Technology Entrepreneurship Development Programme
(TEDP)
SPONSORED BY

Department of Science and Technology

15.02.2021 to 27.03.2021

1. Name: _____
2. Designation & Organization:_____
3. Qualification :_____
4. Age :_____
5. Category (Gen./SC/ST/OBC) :_____
6. Aadhaar Number :_____
7. E-mail :_____
8. Telephone/ Mobile No :_____
9. Accommodation required: Yes / No

Declaration:

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the course and shall attend the course for the entire duration.

Place:

Date:

Signature of the Applicant

Signature of the Head of the Institution

About the Institute:

Sumathi Reddy Institute of Technology for Women (SRITW), a leading Women Engineering College in Telangana, was established in 2009 by Sri A. Varada Reddy, Chairman, SR Educational academy with a vision to empower women in the field of Engineering & Technology and thereby accelerate all round development of the region and the nation.

SRITW is approved by AICTE, affiliated to JNTUH and Accredited by NBA. It is currently running 5 undergraduate (B.Tech) programs. SRITW is the recipient of Dewang Mehta "Educational Leadership Award". SRITW is one among the 26 Institutions in India, which established NewGen IEDC (New Generation Innovation and Entrepreneurship Development Cell) sponsored by NSTEDB Department of Science & Technology and supported by EDII, Ahmedabad, India. SRITW established Technology Business Incubator, Sponsored by MSME, Govt of India under ASPIRE scheme. College has Institutional membership with various professional bodies like ISTE, CSI, IEEE and IETE.

TEDP Outcomes:

The six weeks programmes expect the participants to

* Generate New Ideas
* Know its Business Opportunity
* Asses the viability of the idea
* Understand the development of idea into product / service
* Make the participants aware on Technical and Financial Assistance

PRINCIPAL
Sumathi Reddy Institute of Technology For Women
Ananthasagar (V), Hasanparthy (M)
WARANGAL - 506 371 (T.S.)

(stamp: S.R.I.T. FOR WOMEN WARANGAL)

Patrons:

Sri A. Varada Reddy, Chairman
Sri A. Madhukar Reddy, Secretary

Principal-Investigator
Dr. I. Rajasri Reddy
Principal, SRITW

Co-Principal-Investigator
Dr. K. Mahender
Assoc. Professor, SRITW

Chief Program Coordinator :
Mr. Shyamsunder Merugu, (Ph.D.)
Asst. Professor, SRITW

Organizing Committee :
Dr. E. Sudarshan
Assoc Professor, SRITW
Mr. R. Shashi Kumar Reddy
Asst. Professor, SRITW
Mr. A. Rajesh
Asst. Professor, SRITW

Technical Advisory Committee:
1) **Dr. V. Mahesh,** Principal, SR Engineering College
2) **Ms. Sreedevi Devireddy,** CEO, SRIX
3) **Col. B.S. Rao,** Dean, SoE, SRIX
4) **Dr. B.V. Ram Naresh Yadav,** Assoc Prof, JNTUH CEJ
4) **Dr. Bhukya Raju,** Asst Prof , NIT Warangal
5) **Dr. E Suresh Babu,** Asst Prof, NIT Warangal

Address for Correspondence :
Mr. Shyamsunder Merugu, (Ph.D.)
Assistant Professor
Chief Program Coordinator
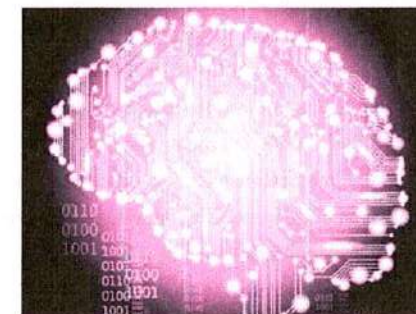Sumathi Reddy Institute of Technology for Women
Warangal - 506371, Telangana State
Mobile: +91 9502908210
Email: tedp2.sritw@gmail.com

Six Week
Technology Entrepreneurship Development Programme (TEDP)

Deep Learning Applications

SPONSORED BY

Department of Science & Technology
Govt. of India

ORGANIZED BY

SUMATHI REDDY
INSTITUTE OF TECHNOLOGY FOR WOMEN
Learning at its best
Affiliated to JNTUH - Approved by AICTE - Accredited by NBA

Ananthasagar, Warangal Urban - 506371
Ph: 0870-2818301,302
Website: www.sritw.org

About the Programme:

A Six week Technology Entrepreneurship Development Programme (TEDP) aims at training the S&T graduates and the diploma holders in the essentials of conceiving, planning, initiating and launching an economic activity or an enterprise successfully.

This free training programme will be conducted with the help of well-trained experts. In this programme, trainees will identify right business idea for them, steps to follow, and develop necessary knowledge and skills to evaluate and run a business.

The programme content includes Virtual training on essentials of entrepreneurship survey of the prevalent socio - economic scenario, identification of business opportunities, role and function as well as schemes of assistance offered by various constituents of the support system, preparation of a technically feasible and economically viable project report, Achievement Motivation Training and also the nuances of management of an enterprise. Sessions on technology and finance are also arranged, depending upon the nature of project selected.

Special TEDPs are being conducted with more emphasis on linkages with R&D institutions and also bank Sectors to take up the projects based on indigenous technologies and services in the area of Handmade paper producrts and handicrafts, Food processing, textiles and Household Products which is useful in daily llife with emerginig technologies.

About Department of Science and Technology

Department of Science & Technology (DST) was established in May 1971, with the objective of promoting new areas of Science & Technology and to play the role of a nodal department for organising, coordinating and promoting S&T activities in the country. The Department has major responsibilities for specific projects and programmes as listed below:

Formulation of policies relating to Science and Technology. Matters relating to the Scientific Advisory Committee of the Cabinet (SACC). Promotion of new areas of Science and Technology with special emphasis on emerging areas. Research and Development through its research institutions or laboratories for development of indigenous technologies concerning bio-fuel production, processing, standardization and applications, in co-ordination with the concerned Ministry or Department; Research and Development activities to promote utilization of by-products to development value added chemicals. Futurology. Coordination and integration of areas of Science & Technology having cross-sectoral linkages in which a number of institutions and departments have interest and capabilities. Undertaking or financially sponsoring scientific and technological surveys, research design and development, where necessary. Support and Grants-in-aid to Scientific Research Institutions, Scientific Associations and Bodies.

To promote and strengthen Science & Technology Entrepreneurship, the NSTEDB, DST has been funding various training programmes and projects on regular basis. However, due to the Pandemic COVID-19 and in view of various advisories and restrictions announced by the Central and State Governments, it would not be practical to organize training programmes in conventional mode i.e. by having trainees in a class room set-up.

Deep learning in computer vision has made rapid progress over a short period. Some of the applications where deep learning is used in computer vision include face recognition systems, self-driving cars, and medical diagnosis etc. Deep learning is a subset of machine learning that deals with large neural network architectures.The basics are concepts of deep learning, types of neural networks and architectures, along with case studies. Deep learning methods can be dropped into existing natural language systems as replacement models that can achieve commensurate or better performance.

Topics Covered but not limited to:

* Program and participant expectations- Entrepreneurship Ecosystem in Academic Institutions

* Business Opportunities for Budding Entrepreneurs

* Idea Assessment Frame Work

* Design Thinking Conceptual framework

* Intellectual Property Right (IPR)

* Role of Financial Institutions and Banks

* How to find out feasibility of a project

* Start-Up of Business in The Area Of Crafts Experience

* Business Plan / Project report Preparation

*Schemes of MSME

Objective of the Programme:

The objective of the programme is to bring experts from industries, government agencies and Entrepreneurs on to one platform. These Forum is used to exchange ideas and information to becoming an Entrepreneur. It will also explore the possible business opportunities and create all necessary awareness to start an Enterprise as per government procedures.

Resource Persons:

Resource persons are from leading industry, Incubation centers, Government Organizations, Corporate sectors, Universities and R&D centers.

Eligibility:

* Bachelor Degree / Diploma in Science / Engineering / Technology

Important Dates:

Last date for receipt of application : 14-02-2021
List of selected participants will be
Intimated through mail   :14-02-2021

Registration and Fee Details:

No Registration fee.

Progress Report- TEDP Training Program

Name of Training Program Conducted	Technology Entrepreneurship development Program (TEDP)
Name of the Coordinator & Institution with complete Address including Mobile numbers	Shyamsunder Merugu Sumathi Reddy Institute of Technology for Women Ananthasagar, Hasanparthy, Warangal, Telangana-506 371, +91 950298210
Name of Training Program, partners if any	Deep Learning Apllications
Financial Details Total cost of the Training Program	Rs 1,60,000

Support provided by DST	Sanction Order No.		Sanction Order Date with Amount
	1.	09/89/2020 NEB(TR)	4/12/2020 Rs. 1,60,000 /-

1	Number of the Training Programs conducted	01
2	Date, Duration & location of each Training Program	15/02/2021 to 27/03/2021 6 weeks Sumathi Reddy Institute of Technology for Women
3	No. of Trainees (Please attach the list of the trainees which includes name, age, institution, state & mobile number) as per the format attached.	32
4	List of resource person / expert engaged with Training Program with complete contact details including mobile number	List is attached below
5	Focus areas of Training Program	Deep Learning
6	Attach the details of training organized including activity schedule and Broad Structure/ content of Training Program	
7	Key performance indicator (to be tracked with 1st/ 2nd Year.	NA
A	No. of units started up to 2 years (under Startups / MSME / Livelihood)	
B	No. of self employment started up to 2 years (under Startup / MSME/ Livelihood)	
C	No. of employment generation up to 2 years (under Startups / MSME / Livelihood)	

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D	Any revenue generation or capital raised			
E	Percentage of unit of self employment started/ no. of total trainees participated (unit + self employment / total trainees participated)			
F	**Any other achievement / impact, you would like to highlight as a progress of the Training Program.**			

Progress Report- TEDP Training Program

With Participants Demographic Analysis

S. No	Name of Trainees & mobile Number	Date of birth & age	Male / Female	Name of Institution & address	Name of State trainee belongs
1	GOUSIYA BEGUM & 7842098730	26-01-1983 & 38	Female	Jawaharlal Nehru Technological University, Hyderabad	Telangana
2	Adepu Suresh & 9542990952	15-11-1987 & 32	Male	KITS ,WARANGAL	Telangana
3	Bommala Neeraja & 8186025573	03-08-1986 & 33	Female	SICET, Hyderabad	Telangana
4	Adepu Naresh & 9972399486	11-05-1984 & 37	Male	IISC Bangalore	Telangana
5	N Musrat Sultana & 9014546600	16-03-1985 & 35	Female	MGIT	Telangana
6	DR SWAPAN MANDAL & 9434196443	13-12-1971 & 49	Male	Brahmananda Keshab Chandra College, Kolkata	West Bengal
7	SANDHYA BOLLA & 8106542529	30-03-1983 & 38	Female	SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY	Telangana
8	G SRAVANTHI & 9030620202	14-03-1986 & 35	Female	SICET, Hyderabad	Telangana
9	AADITYA JAIN & 9024514209	05-08-1991 & 29	Male	Rajiv Gandhi Proudhyogiki Vishwavidhyalaya, Bhopal	Madyapradesh
10	ABDUL KHAJA PASHA & 9703944454	15-5-1986 & 35	Male	JNTUH	Andhra Praesh
11	B. HEMAVATHI & 9963986449	25-01-1981 & 40	Female	SICET, Hyderabad	Telangana
12	NAGAVENI THUMMALA & 9490519218	12-06-1984 & 36	Female	SICET, Hyderabad	Telangana
13	SHAIK AZEERA BEGUM & 9948126833	2-10-1990 & 30	Female	JNTUH	Telangana
14	K MAHESWARI DEVI & 9703700562	10-1-1985 & 35	Female	JNTUH	Telangana
15	PRATHYUSHA V &7075037402	16-08-1984 & 36	Female	SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY	Telangana
16	Dr.VENUGOPAL DUGYALA & 9989418188	3-10-1979 & 41	Male	Kamala Institute of Technology and Science, Karimnagar	Telangana
17	E SADANANDAM & 9985498008	14-08-1985 & 35	Male	NIT, Warangal	Telangana
18	Sudhir Kumar Sharma & 9872826714	24-12-1979 & 41	Male	Post Graduate Govt. College for Girls, Sector-42, Chandigarh	Chandighar
19	Mr.PRASHANT BALASAHEB VAVHAL & 8669012221	01-01-1986 & 36	Male	Sayithribai University	Maharashtra
20	Dr.VENKATESHWARLU.V	10-03-	Male	SVS GROUP OF	TELANGANA

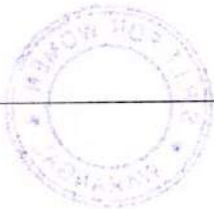|		1985 & 35		INSTITUTIONS, HANAMKONDA	
	& 9912406987	1985 & 35		INSTITUTIONS, HANAMKONDA	
21	Dr. PRAVIN ANANDRAO PAWAR & 8551085980	23-11-1985 & 35	Male	Metropolitan Institute of Technology and Management, Sindhudurg	Maharashtra
22	D.DEEPIKA & 9885398993	29-07-1982 & 39	Female	Mahatma Gandhi Institute of Technology, Hyderabad	Telangana
23	RIMMALAPUDI LIKHITHA & 9493295958	20-11-1991 & 29	Female	SICET	Andhra Pradesh
24	NIDHI GOYAL & 9872620319	15-09-1979 &41	Female	Post Graduate Govt. College for Girls, Sector-42, Chandigarh	Chandighar
25	Rathod Vijay Uttam & 9987291575	01-01-1983 & 38	Male	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Maharashtra
26	CHINNAHAJISAGARI MOHAMMAD AKRAM & 9505095285	07-08-1991 & 30	Male	KLU	Andra Pradesh
27	NIKITA GARG & 9602328827	16-09-1992 & 28	Female	Teerthanker Mahaveer University, Moradabad	Rajasthan
28	DINESH BEER VICKRAM SINGH & 8416957358	26-05-1975 & 46	Male	IIT, BHU	Uttar Pradesh
29	Dr. Anu Chawla & 9888778064	04-05-1979 & 42	Female	Post Graduate Govt. College for Girls, Sector-42, Chandigarh	Chandighar
30	Dr. Hariharasudhan S & 9962493770	16-04-1979 & 41	Male	Gojan School of Business and Technology	Tamilanadu
31	DEEPIKA RATHOD BHUKYA & 7729961983	13-12-1983 & 37	Female	SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY	Telangana
32	Udayasree Pabbu & 9052822512	17-07-1985 & 35	Female	SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY	Telangana

LIST OF RESOURCE PERSONS

15th Feb-2021 to 27th Mar-2021 (6 weeks)

Technical Topic- Deep Learning Applications

1	Program and participant expectations- Entrepreneurship Ecosystem in Academic Institutions	Dr. Suman Naredla, Certified trainer NEST +91 9985651472
2	Who is an entrepreneur? and charms of being an entrepreneur	Dr. G. Sathish raj Certified trainer - NEST +91 7799141421
3	Business Opportunities for Budding Entrepreneurs	Mr. Sanjay kumar singh, Psychologist, and Market &Product strategist +91 9949811068
4	Entrepreneurship Ecosystem and role of incubators	Sri. K. Mohan Rao, Former Director, KVIC +91 8790887178
5	Schemes of MSME	Sri. K. Mohan Rao, Former Director, KVIC +91 8790887178
6	Idea Assessment Frame Work	Mr. Vijay kumar macha CSR, Entrepreneurship and Auditing Professional +91 8008670004
7	Design Thinking Conceptual framework	Dr. T P Sasikumar Scientist at Govt. of India, Motivational Speaker +91 9447437948

8	Business Opportunity Guidance for Bank Interactions	Dr. Kafila, SR university +91 9949311788
9	Observation Technique- ISB Model idea generation DISRUPT/ SCAMPER	Dr. G. Sathish raj Certified Trainer - NEST +91 7799141421
10	How to conduct market survey- tools; Techniques and guidelines	Dr. Suman Naredla, Certified trainer- NEST +91 9985651472
11	How to find out feasibility of a project	Dr. G. Sathish raj Certified Trainer - NEST +91 7799141421
12	Brief on Factory visit – incubation center at SRITW	Mrs. K M Sujatha, SRITW +91 7330782715
13	Stress management	Mrs. Mahalaxmi Psychologist +91 8790953525
14	Market strategies	Mr.Rambabu Naik, Chief financial officer +91 9515121195
15	Social media marketing	Mr.Rambabu Naik, Chief financial officer +91 9515121195
16	Briefing and planning for the market survey: Questionnaire preparation	Mrs. Devyani Vishwakarma Training Program Manager, Amazon +91 8919646491
17	Assessment of Working Capital Requirement	Mrs. Devyani Vishwakarma Training Program Manager, Amazon +91 8919646491
18	Fieldwork: conducting market survey and data collection for the identified business opportunities	Sai Kiran, Product Manager, Kore.ai +91 8884062666
19	Patent, and copyrights	Dr. Sammaiah, SR University +91 9391527772
20	trademark and industrial management	Dr. Sammaiah, SR University +91 9391527772
21	Product planning and product mixing strategy	Purushotham Uppu, Database management and Designer expert +91 9886520257
22	preparation of detailed project report	Mr.Rambabu Naik, Chief financial officer +91 9515121195

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WARANGAL