



# ARIIA

## ATL 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)

Institute Name: S J C INSTITUTE OF TECHNOLOGY [ARI-C-1320]

### Awareness / Training / Programmes organized by the Institute

Total Annual Expenditure Incurred towards Organizing Awareness, Workshop, Seminars, Training programs etc. related to promote innovation, IPR and Entrepreneurship Development

Financial Year	Program Type	Name of Program	Program Theme	Program Duration	Program Conducted	Participants Details			Expenditure Incurred		
						Number of Internal Participants	Number of External Participants	Total Number of Participants	Institute Own / Internal Fund (in Rupees)	Sponsorship / External Fund	Total Expenditure Incurred
2015-16	Workshops / Training / Seminars / Conferences	Introductory Talk on Performance	Entrepreneurship/ Startup	27-Feb-2016 to 27-Feb-2016 (1 Days)	Within Campus	50	0	50	0.00	0.00	0.00
2015-16	Workshops / Training / Seminars / Conferences	.NET Programming	Innovation	25-Mar-2016 to 27-Mar-2016 (3 Days)	Within Campus	70	0	70	30000.00	0.00	30000.00
2015-16	Workshops / Training / Seminars / Conferences	Futuristic Trends in Information Technology	Innovation	21-Apr-2016 to 22-Apr-2016 (2 Days)	Within Campus	80	20	100	20000.00	0.00	20000.00
2015-16	Workshops / Training / Seminars / Conferences	Recent Advances in Civil Engineering (RACE)	Innovation	21-Apr-2016 to 22-Apr-2016 (2 Days)	Within Campus	10	37	47	30000.00	20700.00	50700.00
2015-16	Workshops / Training / Seminars / Conferences	INNERVE 2016 inter college	Innovation	22-Apr-2016 to 22-Apr-2016 (1 Days)	Within Campus	40	171	211	96648.00	25000.00	121648.00
2015-16	Workshops / Training / Seminars / Conferences	Technical talk on normalization	Innovation	22-Apr-2016 to 22-Apr-2016 (1 Days)	Within Campus	80	0	80	10000.00	0.00	10000.00
2015-16	Workshops / Training / Seminars / Conferences	Construction Management	Entrepreneurship/ Startup	03-May-2016 to 03-May-2016 (1 Days)	Within Campus	120	0	120	5000.00	0.00	5000.00
2015-16	Hackathons/Competition/Boot-Camp/Exchange Programs	INDUSTRIAL INTERACTION	Innovation	27-Jun-2016 to 30-Jun-2016 (4 Days)	Outside Campus	41	0	41	0.00	0.00	0.00
2015-16	Workshops / Training / Seminars / Conferences	JANUS	Entrepreneurship/ Startup	09-Jul-2016 to 11-Jul-2016 (3 Days)	Within Campus	126	0	126	65000.00	0.00	65000.00

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2015-16	Workshops / Training / Seminars / Conferences	e-Tabs	Innovation	22-Jul-2016 to 24-Jul-2016 (3 Days)	Within Campus	126	0	126	70000.00	0.00	70000.00
2015-16	Workshops / Training / Seminars / Conferences	workshop on DSC	Innovation	16-Oct-2016 to 17-Oct-2016 (2 Days)	Within Campus	90	0	90	20000.00	0.00	20000.00
2016-17	Workshops / Training / Seminars / Conferences	Construction Equipments and Methods	Innovation	26-Jul-2016 to 26-Jul-2016 (1 Days)	Within Campus	70	0	70	8000.00	0.00	8000.00
2016-17	Awareness / Motivational Programs	Importance of Civil Engineering	Entrepreneurship/Startup	10-Aug-2016 to 10-Aug-2016 (1 Days)	Within Campus	109	0	109	8000.00	0.00	8000.00
2016-17	Workshops / Training / Seminars / Conferences	Deep excavations	Entrepreneurship/Startup	10-Aug-2016 to 10-Aug-2016 (1 Days)	Within Campus	109	0	109	8000.00	0.00	8000.00
2016-17	Awareness / Motivational Programs	Advance in Hydrology and water resources	Innovation	27-Aug-2016 to 27-Aug-2016 (1 Days)	Within Campus	109	0	109	5000.00	0.00	5000.00
2016-17	Workshops / Training / Seminars / Conferences	International conference	Innovation	11-Jan-2017 to 12-Jan-2017 (2 Days)	Within Campus	15	29	44	28000.00	0.00	28000.00
2016-17	Workshops / Training / Seminars / Conferences	Micro fine materials in concrete	Entrepreneurship/Startup	27-Mar-2017 to 27-Mar-2017 (1 Days)	Within Campus	150	0	150	5000.00	0.00	5000.00
2016-17	Workshops / Training / Seminars / Conferences	Recent Advances in Civil Engineering (RACE)	Innovation	03-May-2017 to 04-May-2017 (2 Days)	Within Campus	111	89	200	164280.00	86700.00	250980.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	INNERVE 2017 inter college	Innovation	03-May-2017 to 04-May-2017 (2 Days)	Within Campus	56	144	200	0.00	0.00	0.00
2016-17	Workshops / Training / Seminars / Conferences	Computer Networking Programming in JAVA Network Simulator 2	Innovation	16-Aug-2017 to 19-Aug-2017 (4 Days)	Within Campus	20	10	30	20000.00	0.00	20000.00
2016-17	Workshops / Training / Seminars / Conferences	Python Program	Innovation	22-Sep-2017 to 23-Sep-2017 (2 Days)	Within Campus	80	0	80	20000.00	0.00	20000.00
2016-17	Workshops / Training / Seminars / Conferences	Artificial Intelligence	Innovation	07-Oct-2017 to 07-Oct-2017 (1 Days)	Within Campus	70	0	70	60000.00	0.00	60000.00
2016-17	Workshops / Training / Seminars / Conferences	Technical talk on ACA	Innovation	09-Nov-2017 to 09-Nov-2017 (1 Days)	Within Campus	78	0	78	6000.00	0.00	6000.00

**Awareness / Training / Programmes organized by the Institute**

Total Annual Expenditure Incurred towards Organizing Awareness, Workshop, Seminars, Training programs etc. related to promote innovation, IPR and Entrepreneurship Development

2017-18	Awareness / Motivational Programs	Inspirational talk to students and staff members	Entrepreneurship/ Startup	05-Oct-2017 to 05-Oct-2017 (1 Days)	Within Campus	350	0	350	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	Construction Management	Entrepreneurship/ Startup	08-Oct-2017 to 08-Oct-2017 (1 Days)	Within Campus	109	0	109	5000.00	0.00	5000.00
2017-18	Workshops / Training / Seminars / Conferences	Carrier Guidance and C V preparation	Entrepreneurship/ Startup	06-Mar-2018 to 06-Mar-2018 (1 Days)	Within Campus	109	0	109	0.00	0.00	0.00
2017-18	Awareness / Motivational Programs	Startup Ventuters	Entrepreneurship/ Startup	28-Mar-2018 to 28-Mar-2018 (1 Days)	Within Campus	100	0	100	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	Professional Training by NAASCO engineers	Entrepreneurship/ Startup	11-Apr-2018 to 11-Apr-2018 (1 Days)	Within Campus	49	0	49	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	Synergy school of business skills	Entrepreneurship/ Startup	13-Apr-2018 to 13-Apr-2018 (1 Days)	Within Campus	109	0	109	0.00	0.00	0.00
2017-18	Awareness / Motivational Programs	Carrier Guidance	Entrepreneurship/ Startup	23-Apr-2018 to 23-Apr-2018 (1 Days)	Within Campus	109	0	109	5000.00	0.00	5000.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	INNERVE 2018 inter college fest	Innovation	10-May-2018 to 10-May-2018 (1 Days)	Within Campus	175	125	300	56263.00	0.00	56263.00
2017-18	Workshops / Training / Seminars / Conferences	Recent Advances in Civil Engineering (RACE)	Innovation	10-May-2018 to 10-May-2018 (1 Days)	Within Campus	11	31	42	36684.00	0.00	36684.00
2017-18	Workshops / Training / Seminars / Conferences	AGILE- SCRUM Development Methodologies	Innovation	04-Jun-2018 to 05-Jun-2018 (2 Days)	Within Campus	90	0	90	45000.00	0.00	45000.00
2017-18	Workshops / Training / Seminars / Conferences	Logic Building through C Programming	Innovation	04-Jul-2018 to 08-Jul-2018 (5 Days)	Within Campus	50	0	50	0.00	0.00	0.00
2017-18	Workshops / Training / Seminars / Conferences	Banking, Financial Services, Real Estate sales operations and Project management	Entrepreneurship/ Startup	28-Jul-2018 to 28-Jul-2018 (1 Days)	Within Campus	120	0	120	8000.00	0.00	8000.00
2017-18	Workshops / Training / Seminars / Conferences	dot net programming	Innovation	10-Aug-2018 to 14-Aug-2018 (5 Days)	Within Campus	61	0	61	27000.00	0.00	27000.00
2017-18	Workshops / Training / Seminars / Conferences	Android training	Innovation	28-Aug-2018 to 01-Sep-2018 (5 Days)	Within Campus	18	0	18	33000.00	0.00	33000.00

**Awareness / Training / Programmes organized by the Institute**

Total Annual Expenditure Incurred towards Organizing Awareness, Workshop, Seminars, Training programs etc. related to promote innovation, IPR and Entrepreneurship Development

2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	National level C-Programming Competition	Innovation	05-Oct-2018 to 05-Oct-2018 (1 Days)	Within Campus	30	20	50	20000.00	0.00	20000.00
2017-18	Workshops / Training / Seminars / Conferences	Futuristic Trends in Information Technology	Innovation	05-Oct-2018 to 05-Oct-2018 (1 Days)	Within Campus	80	20	100	20000.00	0.00	20000.00

**Institute's Participation in Events/ Programmes organized by the External Agencies**

Total Annual Expenditure Incurred towards Supporting Students and Faculties to Participate/Present in National and International Level Innovation and Start-up Events/Competitions/Hackathons etc.

Financial Year	Program Type	Program Theme	Name of Event	Organizing Agency / Institute Name	Level of Event	Type of Participants	Nos of Participants	Achievements (Awards/Recognitions/Prize, If any)	Expenditure Incurred		
									Institute Own / Internal Fund (in Rupees)	Sponsorship / External Fund	Total Expenditure Incurred
2015-16	Workshops / Training / Seminars / Conferences	Innovation	Internet of things Ecosystem	Joythi Institute of Technology Bangalore	National	Faculty	1	0	0.00	0.00	0.00
2015-16	Workshops / Training / Seminars / Conferences	Innovation	Research Methodologies of Latex	Dr. P.G.H Collage of Engg and Tech Vijayapur	National	Faculty	1	0	0.00	0.00	0.00
2015-16	Workshops / Training / Seminars / Conferences	Innovation	Awareness workshop on NPTEL	NPTEL, MADRAS	National	Faculty	9	0	0.00	0.00	0.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	Engineers day celebration	ACCE and Ramco Cements	National	Both	6	Cash Prize of 20000	5000.00	0.00	5000.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	Bridge Master	ANAADYA 2018 , NITTe,Bangalore	National	Student	4	cash prize of 5000	3000.00	0.00	3000.00
2016-17	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	inter collegiate climate change quiz	Divecha Centre of Climate Change, ITSC, Bangalore.	National	Student	2	0	5000.00	0.00	5000.00
2016-17	Workshops / Training / Seminars / Conferences	Innovation	FDP on JAVA	WIPRO, Bangalore	National	Faculty	1	0	0.00	0.00	0.00
2016-17	Workshops / Training / Seminars / Conferences	Entrepreneurship/S tartup	Campus Connect program	Infosys Bangalore	National	Faculty	2	1	0.00	0.00	0.00
2016-17	Workshops / Training / Seminars / Conferences	Innovation	Android Application	Google, india	National	Faculty	4	0	0.00	0.00	0.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Entrepreneurship/S tartup	Ideathon Competition	BGS R&D Center,	National	Student	3	0	3000.00	0.00	3000.00

### Institute's Participation in Events/ Programmes organized by the External Agencies

Total Annual Expenditure Incurred towards Supporting Students and Faculties to Participate/Present in National and International Level Innovation and Start-up Events/Competitions/Hackathons etc.

2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Innovation	Jhana Vijnana tantrajana Mela	Sri Kshetra Adichunchanagiri	National	Both	12	0	12000.00	0.00	12000.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Innovation	Second National Students Project Exhibition-2017	Alpha College of Engineering, Bangalore in association with AICTE	National	Student	2	0	5000.00	0.00	5000.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Innovation	Project Exhibition and Competition	RVCE ,Bangalore	National	Student	2	0	0.00	0.00	0.00
2017-18	Exhibitions of Innovative Products / E-Summits / Tech-Fests	Innovation	Project exhibition cum competition-2018	vtu,belgaum	National	Both	4	cash prize of 5000	10000.00	0.00	10000.00
2017-18	Workshops / Training / Seminars / Conferences	Innovation	CyberComm 2018	Bangalore Tech Summit	National	Both	20	0	0.00	0.00	0.00
2017-18	Hackathons/Competition/Boot-Camp/Exchange Programs	Innovation	Cisco IOT Hackathon	Cisco bangalore	National	Student	3	1	0.00	0.00	0.00

### Pre-Incubation and Incubation facilities exist in-campus

Total Annual Expenditure Incurred towards Creation of Pre-Incubation and Incubation Facilities in Campus

**Not Applicable!**

### Fund supported to convert ideas to Innovations & Start-ups

Total Annual Fund Supported towards Conversion of Ideas to Innovative Solutions and Start-ups at the Institute Level

Financial Year	Category	Name of Idea / Project / Innovation / Startup	Applicant Type	Academic Year of Study	Project Completion	Core Team Size (Nos)	Fund Supported				Current Status (as of 31st March 2018)
							Institution Own Seed Fund	Seed Grant from Funding Agency	Angel / Venture Capital Fund	Total Supported Amount	
2017-18	Non-Patented Innovative Technology to Start-up	Smart Traffic Handling System	Student	Bachelor	On Progress	4	0.00	250000.00	0.00	250000.00	Technology Development/Pre Incubation Phase

### Intellectual Properties Filed

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

Financial Year	Title of Patent	Patent Application No	Inventors Type	Type of Patent Application Filed	Current Status (as of 31st March 2018)	Amount Spent towards Patent Filing (in Rupees)		
						Institution Own Fund	Sponsorship / Grant Fund	Total Amount Spent towards Patent Filing (in Rupees)

**Intellectual Properties Filed**

Total Annual Expenditure Spent towards Patent filing of Innovative Technologies with Institute having Ownership

2016-17	SYSTEM FOR DEVIATING AND STOPPING THE BULLET AWAY FROM THE BODY THROUGH MAGNETIC FLUX	201641038565	Student and Faculty	International	Application under Examination	8000.00	0.00	8000.00
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**Innovations Commercialized and IP Licensed**

Total Annual Expenditure Incurred and Revenue Generated from IP Commercialization and Licensing at Institute Level (Excluding Consultancy and Testing Services)

**Not Applicable!****Grant / Fund Generated / Received by Institute to support Innovation & Start-up**

Total Annual Grant / Fund Generated / Received / Mobilized from Govt., Non Govt. and Private Agencies towards Creation of Pre-Incubation and Incubation Infrastructure and Facilities in Campus

**Not Applicable!****Venture Fund / Investment mobilized to support Innovation & Start-up**

Total Angel/Venture Fund Mobilized Annually towards Investment Commitment/Support Innovators/Start-ups incubated at Institute

**Not Applicable!****Revenue Generated from Incubation Services offered by the Institute**

Total Revenue Generated Annually from the Incubation Services offered and Equity/Share hold in Incubatees/Spinoffs

**Not Applicable!****Student Projects recognized at National / International Level**

No of Innovative Student Projects Recognized Nationally/Internationally with Prestigious renowned Agencies/Awards

**Not Applicable!****Innovations to Startups**

No of Successful Conversion of Innovations initiated by Students/Alumni/Faculties converted to Enterprise/Start-ups made at Institute

Financial Year	Innovation / Start-Up Name	Founded by	Name of the Co-Founders (Multiple Names can be mentioned with Commas)	Received Incubation	Name of Incubator	Period of Incubation Received (in Years)	Startup with Corporate Identification Number (CIN) Registration	Corporate Identification Number (CIN) No.	Current Startup Status	Startup Grown to an annual turnover of Rupees 50 Lakhs (or) 10 employees for a period of 2 years
2017-18	KustomBuggy	Student	Arnab Chaudry	No	---	---	No	---	Self-Supported	No

**Co-Incubation Partnership**

Co-incubation Partnership made with other Institutions either to offer incubation support (or) to receive incubation support

**Not Applicable!**

## Courses on Innovation, IPR and Entrepreneurship Development

Short Term Certificate Courses, Regular Academic Programs and Courses offered at Institute on Innovation, IPR and Entrepreneurship Development for Students, Faculties and Start-ups

Academic Year	Title of Course	Subject Focus of Course	Type of Course	Mode of Delivery	Duration of Course / Subject (Minimum 30 Contact Hours)	Total Enrollment for the Course	Total Nos. Completed the Course
2015-16	Infosys campus connect certification course	Cognitive skill Development	Short Term Certificate Course	Online	60	66	60
2016-17	Infosys campus connect certification course	Cognitive skill Development	Short Term Certificate Course	Online	60	70	63
2017-18	Infosys campus connect certification course	Cognitive skill Development	Short Term Certificate Course	Online	60	55	55
2017-18	Wipro certification course	Cognitive skill Development	Short Term Certificate Course	Classroom	60	20	12

## Faculty with Entrepreneurial Experience

Regular Faculties Engaged in Teaching with Experience in Innovation Design, IPR, Business Modelling, Entrepreneurship Development, Start-up, etc.

**Not Applicable!**

## Innovation in Governance

Best Innovative Solutions Developed In-house for Improving Governance of Your Institution

Financial Year	Categories	Title of the Innovation	Brief About Solutions / Approaches Developed and Deployed in Your Institute	Total Project Amount (in Rupees)	Revenue Generated (in Rupees)	Impact created (No. of Direct Beneficiaries/Users)
2017-18	Waste Management	Nisarguna Biogas plant	Food waste generated in the college hostel is used for generation of biogas with the help of chemicals. The generated biogas is used for heating water and cooking . An initial investment of 2500000 is used to build this plant and now its ready to use, from which every month we are saving about 36000. All the students and staff in the hostel are directly or indirectly benefited from this.	2500000.00	36000.00	500

Responsibility for accuracy and authenticity of data lies with the concerned institution.