORP
ENGINEERING COMPANY.



Speaker :

Mr. Karthik Ingarasal
V.P Springworks, Bangalore.



Speaker :

Mr. K. Sukumar
General Manager, RINISH Techno
private limited.



Speaker :

Ms. Shruthi
ALORCORP ENGINEERING
COMPANY HR MANAGER



Speaker :

Mr. Dinesh Kumar
Indium Software India Pvt.Ltd.
Test Engineer, Chennai.





M.A.M. SCHOOL OF ENGINEERING

Siruganur, Trichy-621105

(ACCREDITED BY NAAC)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

TRAINING AND PLACEMENT CELL & IIC



REPORT

As part of IIC program, MIC, and Training And Placement Cell organized a webinar

Activity Name: “Panel Discussion on Innovation, Start up and Entrepreneurship”

Resource Persons: 1.Mr.KSukumar, G.M, RiNish Techon Private limited,

2. Mr. Balagi, Aptiv Connection Systems, India Ltd, Chennai

3. Ms. Shruthi, HR Manager, Alorcorp Engineering Company.

4. Mr. Karthi Ingarasal, V.P., Springworks, Bangalore.

5. Ms. Shruthi, Manager, Alcorcorp Engineering Company.

6. Mr. Dinesh Kumar, Test Engineer, Indium Software Pvt, Ltd., Chennai.

Mode of Activity: Online via Zoom

Date: 25 July 2021 (Sunday)

Time: 07.00 PM

This unique talk cum presentation will be very useful for students and faculty members,. In our Institution over 100 Faculties and Students Participated in this Event.

The webinar began with the welcome address by the Head of the Department Ms.P,Kavitha/ECE. She has introduced and welcomed All the Resource Persons namely .Mr.KSukumar, Mr. Balagi, Ms. Shruthi, Mr. Karthi Ingarasal, Ms. Shruthi, Mr. Dinesh Kumar. The session then continued by : Mr.KSukumar who began with an introduction about Panel Discussion on Innovation, Start up and Entrepreneurship, following which he shed the light on Business Startup and Entrepreneurship. The intention or the objective of the session was to help the students to plan a startup of their interest. Various aspects of startups were discussed in the

program including the idea, mission and legal methods. He emphasized that more than earning for ourselves; startups should be quite innovative that would help the lives of ordinary people.

Mr. Balagi, following he shed the light on Entrepreneurship is the 'hot topic' all around the world that fascinates many. It generally means starting a business and earning money and is associated with the ability to improve standards of living and to create wealth, but it is derived from a French word 'Entreprendre' which means to do something or to initiate. So, initiation was the major theme in the entrepreneurship panel of Discussion on Innovation, Start up and Entrepreneurship,

Ms. Shruthi following She shed the light on Start-ups are small growing companies founded by one or more entrepreneurs; they are at their initial stage of operation with a limited amount of capital and limited experience. The government of India has taken several initiatives to encourage the growth of start-ups in order to promote entrepreneurship and employment by providing easier IPR facilitation, a favorable taxation system, and easier compliance for the setting-up company, etc., even then Start-ups in India have to deal with various obstacles like funding,

Mr. Dinesh Kumar following he shed the light on over that start-ups have obligation to operate in compliance with laws and follow the ethical behavior. Non –compliance with laws or ethical misconduct may lend the start-ups to serious troubles like fines, punishments, revocation of licenses, litigation expenses, etc. which may cause an adverse effect on the limited capital of the start-ups,

The session ended with hearty thanks to all the Resource Persons at 8.00 pm.

At the end of webinar two students gave their feedback, and explained how they are benefitted by this webinar. Head of the Department Dr.Punitha /MECT proposed the vote of thanks.

Program Title	Webinar on “Panel Discussion on Innovation, Start up and Entrepreneurship”
Brochure in pdf	Yes
Report in pdf	Yes
Description about the event (50 words)	<p>As part of IIC program, MIC, and Training And Placement Cell organized a webinar on “Panel Discussion on Innovation, Start up and Entrepreneurship” on 25.07.2021 at 07.00 PM.</p> <p>An overwhelming response is received from participants. In our Institution over 100 Students and Faculties Participated in this Event. The Resource Persons namely .Mr.KSukumar, Mr. Balagi, Ms. Shruthi, Mr. Karthi Ingarasal, Ms. Shruthi, Mr. Dinesh Kumar. Mr.KSukumar, who began with an introduction about Panel Discussion on Innovation, Start up and Entrepreneurship, following which he shed the light on Business Startup and Entrepreneurship. The intention or the objective of the session was to help the students to plan a startup of their interest. Various aspects of startups were discussed in the program including the idea, mission and legal methods.</p>
Theme	Entrepreneurship/ Startup
Programme type	Motivation Speech
Duration of the activity in mins	60 mins

Start days	25.07.2021
End days	25.07.2021
No of Students participants	80
No of Faculty participants	20
No of External participants (any)	Nil
Expenditure amount (any)	Nil
Mode of session delivery	Online
Objective (100 words)	<ul style="list-style-type: none"> • Discuss human, financial, technological and strategic aspects • Share best practices, trends and outlook for entrepreneurship • Facilitate business opportunities for Startups
Benefit in terms of learning/ skills/knowledge obtained (150words)	<p>Panel Discussion 1</p> <p>Skilling youth for dynamic challenges in Entrepreneurship</p> <p>Role of Incubation Units, Alumni Associations, Lessons, Outlook for changing modes of learning/skilling, International landscape, Resource Generation for Start ups, Innovation, Creation of Job Opportunities /Livelihoods / Empowerment</p>

	<p>Panel Discussion 2</p> <p>Technological transformations and diversities in Start ups</p> <p>Degree of automation, Impact on quantum and efficiency of human resource, Employment, Mobility of people, Sectoral diversities, Success rate / Sustainability- how existing system can be leveraged to boost entrepreneurship , Linkages to manufacturing sector (Make in India),Scope for UK-India business opportunities.</p> <p>Panel Discussion 3</p> <p>Business Models for Entrepreneurs</p> <p>Unit Economics, Revenue Models, Lessons from Failures</p>
Video URL	<p>Twitter Link - https://twitter.com/mamse_trichy/status/1419953867949629441?s=20</p> <p>Face book Link - https://www.facebook.com/mamse.iic.9/posts/275902131003237</p>
Photo : 2 Images	Yes



M.A.M. SCHOOL OF ENGINEERING

(Accredited by NAAC)

(Approved by AICTE, New Delhi | Affiliated to Anna University)

Siruganur, Trichy - 621 105

Webinar on Prototype Validation - Converting Prototype into a Startup

At 12:00 P.M. sharp, Dr. K. Chandrasekaran organizing head and the host for the webinar, welcomed all the attendees and specially mentioned and thanked the Principal of M.A.M. School of Engineering for giving the valuable support to conduct this webinar. He also introduced the expert speaker Er.Muneeswaran Raghupathi, Chief Engineer, Thrust Aircraft Private Limited, Mumbai and put light on his work experience. This was entailed by handing over the center-stage to Er.Muneeswaran Raghupathi live speaker for the entire webinar.

Benefit in terms of learning/ skills/knowledge obtained:

Prototyping is an integral part of Design Thinking and User Experience design in general because it allows us to test our ideas quickly and improve on them in an equally timely fashion. The Institute of Design at Stanford encourages a “bias towards action”, where building and testing is valued over thinking and meeting. However, why is prototyping so important in the design process? Moreover, how does it help you create human-centred design solutions? Before we start making prototypes to test our assumptions, let’s get a closer understanding behind the what, how and why of prototyping.

He ended his lecture with a small question and answer session with the attendees.

Following the lecture, Dr. K.Chandrasekaran, Head of Aeronautical Department, summed up the lecture in his words and appreciated the efforts of student members to have pulled off the webinar during lockdown gracefully.

Dr.D.Deepak, Associate Professor, gave vote of thanks and acknowledging Principal, Co-Ordinator, Convener all the attendees and the guest speaker to have graced the event. He ended the webinar with his ‘stay safe and at home’ remark to the attendees.

The students showed immense interest and inquisitiveness throughout the webinar.

Webinar on Prototype Validation - Converting Prototype into a Startup

The following documents are required for IIC self driven activity

1. Brochure in pdf: Yes
2. Report in pdf: Yes
3. Description about the event:
Prototyping is an integral part of Design Thinking and User Experience design in general because it allows us to test our ideas quickly and improve on them in an equally timely fashion. The Institute of Design at Stanford encourages a “bias towards action”, where building and testing is valued over thinking and meeting. However, why is prototyping so important in the design process? Moreover, how does it help you create human-centred design solutions? Before we start making prototypes to test our assumptions, let’s get a closer understanding behind the what, how and why of prototyping.
4. Theme : R & D innovation
5. Programme type: Workshop
6. Duration of the activity in mins:90 min
7. Start days : 22.05.2021
8. End days : 22.05.2021
9. No of Students participants : 60
10. No of Faculty participants : 12
11. No of External participants (any): Nil
12. Expenditure amount (any) : Nil
13. Mode of session delivery: Online
14. Objective (100 words):

The students gained an in-depth understanding of the topic i.e. how they can convert a prototype into a viable business idea, the challenges they have to face and how to overcome the challenges by learning from the expert’s very own journey of recently converting a prototype into a commercial product i.e. iTappit – a smart business card that will reduce the need to carry the business cards with you. You could simply transfer the contact details and business details from one device to another by just tapping that card with a NFC enabled device. The learning was quite evident from the level of questions asked by the students to the expert.

15. Benefit in terms of learning/ skills/knowledge obtained (150words):

Students gained in-depth knowledge in relation to the entrepreneurship development and Project Management subjects as a part of the curriculum in their 2nd semester. The topic dealt with the two core areas of the subject i.e. Entrepreneurial Strategy: Generating and Exploiting new entry opportunities and Creativity and Business Idea Generation.

PO1: Business Environment and Domain Knowledge

PO2: Creative Thinking, Business Analysis, Problem Solving and Innovative Solutions.

16. Video URL:

Twitter Link:

https://twitter.com/mamse_trichy/status/1412617519278346242?s=20

Facebook Link:

<https://www.facebook.com/100057503550746/videos/261937342399716/>

17. Photo : Yes



M.A.M SCHOOL OF ENGINEERING

Accredited by NAAC

Affiliated to Anna University, Chennai/ Approved by AICTE, New Delhi
Siruganur, Tiruchirappalli-621 105.

MAMSE/IIC/ 2020-2021/M -04

12.05.2021

MINUTES OF INSTITUTION INNOVATION COUNCIL THIRD MEETING

Time: 11.15a.m noon – 12.15 p.m

Online Mode: Google meet

Gmeet link: <https://meet.google.com/weq-exvm-xnq>

The Following the Members were attended the Third Council meeting

S.No	Name	Designation	Department	Role
1.	Dr. P. Ranjith Kumar	PRINCIPAL	MECH	Head of the Institute
2.	Dr. A. Punitha	PROF /HEAD	MECHATRONICS	President
3.	Mr. M. Chandrasekar	ASST. PROF	MECHATRONICS	Vice President
4.	Dr.P.Lilly Florence	PROF /HEAD	CHEMISTRY	Convenor
5.	Prof. R. Ramanathan	PROF /HEAD	MECH	Internship & Start-up Activity Coordinator
6.	Dr. K. Chandrasekaran	PROF /HEAD	AERONAUTICAL	IPR & Innovation Activity Coordinator
7.	Prof. P. Kavitha	ASSO. PROF /HEAD	ECE	NIRF coordinator
8.	Prof .S. Saravanan	ASST. PROF	MECHATRONICS	Social media & ARIIA Coordinator
9.	Nizar Ahamed	Student	Aeronautical	Start-up Activity -Student Coordinator
10.	B. Bharathi Raja	Student	Mechanical	Internship Student Coordinator
11.	R. Naveen R	Student	EEE	Social media Student Coordinator
12.	S. Abdul Latiff	Student	Mechatronics	Innovation Activity Student Coordinator

13.	S. Subha	Student	ECE	IPR student Coordinator
14.	Prof. S. Murugavalli	ASSO.PROF /HEAD	CSE	Member
15.	Prof. G. Purushothaman	ASST. PROF	EEE	Member
16.	Dr. M. Sangeetha	ASSO. PROF	EEE	Member
17.	Mr. K. Sathish Kumar	ASST. PROF	CSE	Member
18.	Mrs. P. Sivamalar	ASST. PROF	CSE	Member
19.	Mrs. D.Sumathi	ASST. PROF	CSE	Member
20.	Mr. A.Mohan Kumar	ASST. PROF	MECH	Member
21.	Mr. K. Karthikeyan	ASST. PROF	ECE	Member
22.	Mr. Senthamarai Kannan	ASST. PROF	EEE	Member
23.	Mr. S. Ravichandran	ASSO.PROF	MECH	Member
24.	Ms. Subhapradha	ASST. PROF	MECHAT	Member
25.	Dr.Abdur Rahman	ASSO.PROF	ECE	Member
26.	Ms. C. Meena	ASST. PROF	MATHS	Member
27.	Ms.K. Nageswari Rosy	ASST. PROF	MATHS	Member
28.	Ms.S.Sindhuja	ASST. PROF	ENGLISH	Member
29.	Dr.Deepak	ASSO.PROF	Aeronautical	Member
30.	Dr. S. Berbeth Mary	ASST. PROF	PHYSICS	Member
31.	M. James Antony Peter	Student	Aeronautical	Member
32.	Mr.R.Ranjith Kumar	ASST. PROF	EEE	Member
33.	Mrs.P.Sudha	ASST. PROF	MECHAT	Member
34.	Mr.R.Saravanan	ASST. PROF	CSE	Member
35.	R.Mithra	Student	Aeronautical	Member
36.	R.Mangaiyarkarasi	Student	Aeronautical	Member
37.	V. Ramesh	Student	Aeronautical	Member
38.	Kulanthai Vel	Student	Aeronautical	Member
39.	Mr.S.Venkatraman	ASST. PROF	MECH	Member

IIC Council Meeting - Review of Q3 Progress & Planning of Q4

The Following the points were discussed in the fourth Council meeting

The Head of the Institution presided the Institution Innovation Council fourth meeting for the academic year 2020-2021 on 12.05.2021 at 11.15 a.m. He appreciated the staff coordinators, student coordinators, faculty and students for their effort and motivated them to do programmes to fulfill the thrust area awareness about Startup related Ecosystem. Further, the Principal asked the HODs to give prime importance to IIC Activities so as to have tangible proofs to upload.

Dr. P. Lilly Florence, Convenor of IIC-MAMSE highlighted the need and essential requirement of IIC at Institution level. She has discussed about the objective of IIC, formation and functions of IIC, Annual calendar plan for IICs, Self-driven activities by IICs, MICs driven programs, report submission mechanism and scoring & rating system. She reviewed the planned activities conducted during Q3. She mentioned that 20 programmes under IIC –MAMSE were conducted. Out of which 13: IIC Calendar Activity, 03: MIC Driven Activity, 04: Self Driven Activity was conducted.

She placed the Q4 Plan activities / Programs that MIC scheduled activities. She insisted to conduct interactive sessions on Prototype Validation - Converting Prototype into a Startup, Accelerators/ Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs, “Lean Start-up & Minimum Viable Product/Business”, Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs and Panel discussion with innovation and Startup Ecosystem Enablers from the region/state/national level, etc. to achieve the thrust area of Q4 awareness about Startup and related Ecosystem.

Faculty coordinators are asked to arrange the events in their respective allotted domain and inculcate interest among the students and involve them in the IIC activities.

The principal asked the HODs and coordinators to organize the activities in the planned manner. He has suggested organizing one activity from each department. The activities related with startup, innovation, entrepreneurial and IPR are to be conducted. Other activities may not be brought under the banner of IIC.

Mr. M. Chandrasekar, Vice-President of IIC- MAMSE welcomed the gathering.

Dr.A.Punitha, President of IIC – MAMSE concluded the meeting and proposed vote of thanks.



MAM SCHOOL OF ENGINEERING

Accredited by NAAC
Approved by AICTE, New Delhi || Affiliated to Anna University, Chennai
Siruganur, Trichy -621105

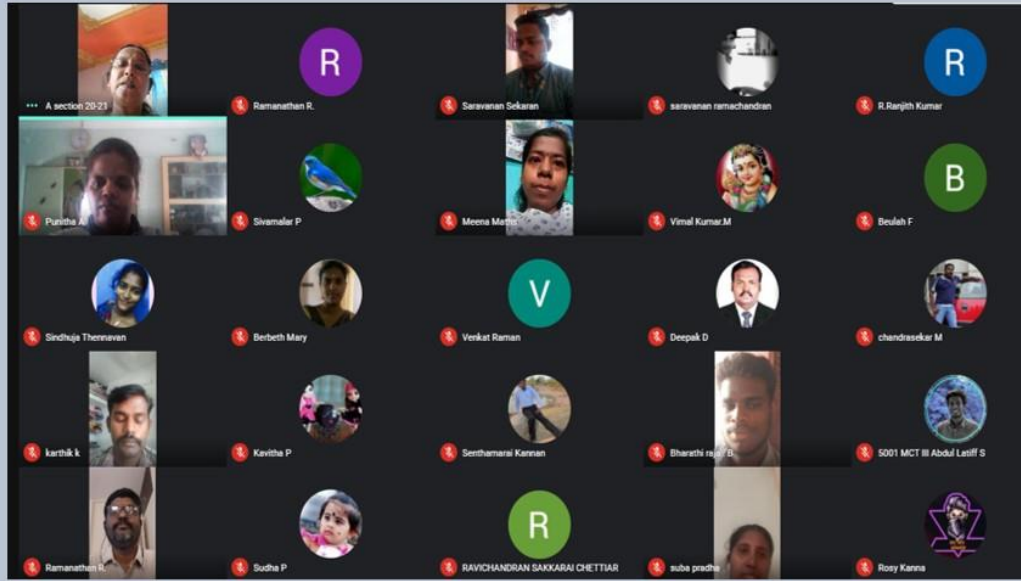


MAMSE - Institution's Innovation Council (IIC)

Organized

"IIC Council Meeting - Review of Q3 Progress & Planning of Q4"

Date: 12.05.2021



MAM SCHOOL OF ENGINEERING

Accredited by NAAC
Approved by AICTE, New Delhi || Affiliated to Anna University, Chennai
Siruganur, Trichy -621105

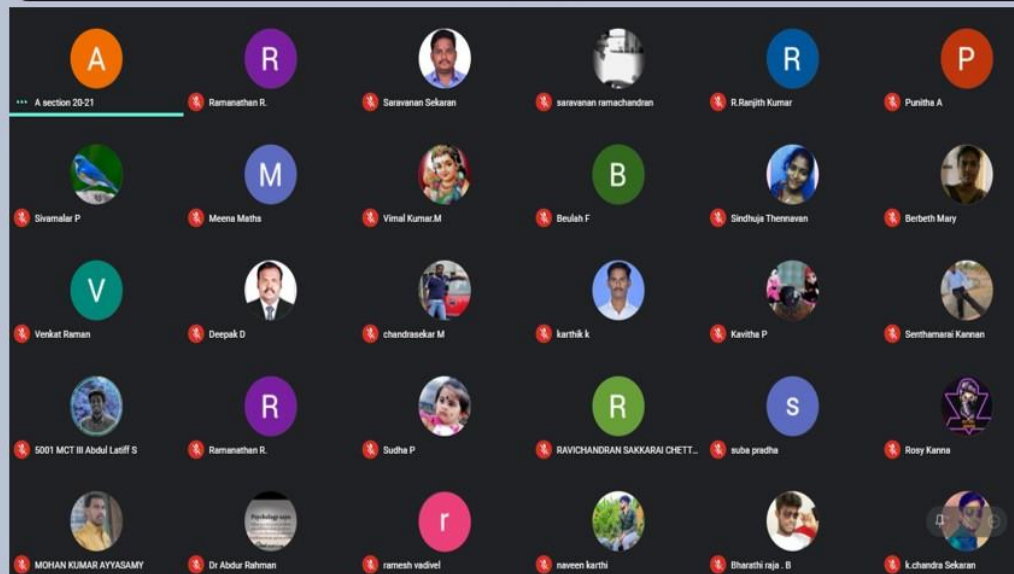


MAMSE - Institution's Innovation Council (IIC)

Organized

"IIC Council Meeting - Review of Q3 Progress & Planning of Q4"

Date: 12.05.2021



IIC REPORT FORMAT

1.Programme Type – IIC Q3 Review Meeting & Planning of Q4

2.Programme Theme – Review and Planning of IIC Activities

3.Start days : 12.05.2021

4.End days : 12.05.2021

5.No of Students participants : 10

6.No of Faculty participants : 29

7.No of External participants (any): Nil

8.Expenditure amount (any) : Nil

9.Objective (100 words)

- i) Review of Q3 Activities Conducted
- ii) Planning for Q4 Activities

10.Benefit in terms of learning/ skills/knowledge obtained
(150words)

Faculty coordinators, student coordinators, all the faculty members and students came to about the programmes conducted during Q3 as well as the activities which are to be conducted during Q4 to fulfill the thrust areas awareness about Startups and related ecosystem.

11.Video: 2 to 3 minutes

12.Photo : 2 jpg

13.Report with iic symbol pdf/ word

14.FacebookLink: <https://www.facebook.com/mamse.iic.9/posts/226054625987988>

15.TwitterLink:

https://twitter.com/mamse_trichy/status/1392385560954638337?s=20



M.A.M SCHOOL OF ENGINEERING

Accredited by NAAC

Approved by AICTE, New Delhi/ Affiliated to Anna University, Chennai
Siruganur, Tiruchirappalli – 621 105.



Webinar on “Session on Angel Investment/Funding Opportunity for early stage Entrepreneurs” (02.06.2021)

M.A.M. School of Engineering- Institution’s Innovation Council and department of Mechatronics organized a Webinar on “**Session on Angel Investment/Funding Opportunity for early stage Entrepreneurs**” on 02.06.2021.

Er.N.Rahul ,Founder –ATESH Labs (LLWPLTD)& Silverink Foundation OiiU Labs,IIC-Innovation Ambassador –MoE Innovation cell , disseminated the knowledge about the **Session on Angel Investment/Funding Opportunity for early stage Entrepreneurs**. The points further discussed during orientation session:

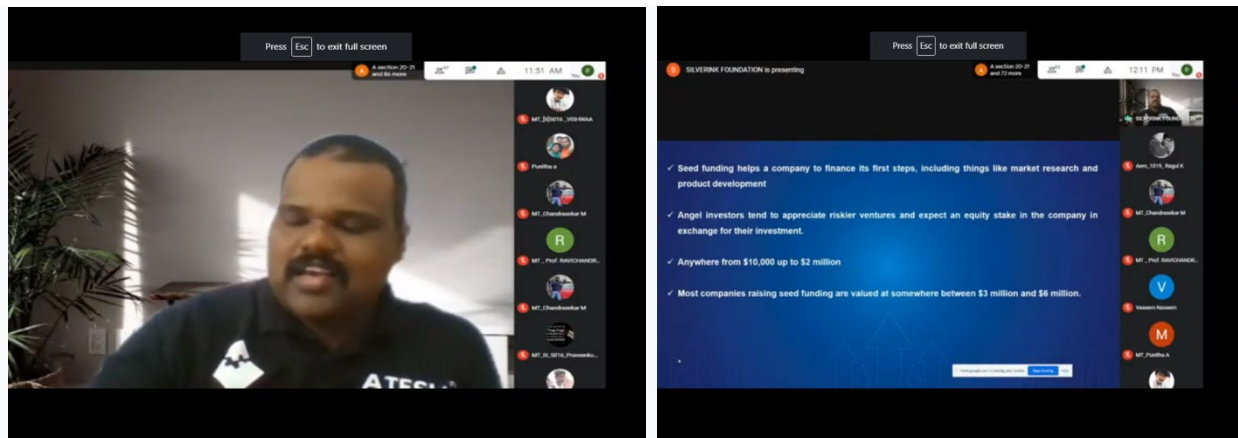
- An angel investor is a person or company that provides capital for start-up businesses in exchange for ownership equity or convertible debt. They may provide a one-time investment or an ongoing capital injection to help the business move through the difficult early stages. Unlike banking institutions that invest in already profitable businesses, angel investors invest in entrepreneurs taking their first steps in business. In most cases, they play an active role in the management of the new business as a way of protecting their investment and helping the owner build a thriving business. Also, some passive investors invest through a fund or Private Placement Memorandum and are not directly involved in the business.
- There are three ways in which an angel investor can provide funds to a start-up business. The most common way is to offer the business a loan that can be converted into an equity position in the company once the company has taken off. In such a situation, the angel investor will require a 20%-30% equity interest that gives them a voice on the company’s board. The second option is to provide funds through a convertible preferred stock option and still be a member of the company board. The investor then defers the dividend payment for the stocks until a future date. The third option is to get an equity position directly, such as a 20%-30% stake in the company. To safeguard his or her interest, the investor may appoint one or two associates to help in managing the business.

Startup Financing: Key Funding Options For Your Company

- **Angel Financing.** Angel investors are typically individuals who invest in startup or early-stage companies in exchange for an equity ownership interest. ...
- Crowdfunding. ...

- Small Business Credit Cards. ...
- Venture Capital. ...
- Bootstrapping. ...
- Friends and family. ...
- Small **business** grants. ...
- Loans or lines of credit. ...
- Incubators. ...
- Angel investors. ...
- Venture capital.

<https://www.facebook.com/100057503550746/videos/207131491340442/>




MAM SCHOOL OF ENGINEERING
 Siruganur, Trichy - 621106
 Accredited by NAAC
 Approved by AICTE, New Delhi || Affiliated to Anna University, Chennai


INSTITUTION'S INNOVATION COUNCIL
 (Ministry of HRD Initiated)

IIC & MECHATRONICS ENGINEERING Organized

Angel Investment / VC Funding Opportunity for early stage Entrepreneurs-02.06.21

Session on Angel Investment / VC Funding Opportunity for Early Stage Ch...

SEVERINK FOUNDATION is presenting

Types of Investments

00 PROTOTYPE / MVP (Seed)

- ✓ Early Grants
- ✓ Provisional Investments

01 PRE-SEED

- ✓ Grants
- ✓ Loans & Equity

- ✓ TECHNO-ENTREPRENEURS ARE INTERESTED IN HAVING NETWORKING WITH INVESTORS
- ✓ Having identified a clear market opportunity
- ✓ YOU'RE ABOUT TO MAKE YOUR FIRST NEW HIRE
- ✓ YOUR REVENUES ARE STARTING TO PICK UP
- ✓ Every day investors at SEVERINK are not making any investment exchange for equity in the company



12:18 / 1:28:10

Click for details



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021101443

The Commissioner of Patents has granted the above patent on 28 April 2021, and certifies that the below particulars have been registered in the Register of Patents.

Name and address of patentee(s):

PANNEER SELVAM N of Principal, M.A.M. Polytechnic College, Tiruchy-Chennai Trunk Road Siruganur, Tiruchirappalli, Tamil Nadu 621105 India

M. SANGEETHA of Associate Professor, Department of EEE, M.A.M. School of Engineering Trichy-Chennai Trunk Road Siruganur, Tiruchirappalli, Tamil Nadu- 621105 India

P. SHANTHI of Professor, Department of CSE, M.A.M. College of Engineering Tiruchirappalli, Tamil Nadu 620105 India

KARTHIK N of Assistant Professor (SG), Department of EEE Hindustan Institute of Technology and Science, OMR, Padur, Chennai, Tamil Nadu- 603103 India

G. MURUGESAN of Associate Professor, Department of ECE Anjalai Ammal Mahalingam Engineering College, Kovilvenni, Thiruvavur, Tamil Nadu- 614403 India

RENJITH THOMAS of Associate Professor, Department of ECE Musaliar College of Engineering and Technology, Pathanamthitta, Kerala- 689653 India

C PARTHA of 135B, Chiswick Road Brighton Massachusetts 02135 United States of America

A. VIMALA JULIET of Professor & Head, Department of EIE, SRM Institute of Science and Technology Kattankulathur, Tamil Nadu- 603203 India

K. E. LAKSHMIPRABHA of Associate Professor, Department of EEE Karpaga Vinayaga College of Engineering and Technology, Madurantakkam, Tamil Nadu- 603308 India

V. R. PRAKASH of Assistant Professor, Department of ECE Hindustan Institute of Technology and Science, OMR, Padur, Chennai, Tamil Nadu- 603103 India

Title of invention:

Secure Device To Device Connectivity Mechanism for IoT Smart City Applications

Name of inventor(s):

SELVAM N, PANNEER; SANGEETHA, M.; SHANTHI, P.; N., KARTHIK; MURUGESAN, G.; THOMAS, RENJITH; PARTHA, C.; VIMALA JULIET, A.; LAKSHMIPRABHA, K. E. and PRAKASH, V. R.

Term of Patent:

Eight years from 20 March 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



Dated this 28th day of April 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.



Australian Government

IP Australia

CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021101443



Dated this 28th day of April 2021

Commissioner of Patents

PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

Sect 120(1A) Infringement proceedings in respect of an innovation patent cannot be started unless the patent has been certified.

- (1) Where a person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings a person aggrieved may apply to a prescribed court, or to another court having jurisdiction to hear and determine the application, for:
 - (a) a declaration that the threats are unjustifiable; and
 - (b) an injunction against the continuance of the threats; and
 - (c) the recovery of any damages sustained by the applicant as a result of the threats.
- (2) Subsection (1) applies whether or not the person who made the threats is entitled to, or interested in, the patent or a patent application.

Certain threats of infringement proceedings are always unjustifiable.

- (1) If:
- (a) a person:
 - (i) has applied for an innovation patent, but the application has not been determined; or
 - (ii) has an innovation patent that has not been certified; and
 - (b) the person, by means of circulars, advertisements or otherwise, threatens a person with infringement proceedings or other similar proceedings in respect of the patent applied for, or the patent, as the case may be;
- then, for the purposes of an application for relief under section 128 by the person threatened, the threats are unjustifiable.

(2) If an application under section 128 for relief relates to threats made in respect of an innovation patent that has not been certified or an application for an innovation patent, the court may grant the application the relief applied for.

(3) If an application under section 128 for relief relates to threats made in respect of a certified innovation patent, the court may grant the applicant the relief applied for unless the respondent satisfies the court that the acts about which the threats were made infringed, or would infringe, a claim that is not shown by the applicant to be invalid.

certified, in respect of an innovation patent other than in section 19, means a certificate of examination issued by the Commissioner under paragraph 101E(e) in respect of the patent

PATENT OFFICE
INTELLECTUAL PROPERTY BUILDING
G.S.T. Road, Guindy, Chennai-600032
Tel No. (091)(044) 22502081-84 Fax No. 044 22502066
E-mail : Chennai-patent@nic.in
Web Site : www.ipindia.gov.in



CHALLAN : TR-5
DOCKET NO :48824

Date/Time : 03/08/2017 12:08:08

To,
P. RANJITH KUMAR

Agent Number:

99, SANKAR NAGAR, MANGAMMANAGAR EXTENSION, SRIRANGAM, TRICHY 620006, TAMIL NADU.
ranjjith@gmail.com

Sr. No.	CBR No.	Reference Number / Application Type	Application Number	Title/Remarks	Amount Paid
1	25637	ORDINARY APPLICATION	201741027566	ACRYLIC OPEN TYPE MICRO DRILL JIG	1750
2		E-2/2336/2017-CHE	201741027566	Form2	0
3		E-3/18209/2017-CHE	201741027566	Form3	0
4		E-5/916/2017-CHE	201741027566	Form5	0
5	25637	E-12/545/2017-CHE	201741027566	Form9	0
Total :					2750
Received a sum of Rs. 4500 (Rupees Four Thousand Five Hundred only) through					4500

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Cash	---	---	---	4500

Note: This is electronically generated receipt hence no signature required.

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(21) Application No.201741027566 A

(22) Date of filing of Application :03/08/2017

(43) Publication Date : 18/08/2017

(54) Title of the invention : ACRYLIC OPEN TYPE MICRO DRILL JIG

(51) International classification	:B24B3/24;	(71)Name of Applicant :
(31) Priority Document No	B24B41/02	1)Dr.P.Ranjith Kumar
(32) Priority Date	:NA	Address of Applicant :99, SANKAR NAGAR,
(33) Name of priority country	:NA	MANGAMMANAGAR EXTENSION, SRIRANGAM, TRICHY
(86) International Application No	:NA	- 620006, TAMIL NADU, Tamil Nadu India
Filing Date	:NA	2)Dr. TTM. Kannan
(87) International Publication No	:NA	3)Dr. K.Chandrasekaran
(61) Patent of Addition to Application Number	:NA	4)Mr.R.Ramanathan
Filing Date	:NA	(72)Name of Inventor :
(62) Divisional to Application Number	:NA	1)Dr. P.Ranjith Kumar
Filing Date	:NA	2)Dr. TTM.Kannan
	:NA	3)Dr. K.Chandrasekaran
		4)Mr.R.R.Ramanathan

(57) Abstract :

ABSTRACT Micro drill jig is a special work holding device for holding, supporting and locating the Micro work pieces and also guide the micro drills from 0.2 mm -1.5 mm in micro hole production system. As the efficient running of micro manufacturing company which demand prompt and simple work positioning strategy for correct operations depends largely on the interchange ability system. This led to demand for a better cost effective work holding devices which will ensure better quality products, reduces lead time and also increase throughput. Micro fabrication Technology has been steadily advances in recent times. Miniaturization of various devices with present changes in many areas such as machine design, equipment design, jig and fixture design. Acrylic is a versatile material having the superior properties such as good impact strength, good dimensional accuracy, Excellent Optical Clarity and good rigidity with lesser weight. In this work, we have fabricated Acrylic open type micro drill jig for micro hole production system. Acrylic Jig performs well in harsh weather condition and also provides the property of excellent fabrication. Acrylic open type micro drill is a special type jig which top of the drill jig is open and micro work piece are placed on top and micro drill is passed through the drill bush. This Acrylic micro drill jig which eliminates marking system also facilitating the micro hole production in larger quantities without circularity error occur in the micro holes. Over all dimensions of Acrylic open type micro drill is 60 X 35 X 40 mm. This Acrylic micro drill jig may be implemented in micro manufacturing system and Micro factory concept It is specially designed to concept of Small jig for small components.

No. of Pages : 8 No. of Claims : 10

PATENT OFFICE

INTELLECTUAL PROPERTY BUILDING

G.S.T. Road, Guindy, Chennai-600032

Tel No. (091)0441 22502081-4 Fax No. 044 22502066

E-mail : Chennai-patent@ipb.in

Web Site : www.ipindia.gov.in



GOVERNMENT OF INDIA



**INTELLECTUAL
PROPERTY INDIA**
INTEGRATED MARKS AND
GEOGRAPHICAL INDICATIONS

CHALLAN : TR-5

DOCKET NO :48824

To,

P. RANJITH KUMAR

99, SANKAR NAGAR, MANGAMMANAGAR EXTENSION, SRIRANGAM, TRICHY 620006, TAMIL NADU.

ranjith@gmail.com

Date/Time : 03/08/2017 12:06:08

Agent Number:

Sl. No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
1	25637	ORDINARY APPLICATION	201741027566	ACRYLIC OPEN TYPE MICRO DRILL JIG	1750
2		E-2/3336/2017-CHE	201741027566	Form2	0
3		E-3/18208/2017-CHE	201741027566	Form3	0
4		E-5/916/2017-CHE	201741027566	Form5	0
5	25637	E-12/545/2017-CHE	201741027566	Form9	2750
Total :					4500

Received a sum of Rs. 4500 (Rupees Four Thousand Five Hundred only) through

Payment Mode	Bank Name	Cheque / Draft Number	Cheque / Draft Date	Amount in Rs
Cash	--	---	--	4500

Note: This is electronically generated receipt hence no signature required.

(12) PATENT APPLICATION PUBLICATION
(19) INDIA

(21) Application No.201741046967 A

(22) Date of filing of Application :28/12/2017

(43) Publication Date : 05/01/2018

(54) Title of the invention : AUTOMATION IN MICRO TURNING PROCESS USING SENSITIVE CONTROLLED MOTOR

(51) International classification :G01D5/24
(31) Priority Document No :NA
(32) Priority Date :NA
(33) Name of priority country :NA
(86) International Application No :NA
Filing Date :NA
(87) International Publication No :NA
(61) Patent of Addition to Application Number :NA
Filing Date :NA
(62) Divisional to Application Number :NA
Filing Date :NA

(71)Name of Applicant :

1)Dr.P.Ranjith Kumar

Address of Applicant :99, Sankar Nagar, Mangammannagar
Extension, Srirangam, Trichy-620006, Tamilnadu, India Tamil
Nadu India

2) Dr.K.Chandrasekaran

3)Dr: TTM.Kannan

4)Prof.R.Ramanathan

(72)Name of Inventor :

1)Dr: P.Ranjith Kumar

2)Dr.K.Chandrasekaran

3)Dr: TTM.Kannan

4)Prof.R.Ramanathan

(57) Abstract :

ABSTRACT In the Manufacturing Industry keen and useful assessments are normal for the new century. Miniaturized scale creation advancements have been relentlessly progressing as of late. Innovative works are by and large vivaciously led with a view towards the usage of smaller scale machines. The micro lathe is a little measured machine that performs the vast majority of the round and hollow operations. Micro lathe are favored over bigger machines by a few experts, regularly bolt smiths, jewelers and designers for prototyping or manufacture work. The specialists have been created manual worked micro lathe with high minimal effort however low exactness and expend high electrical power. Presently days computer numerical controlled (CNC) micro lathe are utilized to create the round and hollow jobs with high precision and high cost. This research work is mainly focused on development of automation for micro machine using sensitive controlled motor in manufacturing system which leads to high accuracy. The created automated micro lathe using sensitive controlled motor which works effectively without bargaining machining resistances. From the monetary perspective, the robotized micro lathe will decrease all assets, for example, space, time, material, vitality and power. It can be actualized in little scale industry and cabin industry for social advancement.

No. of Pages : 7 No. of Claims : 5

(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application : 14/05/2019

(21) Application No.201941019098 A

(43) Publication Date : 14/06/2019

(54) Title of the invention : MINIMATUR MILLING MACHINE ROBOTICALLY OPERATED BY INFRARED SYSTEMS

(51) International classification	:B23K26/02
(31) Priority Document No	:NA
(32) Priority Date	:NA
(33) Name of priority country	:NA
(80) International Application No	:NA
Filing Date	:NA
(87) International Publication No	:NA
(61) Patent of Addition to Application Number	:NA
Filing Date	:NA
(62) Divisional to Application Number	:NA
Filing Date	:NA
(71)Name of Applicant :	
1)Dr.K. RAJA	
Address of Applicant :8/101, PALMADAI O, RAJAPALAYAM, THIRUTHENKODI-637304, TAMIL NADU, INDIA, Tamil Nadu India	
2)Dr. K. CHANDRASEKARAN	
3)Dr. TTM. KANNAN	
(72)Name of Inventor :	
1)Dr.K. RAJA	
2)Dr. K. CHANDRASEKARAN	
3)Dr. TTM. KANNAN	

(57) Abstract :

Advancement of a miniature manufacturing system as the previously mentioned miniaturized plant is becoming a trend in the machine tool producing region. Miniaturization of machine tool is to measure good to the objective items without trading off the machining resistances lead to enormous saving in energy, space and assets. Miniature of milling machine can likewise be utilized for cutting key ways, racks and spaces. It is characterized by mechanical connection of a sharp tool with the work piece material, causing breakage inside the material along characterized ways, and eventually leading to removal of the useless part of the work piece as chips. Miniature milling are favored some expert zone, for example, smaller scale measurement frameworks, dental sections, etching of watch base plates. Miniature gadgets for rockets, and so forth. The experts have been made manual worked miniature milling machine with high negligible exertion anyway low precision and exhaust high electrical power. Presently days computer numerical controlled (CNC) miniature milling machines are used to make part with high exactness and mind-boggling expense. This work is mainly focused on robotically, operated the miniature milling machine using infrared systems for low cost and high accuracy. The fabricated miniature milling utilizing remote control works adequately without barrier machining protections. Mechanization of scaled down processing innovation can satisfy huge numbers of those needs of miniaturised components in fields that incorporate aviation, car, biomedical, hardware, data innovation, optics, media transmission businesses, gens, watch-production, and so forth. In any case, it is normal that miniature milling parts and applications will experience an exponential development in the next years.

No. of Pages : 7 No. of Claims : 3

PATENT OFFICE

INTELLECTUAL PROPERTY BUILDING

G.S.T. Road, Guindy, Chennai-600032

Tel No. (091)(044) 22502081-84 Fax No. 044 22502066

E-mail : Chennai-patent@nic.in

Web Site : www.ipindia.gov.in



सत्यमेव जयते

GOVERNMENT OF INDIA



CHALLAN : TR-5

DOCKET NO :61388

Date/Time : 24/07/2019 10:07:47

To,

DR. P. RANJITH KUMAR

Agent Number:

99, SANKAR NAGAR, MANGAMMANAGAR EXTENSION, SRIRANGAM, TRICHY - 620 006, TAMILNADU, INDIA.

ranjjith@gmail.com

Sr. No.	CBR No.	Reference Number /Application Type	Application Number	Title/Remarks	Amount Paid
1	23684	ORDINARY APPLICATION	201941029821	MILLING ATTACHMENT IN AUTOMATED MINIATURE LATHE MACHINE USING INFRARED SENSOR	1750
2		E-2/2313/2019-CHE	201941029821	Form2	0
3		E-3/21396/2019-CHE	201941029821	Form3	0
4		E-5/1566/2019-CHE	201941029821	Form5	0
5	23684	E-12/1257/2019-CHE	201941029821	Form9	2750
Total :					4500

Received a sum of Rs. 4500 (Rupees Four Thousand Five Hundred only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Cash	—	—	—	4500

Note: This is electronically generated receipt hence no signature required.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201941029821 A

(19) INDIA

(22) Date of filing of Application :24/07/2019

(43) Publication Date : 09/08/2019

(54) Title of the invention : MILLING ATTACHMENT IN AUTOMATED MINIATURE LATHE MACHINE USING INFRARED SENSOR

(51) International classification	:G02B6/42	(71)Name of Applicant :
(31) Priority Document No	:NA	1)DR.P.RANJITH KUMAR
(32) Priority Date	:NA	Address of Applicant :99, SANKAR NAGAR,
(33) Name of priority country	:NA	MANGAMMANAGAR EXTENSION, SRIRANGAM, TRICHY
(86) International Application No	:NA	- 620 006, TAMILNADU, INDIA, Tamil Nadu India
Filing Date	:NA	2)DR.K.CHANDRASEKARAN
(87) International Publication No	: NA	3)PROF.R.RAMANATHAN
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)DR.P.RANJITH KUMAR
(62) Divisional to Application Number	:NA	2)DR.K.CHANDRASEKARAN
Filing Date	:NA	3)PROF.R.RAMANATHAN

(57) Abstract :

Micro fabrication technologies have been steadily advancing in recent times. Micro factory refers to small dimensioned factory able to produce small dimensioned products. Miniature of component is needed for a wide range of applications from aerospace to biomedical Industries. A micro lathe is a machine tool used for the complex shaping of metal and other solid materials. Micro lathes are related to lathes but are distinguished by their small size and differing capabilities, application, use, and locations. Sometimes referred to as desktop lathes or table-top lathes, micro lathes can be comfortably used in areas where a full-sized lathe would be impractical. We are needed to go for the milling machine due to unable do some of the operation like keyways, racks and slots in lathe. The specialists have been created manual worked micro lathe with high minimal effort however low exactness and expend high electrical power. Development of special attachment for lathe machine will reduces consumption of time and space. So this work is focused on the fabrication of the remote controlled miniature lathe to get high accuracy with low cost than attach the components in tool post for performing milling operation. Which we eliminated cost of milling and lathe with milling attachment is to eliminate the need for an operator owning both a milling machine and a lathe.

No. of Pages : 7 No. of Claims : 6

PATENT OFFICE
INTELLECTUAL PROPERTY BUILDING
G.S.T. Road, Guindy, Chennai-600032
Tel No. (091)(044) 22502081-84 Fax No. 044 22502066
E-mail : Chennai-patent@nic.in
Web Site : www.ipindia.gov.in



CHALLAN : TR-5
DOCKET NO :61385

Date/Time : 24/07/2019 10:07:01

To,
DR. P. RANJITH KUMAR
99, SANKAR NAGAR, MANGAMMANAGAR EXTENSION, SRIRANGAM, TRICHY - 620 006, TAMILNADU, INDIA.
ranjjith@gmail.com

Agent Number:

Sr. No.	CBR No.	Reference Number / Application Type	Application Number	Title/Remarks	Amount Paid
1	23682	ORDINARY APPLICATION	201941029819	DEVELOPMENT OF SURFACE GRINDING ATTACHMENT IN AUTOMATED MICRO LATHE OPERATED BY REMOTE CONTROL	1750
2		E-2/2312/2019-CHE	201941029819	Form2	0
3		E-3/21394/2019-CHE	201941029819	Form3	0
4		E-5/1565/2019-CHE	201941029819	Form5	0
5	23682	E-12/1256/2019-CHE	201941029819	Form9	2750
Total :					4500

Received a sum of Rs. 4500 (Rupees Four Thousand Five Hundred only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Cash	---	---	---	4500

Note: This is electronically generated receipt hence no signature required.

(12) PATENT APPLICATION PUBLICATION

(21) Application No.201941029819 A

(19) INDIA

(22) Date of filing of Application :24/07/2019

(43) Publication Date : 09/08/2019

(54) Title of the invention : DEVELOPMENT OF SURFACE GRINDING ATTACHMENT IN AUTOMATED MICRO LATHE OPERATED BY REMOTE CONTROL

(51) International classification	:G05B19/418	(71)Name of Applicant :
(31) Priority Document No	:NA	1)Dr.P.Ranjith Kumar
(32) Priority Date	:NA	Address of Applicant :99,Sankar Nagar, Mangammanagar
(33) Name of priority country	:NA	Extension, Srirangam, Trichy - 620 006, Tamilnadu, India Tamil
(86) International Application No	:NA	Nadu India
Filing Date	:NA	2)Dr. K.Chandrasekaran
(87) International Publication No	: NA	3)Prof.R.Ramanathan
(61) Patent of Addition to Application Number	:NA	(72)Name of Inventor :
Filing Date	:NA	1)Dr.P.Ranjith Kumar
(62) Divisional to Application Number	:NA	2)Dr. K.Chandrasekaran
Filing Date	:NA	3)Prof.R.Ramanathan

(57) Abstract :

Micro factory stated that miniaturization has advantages as it reduces energy consumption and material requirement for manufacturing. There is an evidence to suggest that micro machine component feature manufacturing system may be achieve technically by machine tool system and process many orders of magnitude smaller than currently under use of such applications. Lathe machine is the most important machine for major operations. The micro lathe is a little measured machine that performs the vast majority of the round and hollow operations. Micro lathe is produced low accuracy due to manual operation and programmed micro lathe produced high accuracy, with high cost.-Previously, turning operation was carried out on lathe machine and then it was transferred to the grinding machine for surface finish. Grinding is a process of grinding cylindrical work pieces and special cylindrical grinding machines are available in the markets which are quite huge and costly. For the grinding of the small work pieces, it is neither convenient nor affordable to use the special grinding machines. The objective of this project is to design and manufacture a compact, robust and economic grinding attachment in micro, lathe machine which provides a good surface finish and implementation of automation in micro lathe to produce high accuracy with low cost.

No. of Pages : 7 No. of Claims : 6

3/15/2021

Design CBR

PATENT OFFICE

INTELLECTUAL PROPERTY BUILDING

G.S.T. Road, Guindy, Chennai-600032

Tel No. (091)(044) 22502081-84 Fax No. 044 22502066

E-mail : Chennai-patent@nic.in

Web Site : www.ipindia.gov.in



सत्यमेव जयते

GOVERNMENT OF INDIA



**INTELLECTUAL
PROPERTY INDIA**
PATENTS DESIGNS TRADE MARKS
GEOGRAPHICAL INDICATIONS

C.B.R. NO : 200029

**Date/Time :
12/03/2021
12:44:20**

To

DR. P. RANJITH KUMAR

**PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, MAM SCHOOL OF ENGINEERING, TRICHY- CHENNAI,
TRUNK ROAD, SIRUGANUR, TIRUCHIRAPALLI - 621 105. 9894955888 ranjjith@gmail.com**

Sr No.	Reference Number	Application Number	Name of Article	Amount Paid	Amount Computed
1	340592-001	---	RIGID TYPE PIPE DRILL JIG/08-01	1000	1000

Received a sum of Rs. 1000 (Rupees One Thousand only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs.
Draft	CITY UNION BANK LIMITED	832989	03/03/2021	1000

Note: This is electronically generated receipt hence no signature required.

NAME OF THE APPLICANTS

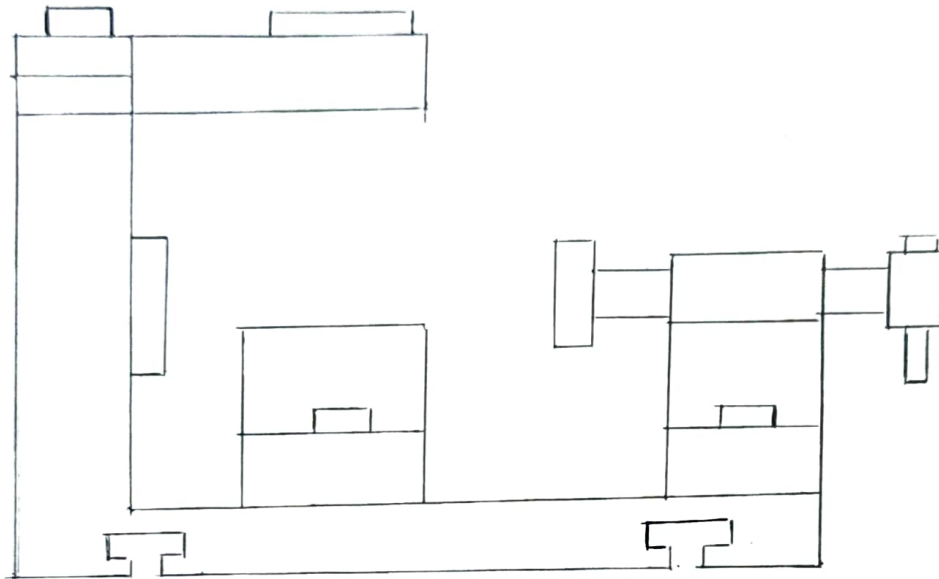
1. Dr.P.RANJITH KUMAR
2. Dr.K.CHANDRASEKARAN
3. Mr.R.RAMANATHAN
4. Dr.TTM.KANNAN

Number of sheets:

6

Sheet Number:

1



FRONT VIEW CORRESPOND BACK VIEW

- The novelty resides in shape and configuration of the **RIGID TYPE PIPE DRILL JIG** as illustrated.
- No claim is made by virtue of this registration in respect of any mechanical or other action of the mechanism whatever or in respect of any mode or principle of construction of the article.
- No claim is made by virtue of the registration to any right to the exclusive use of the words, letters, numbers, color, combination or Trade Marks as appearing in the representation.

DATE: 07-03-2024

SIGNATURE OF THE APPLICANT

1. Dr.P.RANJITH KUMAR

3.Mr.R.RAMANATHAN

2.Dr.K.CHANDRASEKARAN

4.Dr.TTM.KANNAN

001



PATENTS / DESIGNS / TRADE MARKS
GEOGRAPHICAL INDICATIONS

GOVERNMENT OF INDIA
PATENT OFFICE
INTELLECTUAL PROPERTY BUILDING
CP-2, Sector-V, Saltlake City, Kolkata-700091

Tel No. (091)(033) 2367 1943/9101 Fax No. 033 23671988
(091)(033) 2367 1944

E-mail : controllerdesign.ipo@nic.in
Web Site : www.ipindia.nic.in

No. 335735-001/D/JR /CC

Dated the :27/01/2021

To

Dr. P. Ranjith Kumar, Professor, Department of
Mechanical Engineering, MAM School of Engineering,
Trichy Chennai Trunk Road, Siruganur, Tiruchirapalli-
621 105, India

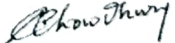
SUB : First Examination Report

REF :- Design Application No.335735-001

NAME OF APPLICANT :- Dr. P. Ranjith Kumar

Subsequent to examination of above mentioned design application under Section 5(1) of the Design Act, 2000, the following objections as appended in this letter are raised by this Office and are being sent to you under Rule 18(1). The following documents are enclosed herewith for amendment and the same should be returned to this office together with your observations, which you may like to submit in response to the said objections. Superseded documents, if any, should also be returned to this office after cancellation over your signature.

As prescribed under Rule 18(1), the period for removal of the appended objection(s) shall not exceed the time period of six months from the date of filing of the application, which shall expire on Date 01/06/2021 for the instant application. The said period may be extended for a further period not exceeding three months on a request made in Form-18 along with fees specified in the First Schedule before the expiry of the above mentioned stipulated time period of six months from the date of filing of the application. If your response to this communication is not received at this office on or before the aforementioned stipulated Date 01/06/2021 (or on or before the extended period if any), the instant application shall be deemed to be abandoned under Section 5(5) read with Rule 21.


(Chiranjib Chowdhury)
[Electronically generated]
Controller of Designs

Encl:-

1. Objection Sheet
2. Application for Grant of Design
3. Representation sheet

NOTE: This is an electronically generated report along with the gist of objections. All Communications to be sent to the Controller of Designs at the above address.

Name of the Applicant

1. Dr. P. Ranjith Kumar
2. Dr. K. Chandrasekaran
3. Mr. R. Ramanathan
4. Dr. TTM. Kannan

No. of Sheets: 6
Sheet No: 5



BACK VIEW

The novelty resides in shape and configuration of the **Foldable kitchen gas cylinder trolley** as illustrated. No claim is made by virtue of this registration in respect of any mechanical or other action of the mechanism whatever or in respect of any mode or principle of construction of the article. No claim is made by virtue of the registration to any right to the exclusive use of the words, letters, numbers, color, combination or Trade Marks as appearing in the representation.

Date: 23-11-2020

Signature of the Applicants

1. Dr. P. Ranjith Kumar

2. Dr. K. Chandrasekaran

3. Mr. R. Ramanathan

4. Dr. TTM. Kannan

335735 - 001

01 DEC 2020

Despatch No : F221

PATENT OFFICE
INTELLECTUAL PROPERTY BUILDING
G.S.T. Road, Guindy, Chennai-600032
Tel No. (091)(044) 22502081-84 Fax No. 044 22502066
E-mail : Chennai-patent@nic.in
Web Site : www.ipindia.gov.in



C.B.R. NO : 200043

Date/Time :
08/04/2021
15:02:06

To

DR. P. RANJITH KUMAR

PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, MAM SCHOOL OF ENGINEERING, TRICHY- CHENNAI,
TRUNK ROAD, SIRUGANUR, TIRUCHIRAPALLI - 621 105. 9894955888 9894955888

Sr No.	Reference Number	Application Number	Name of Article	Amount Paid	Amount Computed
1	342138-001	—	MEAT GREEN TESTER/10-04	1000	1000

Received a sum of Rs. 1000 (Rupees One Thousand only) through

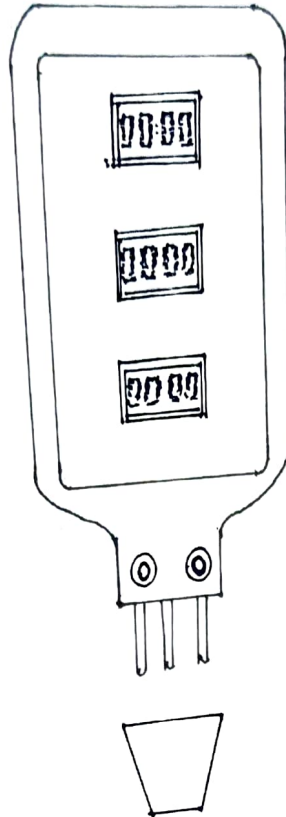
Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs.
Draft	Indian Bank	848395	12/03/2021	1000

Note: This is electronically generated receipt hence no signature required.

Name of the Applicant

1. Dr.P.Ranjith kumar
2. Dr.A.Punitha
3. Mr.S.Raghupathi
4. Dr.P.Shanthi
5. Dr.N.Abdur Rahman
6. Dr.K.Chandrasekaran
7. Dr.TTM.Kannan

Number of Sheets : 5
Sheet Number : 1



FRONT VIEW

The novelty resides in shape and configuration of the **Meat Green Tester** as illustrated. No claim is made by virtue of this registration in respect of any mechanical or other action of the mechanism whatever or in respect of any mode or principle of construction of the article. No claim is made by virtue of the registration to any right to the exclusive use of the words, letters, numbers, color, combination or Trade Marks as appearing in the representation.

Signature of the Applicants

Date: 16-03-2024

1. Dr.P.Ranjith kumar

4. Dr.P.Shanthi

6. Dr.K.Chandrasekaran

2. Dr.A.Punitha

3. Mr.S.Raghupathi

5. Dr.N.Abdur Rahman

7. Dr.TTM.Kannan



ORIGINAL

No. 98772

भारत सरकार
GOVERNMENT OF INDIA
पेटेंट कार्यालय
THE PATENT OFFICE

CERTIFICATE OF REGISTRATION OF DESIGN

Design No. 342138-001
Date 08/04/2021
Reciprocity Date*
Country

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class 10-04 in respect of the application of such design to MEAT GREEN TESTER in the name of 1. DR. P. RANJITH KUMAR, PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, MAM SCHOOL OF ENGINEERING, TRICHY CHENNAI TRUNK ROAD, SIRUGANUR, TIRUCHIRAPALLI-621 105, INDIA 2. DR. A. PUNITHA, PROFESSOR, DEPARTMENT OF MECHANICAL ENGINEERING, MAM SCHOOL OF ENGINEERING, TRICHY CHENNAI TRUNK ROAD, SIRUGANUR, TIRUCHIRAPALLI-621 105, INDIA 3. MR. S. RAGHUPATHI, LECTURER, DEPARTMENT OF ELECTRICAL ENGINEERING, UNIVERSITY OF TECHNOLOGY AND APPLIED SCIENCES, IBRI, OMAN 4. DR. P. SILANTHI, PROFESSOR, DEPARTMENT OF COMPUTER SCIENCE ENGINEERING, MAM COLLEGE OF ENGINEERING, TRICHY CHENNAI TRUNK ROAD, SIRUGANUR, TIRUCHIRAPALLI-621 105, INDIA, ET AL.

in pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.

Controller General of Patents, Designs and Trade Marks

*The reciprocity date (if any) which has been allowed and the name of the country.
Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years.
This Certificate is not for use in legal proceedings or for obtaining registration abroad

DR. P. RANJITH KUMAR,
PROFESSOR, DEPARTMENT OF MECHANICAL
ENGINEERING, MAM SCHOOL OF ENGINEERING,
TRICHY CHENNAI TRUNK ROAD, SIRUGANUR,
TIRUCHIRAPALLI-621 105, INDIA

Date of Issue 07/06/2021 16:12:02