

## **Sathyabama Skill Development Centre Report**

### **About Skill Development Centre**

Learning is the most essential tool to enhance the socio-economic growth of not only an individual but also of the entire nation. The higher education of 21<sup>st</sup> century faces several challenges in providing skill-centric learning, meeting the needs of the industry and society in the global platform. To confront such challenges, Sathyabama Institute of Science and Technology has established Centre for Skill Development in collaboration with NSTI (MSDE), NSIC (MSME), RSDC and AICTE sponsored Skill and Personality Development Centre (SPDC) which aims to upgrade skills to international standards through significant industry participation and develop necessary frameworks of standards for quality assurance. Along with the outstanding academic learning, students in our institution are practically oriented with the different skill sets, bridging the gap between the academics and the industrial, societal needs.

**Objectives of the Skill Development Centre:**

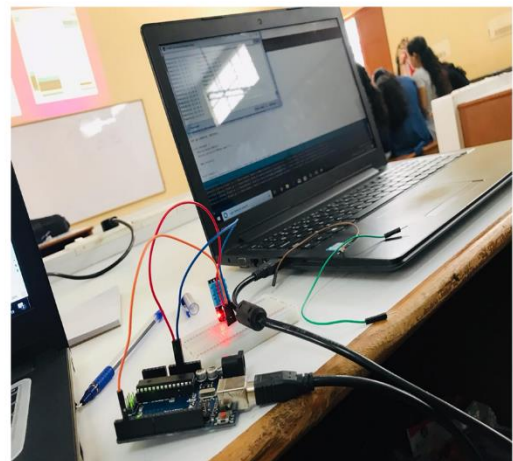
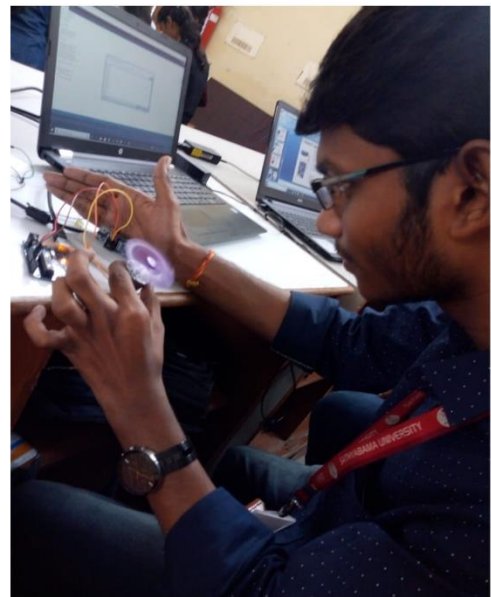
- To conduct various skill development programmes to students and improve their employability.
- To promote entrepreneurship
- To contribute to the Manpower Development of our Nation and to elevate the standards of youth socially and economically.
- To endorse the knowledge exchange programmes.
- To facilitate the industrial institutional interactions.

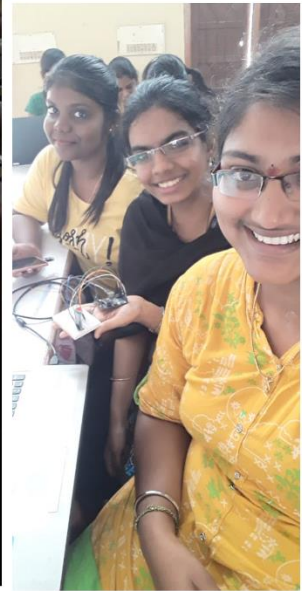
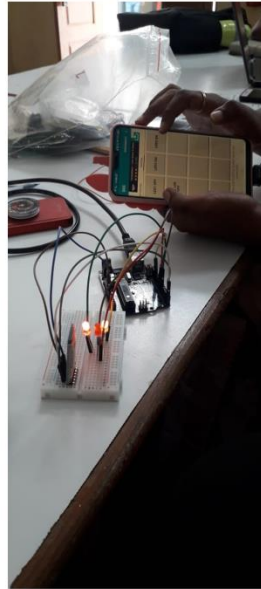
The skill development centre of Sathyabama Institute of Science & Technology conducts various skill-oriented programs like AI Programming, Machine learning, Cyber security, Internet of Things, Embedded Programming, Data Acquisition, CATIA V5, Robotics and PCB Design courses in association with National Skill Training Institute (NSTI), Ministry of Skill Development & Entrepreneurship (MSDE), and NSIC thereby honing the technical skills of the students and make them industry ready. Around 5000 students were trained in various skills till date. Beyond the institutional focus, the skill Development Centre also extends its responsibility to the public by conducting the training programmes to the rural youth in occupations like welding, Electrician, Plumbing, Lab Technician. In addition to that, having our institution known for its endless support for women empowerment, the centre also conducts exclusive Skill Development Courses like Beautician training, Baking and Tailoring for underprivileged and rural women.













# SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY  
(DEEMED TO BE UNIVERSITY)

Accredited "A" Grade by NAAC | 12B Status by UGC | Approved by AICTE

[www.sathyabama.ac.in](http://www.sathyabama.ac.in)

## CENTRE FOR SKILL DEVELOPMENT & TRAINING (SDAT) FOR THE ACADEMIC YEAR 2020-2021

SI.NO	DATE	PROGRAMME	RESOURCES PERSON	DURATION IN DAYS	No. of BENEFICIARIES
1.	09.11.2020 To 12.11.2020,16 and 17.11.2020	Web Development Languages	Dr.S.Murugan	6	47
2.	19.10.2020 To 24.10.2020	Embedded System and IoT	Mr. Hariharan Veerappan, Architect embedded engineering, Neevee Tech	6	45
3.	31.08.20 To 05.09.20	B2B Webportal For Marketing	Mr.K V Kumar, NSIC	6	30
4.	28.07.20 To 02.07.20	Trends In IT Infrastructure And Applications	Mr.Varun Durai S I, Director, V R systems	5	30
5.	22.07.2020 To 27.07.2020	Data Science Fundamentals	Dr.C.Muthu, Head Data Science Department	5	60
6.	15.07.2020 To 21.07.2020	Cybersecurity Trends and Applications	Mr.Vinoth Senthil, Founder e-Hack	5	52
7.	15.07.2020 To 20.07.2020	Zoom with Photoshop	Mr.M. Kumar, Digital architect	6	50
8.	29-6-2020 To 03-07-2020	Machine Learning and Its Algorithms	Dr.Saroor Raj, SRM University	5	43
9.	29-6-2020 To 04-07-2020	Technologies for Smart Cities	Mr.Immanuel Rajsekar,	6	60
<b>Total</b>					<b>417</b>



**CENTRE FOR SKILL DEVELOPMENT & TRAINING (SDAT)****FOR THE ACADEMIC YEAR 2019-2020**

<b>SI.N O</b>	<b>DATE</b>	<b>PROGRAMME</b>	<b>RESOURCE PERSON</b>	<b>DURATION IN DAYS</b>	<b>NO.OF. BENEFICIARIES</b>
1.	09.03.2020 To 14.03.2020	Role of Robotics In Engineering & Technology	Mr.Arul Prbaharan, NSIC	5	53
2.	18.02.2020 To 22.02.2020	IoT using Raspberry Pi	Mr. Aravind, NSIC	5	42
3.	03.02.2020 To 07.02.2020	Outcome Based Mathematical Modelling for Future Mobility	Dr.J.Jayapriya	5	18
4.	21.01.2020 To 22.01.2020	Humanoid Robotics Workshop	Mr.Anirudha Mastre	2	15
5.	26.09.2019 To 06.10.2019	Catia v5 in Engineering Design	Mr. Guna Sekhar, MSDE	10	26
6.	02.10.2019	Solar ambassador program	Dr.Y.Swarnalatha	1	175
7.	21.08.2019 To 22.08.2019	Robotics Design	Mr.Senthil Kumar	2	19
8.	05.08.2019 To 09.08.2019	Data Acquisition (DAQ) and the Industrial Internet of Things (IoT)	Mr.Janarthanan MSDE	5	37
9.	15.07.2019 To 19.07.2019	IOT Using Raspberry Pi	Mr.Vignesh, Mr.Janarthanan MSDE	5	37
10	08.07.2019 To 12.07.2019	PCB Design & Reworking	Mrs. Rajini & Mr.M.Gunasekaran, MSDE	5	22
<b>Total</b>					<b>391</b>

**CENTRE FOR SKILL DEVELOPMENT & TRAINING (SDAT)**  
**FOR THE ACADEMIC YEAR- 2018-2019**

<b>S. No</b>	<b>DATE</b>	<b>NAME OF THE COURSE</b>	<b>RESOURCE PERSON</b>	<b>DURATION IN DAYS</b>	<b>NO.OF. BENEFICIARIES</b>
1.	11.03.2019 To 15.03.2019	“IOT Using Raspberry Pi”	Mrs.Narmatha MSDE	5	28
2.	04.02.2019 To 08.02.19	“Concepts and Application of Statistical Quality Control”	Dr.Naresh Chauhan, MSDE	5	25
3.	28.01.19 To 01.02.19	Data Acquisition (DAQ) and the Industrial Internet of Things (IoT)	Mr. Dr. Jeyaprakasan, MSDE	5	28
4.	17.12.2018 To 21.12.2018	“IOT Using Raspberry Pi”	B.Narmadha , MSDE	5	30
5.	03.12.18 To 7.12.2018	Dataquisition (DAQ) and the Industrial Internet of Things (IoT)	B.Ravi, MSDE	5	30
6.	6.11.2018 To 10.11.2018	Data Acquisition (DAQ) and the Industrial Internet of Things (IoT)	Dr. JEYAPRAKASAN (MSDE)	5	7
7.	01.10.2018 To 5.10.2018	PCB Design & Reworking	Mrs.Rajini& Mr.M.Gunasekaran, MSDE	5	30
<b>Total</b>					<b>178</b>

**CENTRE FOR SKILL DEVELOPMENT & TRAINING (SDAT)**

**FOR THE ACADEMIC YEAR - 2017-18**

<b>S. No.</b>	<b>DATE</b>	<b>PROGRAMME</b>	<b>RESOURCE PERSON</b>	<b>DURATION</b>	<b>No. of BENEFICIARIES</b>
1	JUNE 2017 TO SEPTEMBER 2017	Digital marketing	Mr. Sethuraman	4 Months	25
2	JUNE 2017 TO SEPTEMBER 2017	Photography	Mr.Senthil kumar	4 Months	6
3	JUNE 2017 TO SEPTEMBER 2017	Organic farming	Dr.Prakash	4 Months	17
4	JUNE 2017 TO SEPTEMBER 2017	Laptop servicing	Mr. Baron Sam	4 Months	25
5	20.11.2017 TO 24.11.2017	IoT on automation	Mr. Suresh babu NIELIT	5 DAYS	46
6	11.12.2017 TO 15.12.2017	Water analysis	Mr. Naresh (MSDE)	5 DAYS	10
7	18.12.2017 TO 22.12.2017	Analysis by gas chromatography	Mr. Naresh (MSDE)	5 DAYS	7
8	5.3.2018 TO 17.3.2018	Short term course on embedded system design using arm cortex m4	Mr. Raghu raman & Mr.Karthik	9 DAYS	20
9	9.3.2018 & 10.3.2018	Workshop on “opencv based image processing for texture retrieval using raspberry pi”	Mr. Shriram emarose, camera systems engineer,qualcomm inc. hyderabad	2 DAYS	24
10	19.03.2018 TO 28.03.2018	“Short term course on IoT using raspberry pi”	Mr. Suresh babu NIELIT	9 DAYS	31
<b>Total</b>					<b>211</b>

**CENTRE FOR SKILL DEVELOPMENT & TRAINING (SDAT)**

**FOR THE ACADEMIC YEAR - 2016-17**

<b>S. No.</b>	<b>DATE</b>	<b>PROGRAMME</b>	<b>RESOURCE PERSON</b>	<b>DURATION</b>	<b>No. of BENEFICIARIES</b>
1	JUNE 2016 TO SEPTEMBER 2016	Digital marketing	Mr. Sethuraman	4 Months	25
2	JUNE 2016 TO SEPTEMBER 2016	Photography	Mr.Senthil kumar	4 Months	6
3	JUNE 2016 TO SEPTEMBER 2016	Organic farming	Dr.Prakash	4 Months	17
4	JUNE 2016 TO SEPTEMBER 2016	Laptop servicing	Mr. Baron Sam	4 Months	25
<b>Total</b>					<b>73</b>