ARIIA

ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS

MHRD
Ministry of Human Resource Development Government of India

Submitted Institute Data for Atal Ranking of Institutions on Innovation Achievements (ARIIA) - 2019-20

Institute Name: Sri Vasavi Engineering College, Pedatadepalli, Tadepalligudem, PIN-534101 (CC-A8) [ARI-C-18129]

Pre-Qualifier (Basic Data Requirement For Financial Year (2018-19))

Name of the Institute/ University/ Group of Institutions and any Autonomous Body (Incubation Unit/Research Park etc.) located within same campus	Total Annual Expenditure of Institute/ University/ Group of Institutions/ any Autonomous Body (Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Total Annual Income of Institute/ University/ Group of Institutions/ any Autonomous Body (Incubation Unit/ Research Park etc.) located within same campus (Rupees in Figure)	Balance Sheet, Income & Expenditure (or) Payment & Receipt Account for FY 2018-19 (Only PDF)
SRI VASAVI ENGINEERING COLLEGE	188962622.00	208080028.00	Document Uploaded in ARIIA DSP
Total (Rupees in Figure)	188962622.00	208080028.00	

Institute Type : Colleges/Institutes (Private / Self Financed)

Total Student Base (Enrolled Full Time) for all the Academic Programs Offered by Institute/University (Academic Year 2018-19) := 2743

Total Faculty Base (Full Time) Engaged in Teaching and Research at Institute/University (Academic Year 2018-19) := 236

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

Name of Program (Full Name)	Program Theme	Program Type	Program Category	Organizing Department / Centre / Student Body Name	Program Start Date	Program End Date	Program Duration(in Days)	Program Location	Internal Participants (Student)	Internal Participants (Faculty)	External Participants (Student)	External Participants (Faculty)	Total Number of Participants	Had institute spent expenses either from own resource/received fund to organise the program/activity/event?	Total Expense Amount Incurred by Institute to Organise the Program (In Rupees)
PYTHON PROGRAMMING	Innovation	WORKSHOP	Institute Lead Activity	ECE	09-07-2018 00:00:00	21-07-2018 00:00:00	13	Within Campus	5	20	0	5	30	Yes	20000
INTERNET OF EVERYTHING AND APPLICATIONS	Innovation	WORKSHOP	Institute Lead Activity	ECE	18-10-2018 00:00:00	18-10-2018 00:00:00	1	Within Campus	5	20	0	5	30	Yes	20000
INTERNET OF THINGS AND ITS APPLICATIONS	Innovation	FDP	Institute Lead Activity	ECE	05-11-2018 00:00:00	10-11-2018 00:00:00	6	Within Campus	5	20	0	5	30	Yes	54000
IMAGE PROCESSING USING MATLAB	Innovation	WORKSHOP	Institute Lead Activity	ECE	14-12-2018 00:00:00	15-12-2018 00:00:00	2	Within Campus	5	20	0	5	30	Yes	10000
DESIGN OF ANTENNAS USING HFSS	Innovation	WORKSHOP	Institute Lead Activity	ECE	11-11-2018 00:00:00	11-11-2018 00:00:00	1	Within Campus	5	20	0	5	30	Yes	10000

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

Name	Category	Activity	Lead	Department	Start Date	End Date	Duration	Location					Total		Amount
PROGFRAMMING XILINX ZYNQ SOCSWITH MATLAB AND SIMULAINK	Innovation	FDP	Institute Lead Activity	ECE	10-11-2018 00:00:00	11-11-2018 00:00:00	2	Within Campus	5	20	0	5	30	Yes	35000
IN HOUSE HANDS -ON ARDUINO DEVICE INTERFACING	Innovation	WORKSHOP	Institute Lead Activity	ECE	10-11-2018 00:00:00	11-11-2018 00:00:00	2	Within Campus	5	20	0	0	25	Yes	10000
PRODUCT DESIGNS IN IOT AND START-UP OPPORTNITIES	Innovation	SEMINOR	Student Lead Activity	ECE	20-07-2019 00:00:00	20-07-2019 00:00:00	1	Within Campus	100	2	0	0	102	Yes	25000
SCILAB	Innovation	WORKSHOP	Student Lead Activity	ECE	22-07-2019 00:00:00	27-07-2019 00:00:00	6	Within Campus	210	2	0	0	212	Yes	10000
MULTI SKILL DEVELOPING	Innovation	WORKSHOP	Student Lead Activity	ECE	03-09-2019 00:00:00	17-09-2019 00:00:00	15	Within Campus	10	2	0	0	12	Yes	10000
ANNTENNA DESIGN USING HFSS TOOL	Innovation	WORKSHOP	Student Lead Activity	ECE	06-09-2019 00:00:00	07-09-2019 00:00:00	2	Within Campus	120	2	0	0	122	Yes	20000
INDIAN SPACE PROGRAM	Innovation	SEMINOR	Student Lead Activity	ECE	14-09-2019 00:00:00	14-09-2019 00:00:00	1	Within Campus	100	2	0	0	102	Yes	20000
DESIGN AND CHALLENGES OF MINI SATELLITES	Innovation	SEMINOR	Student Lead Activity	ECE	23-09-2019 00:00:00	23-09-2019 00:00:00	1	Within Campus	100	2	0	0	102	Yes	20000
Fusion 360	Innovation	Workshop	Institute Lead Activity	Department of Mechanical Engineering	16-07-2018 00:00:00	21-07-2018 00:00:00	6	Within Campus	68	4	0	0	72	Yes	34000
Fusion 360	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	23-07-2018 00:00:00	28-07-2018 00:00:00	6	Within Campus	60	3	0	0	63	Yes	30000
Make your own 3D printer	Entrepreneurship/Startup	Workshop	Institute Lead Activity	Mechanical Engineering	20-02-2019 00:00:00	22-02-2019 00:00:00	3	Within Campus	96	2	0	0	98	Yes	71500
Computational Fluid Dynamics using MATLAB	Innovation	Workshop	Institute Lead Activity	Mechanical Engineering	23-02-2019 00:00:00	23-02-2019 00:00:00	1	Within Campus	180	5	0	0	185	Yes	15000
Fundamentals and Switching VFTOs in a 145 kv GIS	Innovation	GUEST LECTURE	Institute Lead Activity	SVEC EEE DEPARTMENT	27-06-2018 00:00:00	27-06-2018 00:00:00	1	Within Campus	100	10	0	0	110	Yes	8000

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

Electrical Machines	Innovation	GUEST LECTURE	Institute Lead Activity	SVEC EEE DEPARTMENT	28-07-2018 00:00:00	28-07-2018 00:00:00	1	Within Campus	100	10	0	0	110	Yes	5000
Over View of Thermal and Hydro Power Plants	Innovation	GUEST LECTURE	Institute Lead Activity	SVEC EEE DEPARTMENT	13-12-2018 00:00:00	13-12-2018 00:00:00	1	Within Campus	100	10	0	0	110	Yes	5000
Maintenance in Process based Plants (Steel Plants)	Innovation	INDUSTRIAL INTERACTION	Institute Lead Activity	SVEC EEE DEPATMENT	20-02-2019 00:00:00	20-02-2019 00:00:00	1	Outside Campus	200	10	0	0	210	Yes	5000
Problem Solving through C and Data Structure	Innovation	Faculty Development Program	Institute Lead Activity	CSE	09-11-2018 00:00:00	16-11-2018 00:00:00	8	Within Campus	0	26	0	0	26	Yes	61360
FDP on Pedagogical methods	Innovation	FDP	Institute Lead Activity	EEE	18-06-2018 00:00:00	23-06-2018 00:00:00	6	Within Campus	0	28	0	11	39	Yes	166000
OUTCOME BASED EDUCATION AND ACCREDITATION	Innovation	FDP	Institute Lead Activity	SVEC, in association NITTTR Kolkata ICT MODE	24-09-2018 00:00:00	28-09-2018 00:00:00	5	Within Campus	0	31	0	0	31	Yes	13175
DEVELOPMENT OF LABORATORY INSTRUCTION AND MANUAL	Innovation	FDP	Institute Lead Activity	SVEC in association NITTTR Kolkata ICT MODE	04-02-2019 00:00:00	08-02-2019 00:00:00	5	Within Campus	0	23	0	0	23	Yes	9775
PROBLEM BASED LEARNING	Innovation	FDP	Institute Lead Activity	SVEC in association NITTTR Kolkata ICT MODE	11-02-2019 00:00:00	15-02-2019 00:00:00	5	Within Campus	0	19	0	0	19	Yes	8075
MODERN MANUFACTURING SYSTEMS	Innovation	FDP	Institute Lead Activity	SVEC in association NITTTR Kolkata ICT MODE	18-02-2019 00:00:00	22-02-2019 00:00:00	5	Within Campus	0	13	0	0	13	Yes	5525
EVALUATING STUDENTS PERFORMANCE AND DESIGNING QUESTION PAPERS	Innovation	FDP	Institute Lead Activity	SVEC in association NITTTR Kolkata ICT MODE	25-02-2019 00:00:00	01-03-2019 00:00:00	5	Within Campus	0	24	0	0	24	Yes	10200
SCI LAB	Innovation	FDP	Institute Lead Activity	EEE	16-11-2018 00:00:00	17-11-2018 00:00:00	2	Within Campus	6	29	0	17	52	Yes	17000
Research Methodology	Innovation	Faculty development programme	Institute Lead Activity	Civil Engineering	01-07-2019 00:00:00	01-07-2019 00:00:00	1	Within Campus	0	8	0	8	16	Yes	7500

Program Conducted by Institute Related to IPR, Entrepreneurship / Start-ups & Innovation

Grand challenge scholars programme	Innovation	Workshop	Institute Lead Activity	Civil Engineering	01-07-2019 00:00:00	01-07-2019 00:00:00	1	Within Campus	100	0	0	0	100	Yes		7500
Entrepreneurship awareness camp	Entrepreneurship/Startup	awareness camp	Institute Lead Activity	Entrepreneurship development cell of the college	30-08-2018 00:00:00	01-09-2018 00:00:00	3	Within Campus	86	0	0	0	86	Yes		20000
Entrepreneurship awareness camp	Entrepreneurship/Startup	Awareness camp	Institute Lead Activity	Entrepreneurship development cell of the college	22-11-2018 00:00:00	24-11-2018 00:00:00	3	Within Campus	70	0	0	0	70	Yes		21150
Field Visit through IIC	Innovation	Innovative ideas	Institute Lead Activity	College	11-07-2018 00:00:00	11-07-2018 00:00:00	1	Outside Campus	58	12	0	0	70	No		---

Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by repute external institutions or agencies at national or international level

Name of Program (Full Name)	Program Theme	Program Type	Organizing Agency / Institute Name	Organizing Agency Type	Program Start Date	Program End Date	Program Duration(in Days)	Participants (Students)	Participants (Faculty)	Total Number of Participants	Awards/Recognitions/Achievements	Award / Position / Recognition Secured	Title of Innovation / Start-up Secured the Award / Recognition	Had institute spent expenses either from own resource/received fund towards sending delegation to participate/represent the program/activity/event?	Total Expense Amount Incurred by Institute? (In Rupees)
3D Experience Dassault Systems	Innovation	Workshop	Swarnandhra Institute of Engineering and Technology	Educational Institute	23-10-2018 00:00:00	27-10-2018 00:00:00	5	0	1	1	No	---	---	No	---
Computational Research Techniques using MATLAB	Innovation	Workshop	B.V.Raju Institute of Technology	Educational Institute	03-12-2018 00:00:00	07-12-2018 00:00:00	5	0	1	1	No	---	---	Yes	4500
Data Structures and Algorithms Workshop	Innovation	Faculty Development Program	Madhanapalli Institute of Technology and Science	Educational Institute	28-05-2018 00:00:00	02-06-2018 00:00:00	6	0	2	2	No	---	---	Yes	9280
Artificial Intelligence and Machine Learning	Innovation	Workshop	NIT Warangal	Educational Institute	04-06-2018 00:00:00	08-06-2018 00:00:00	5	0	2	2	No	---	---	Yes	4140
ANN and Deep Learning	Innovation	Faculty Development Program	NIT Warangal	Educational Institute	11-06-2018 00:00:00	15-06-2018 00:00:00	5	0	1	1	No	---	---	Yes	1300
FDP on Internet of Things	Innovation	FDP	NIT Warangal	Educational Institute	18-06-2018 00:00:00	22-06-2018 00:00:00	5	0	2	2	No	---	---	Yes	2140

Participation / Representation of Students and (or) Faculties in Events / Programs related to IPR, entrepreneurship / Start-ups & Innovation organized by repute external institutions or agencies at national or international level

Workshop on AI and Deep Learning	Innovation	Workshop	Bennett University	Educational Institute	28-06-2018 00:00:00	30-06-2018 00:00:00	3	0	5	5	No	---	---	Yes	1500
FDP on Machine Learning and Deep Learning	Innovation	FDP	Aditya Engineering College	Educational Institute	10-11-2018 00:00:00	15-11-2018 00:00:00	6	0	4	4	No	---	---	Yes	11625
Workshop on Machine Learning and its Applications	Innovation	Workshop	Vasavi Engineering College, Hyderabad	Educational Institute	28-11-2018 00:00:00	30-11-2018 00:00:00	3	0	1	1	No	---	---	Yes	1930
FDP on AI using ML and DL	Innovation	FDP	Swarnandra College of Engineering	Educational Institute	07-01-2019 00:00:00	11-01-2019 00:00:00	5	0	1	1	No	---	---	Yes	1250
Green energy and smart grids	Innovation	FDP	PVP Sidhartha Institute of Technology, Vijayawada	Educational Institute	20-07-2018 00:00:00	21-07-2018 00:00:00	2	0	1	1	No	---	---	Yes	4400
ICTIEE-AP 2018	Innovation	FDP	SRM University, Amaravathy	Educational Institute	15-07-2018 00:00:00	17-07-2018 00:00:00	3	0	1	1	No	---	---	Yes	5000
Automation tools for Engineering Applications	Innovation	FDP	AU College of Engineering, Visakapatnam	Educational Institute	08-11-2018 00:00:00	14-11-2018 00:00:00	7	0	2	2	No	---	---	Yes	9550
Suitable Technologies for Electric Transportation System	Innovation	FDP	Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad	Educational Institute	11-11-2018 00:00:00	17-11-2018 00:00:00	7	0	2	2	No	---	---	Yes	11076
Effects of wind on structural and facade design	Innovation	Faculty Development Programme	Sri C R Reddy Engg college, Eluru	Educational Institute	14-12-2018 00:00:00	14-12-2018 00:00:00	1	0	6	6	No	---	---	No	---

Courses on Innovation, IPR and Entrepreneurship Development Offered During the Academic Period 2018-19

Title of Course/Subject Offered	Program Theme	Type of Course	Level of Course	Program Start Date	Program End Date	Program Duration(in Days)	Mode of Delivery	Total Enrolment Number	Total Number of Students Completed	Total Numbers of Contact Hours of Course
Outcome Based Education Accreditation	Innovation	FDP	Short Term Certificate Course	24-09-2018 00:00:00	28-09-2018 00:00:00	5	Online	4	4	40
IoT and its Applications	Innovation	FDP	Short Term Certificate Course	05-11-2018 00:00:00	10-11-2018 00:00:00	6	Offline	5	5	48
Automation tools for Engineering Applications	Innovation	FDP	Short Term Certificate Course	09-11-2018 00:00:00	13-11-2018 00:00:00	5	Offline	2	2	40

Applications of Mathematics in Engineering	Innovation	FDP	Short Term Certificate Course	17-12-2018 00:00:00	19-12-2018 00:00:00	3	Offline	2	2	30
Advanced Techologies in Power Engineering	Innovation	FDP	Short Term Certificate Course	17-12-2018 00:00:00	21-12-2018 00:00:00	5	Offline	2	2	40
Power Electronics Applications in power Quality Drives and Renewable Energy Sources	Innovation	FDP	Short Term Certificate Course	21-12-2018 00:00:00	25-12-2018 00:00:00	5	Offline	3	3	40
Suitable Technologies for Electric Transportation Systems	Innovation	FDP	Short Term Certificate Course	12-11-2018 00:00:00	16-11-2018 00:00:00	5	Offline	2	2	40
Development of Laboratory Instruction and Manual	Innovation	FDP	Short Term Certificate Course	04-02-2019 00:00:00	08-02-2019 00:00:00	5	Online	5	5	40
Problem Based Learning	Innovation	FDP	Short Term Certificate Course	11-02-2019 00:00:00	15-02-2019 00:00:00	5	Online	5	5	40
Evaluating Students Performance and Designing Question Papers	Innovation	FDP	Short Term Certificate Course	25-02-2019 00:00:00	01-03-2019 00:00:00	5	Online	9	9	40
Integration of Renewable Energy Sources under E and ICT	Innovation	FDP	Short Term Certificate Course	03-06-2019 00:00:00	08-06-2019 00:00:00	6	Offline	1	1	48
IPR	IPR	Elective/Core Credit Course	Bachelor	11-06-2018 00:00:00	13-10-2018 00:00:00	125	Offline	135	135	50
Problem Based Learning	Innovation	FDP	Short Term Certificate Course	11-02-2019 00:00:00	15-02-2019 00:00:00	5	Online	1	1	30
Revit Architecture	Innovation	Short term Certificate	Short Term Certificate Course	27-08-2019 00:00:00	08-09-2019 00:00:00	13	Offline	30	15	65
Revit Structures	Innovation	Short term Certificate	Short Term Certificate Course	07-12-2018 00:00:00	20-12-2018 00:00:00	14	Offline	20	6	70

Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Name of Centre	Type of Facility	Year of Facility Creation	Facility Location / Address	Facility Incharge	Carpet Area of Facility	Had institute spent expenses either from own resource/received fund towards Establishment/Operation of Pre-Incubation & Incubation Centre/Facilities?	Had institute Generated Income either from Services Offered by Pre-Incubation & Incubation Centre/Facilities?
Pollution Testing Facility	Research Park/Innovation Park	2018	Sri Vasavi Engineering College	Facility Incharge Name: D.V.N Prabhakar Facility Incharge Email: hod_mech@srivasaviengg.ac.in Facility Incharge Phone: 7013290220	600 Sq. Ft.	**Yes** Annual Capital Expenditure (In Rupees): 394000 Annual Operational Expenditure (In Rupees): 5000	**Yes** Total Annual Income from Training and Skill Development Services (In Rupees): 0 Total Annual Income from (Technical and Business) Mentoring Services (In Rupees): 8000 Total Annual Income from Office Space and Rental Services to Start-ups/Innovators (In Rupees): 0

Innovation, Pre-Incubation & Incubation Centre/Facilities exists in campus

Advanced Manufacturing processes	Centre of Excellence with Advance Tools & Equipment	2018	Sri Vasavi Engineering College	**Facility Incharge Name** S. Chandra Sekhar **Facility Incharge Email** hod_mech@srivasaviengg.ac.in **Facility Incharge Phone** 8897805920	1200 Sq. Ft.	**Yes** **Annual Capital Expenditure (In Rupees)** 342495 **Annual Operational Expenditure (In Rupees)** 0	No

Grants / Funds Received by Pre-Incubation & Incubation Centre / Facilities exists in Campus

No Data FIled!

Idea / Prototype / Innovation have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

No Data FIled!

Start-ups have received Grant / funding from Pre-Incubation / Incubation Centre / Facilities

No Data FIled!

Co-Incubation Partnership

Type of Partnership	Partnership Institute Name	Type of Support Offered	No. of Student Projects/ Ideas / Innovation / Startups Supported	Date of MOU / Agreement Signed on
Incubation Services/Support Received from Other Institute/Incubator	IIT Mumbai	Pre-incubation	1	28-09-2016

Technology Commercialization / Transfer
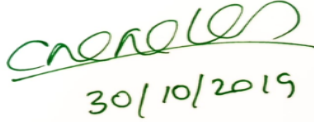
No Data FIled!

Declaration

Joint Declaration by the Head of the Institute and Nodal Officer

Dear Sir,

Herewith, myself Dr. Guduru VNSR Ratnakara Rao (Head of Institute) and Dr. S. P. Malarvizhi (Nodal Officer) jointly declaring on behalf of our institute is that all the information submitted are true and correct to best of our knowledge.
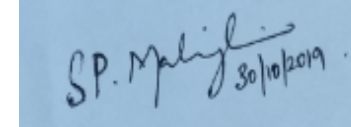
Thank you

The Head of Institute	Nodal officer
Dr. Guduru VNSR Ratnakara Rao	Dr. S. P. Malarvizhi
Head of the Institution,	Nodal Officer,
Sri Vasavi Engineering College, Pedatadepalli, Tadepalligudem, PIN-534101 (CC-A8),	Sri Vasavi Engineering College, Pedatadepalli, Tadepalligudem, PIN-534101 (CC-A8),
West Godavari, Andhra Pradesh	West Godavari, Andhra Pradesh