Swami Keshvanand Institute
of Technology, Management & Gramothan

Approved by AICTE, Ministry of HRD, Government of India and
Recognnized by UGC under Section 2 (f) of the UGC Act, 1956
Affiliated to Rajasthan Technical University, Kota

3.1.3 Percentage of departments having Research projects funded by government and non-government agencies during the last five years

Year	2020-21	2019-20	2018-19	2017-18	2016-17
Number of departments offering academic programes	7	7	7	7	7
Number of departments having Research projects funded by government and non-government agencies	6	6	5	5	0
Percentage of departments having Research projects funded by government and non government agencies	85.71%	85.71%	71.43%	71.43%	0.00%
Average percentage	62.86%				

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3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs) (5)

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years (5)

Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investivator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/ non-Government)
AICTE ATAL Grant for FDP on Industrial Internet of Things	Dheeraj Joshi	Mechanical Engineering	2021	93000	1 Week	AICTE	Government
AICTE-SPICES	Brij Mohan Sharma	Mechanical Engineering	2020	100000	1 Year	AICTE	Government
Emerging Trends in Infrastructure Development	Anirudh Mathur	Civil Engineering	2020	75,000	5 Days	RTU (ATU) TEQIP III	Government
Workshop on Simulation Software for Electrical Engineers	Sarfaraj Nawaz	Electrical Engineering	2020	62000	5 Days	RTU (ATU) TEQIP III	Government
Consultancy support for development of Laboratory	Dheeraj Joshi	Mechanical Engineering	2020	3,00,000	6 Months	VGU, Jaipur	Non-Government
Consultancy support for development of Laboratory	Mukesh Kumar Gupta	Computer Science & Engineering	2020	3,60,000	6 Months	VGU, Jaipur	Non-Government
Consultancy support for development of Laboratory	Dhanraj Chitara	Electrical Engineering	2020	3,00,000	6 Months	VGU, Jaipur	Non-Government
Consultancy support for development of Laboratory	Pooja Jain	Civil Engineering	2020	3,00,000	6 Months	VGU, Jaipur	Non-Government
Workshop on Design of Traffic Engineering Facilities	Anirudh Mathur	Civil Engineering	2020	75,000	5 Days	RTU (ATU) TEQIP III	Government
Hands on Training on MATLAB for Engineers	Ajay Bhardwaj	Electrical Engineering	2020	75,000	5 Days	RTU (ATU) TEQIP III	Government
FDP on Deep learning for medical data analysis	Sunil Dhankar	Computer Science & Engineering	2020	70,000	5 Days	RTU (ATU) TEQIP III	Government
ATAL FDP Application of machine learning and artificial intelligence	Neha Janu	Computer Science & Engineering	2020	93,000	5 Days	AICTE	Government
International Conference on New and Renewable Energy Resources for Sustainable Future	Ashish Nayyar	Mechanical Engineering	2020	80,000	3 Days	TEQIP III RTU, Kota	Government
FDP on Emerging Tools and Techniques in Communication Systems ETTCS-2020	Monika Mathur	Electronics & Communication	2020	54,000	5 Days	RTU (ATU) TEQIP III	Government

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3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years (5)

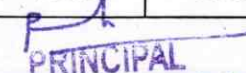| Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investivator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/ non-Government)
FDP on Applications of Mathematical Sciences in Engineering and Technology	Rohit Mukherjee	Basic Science & Humanities	2020	75,000	5 Days	RTU (ATU) TEQIP III	Government
Student workshop on Effective Communication and Presentation Skills	Nidhi Sharma	Basic Science & Humanities	2020	75,000	5 Days	RTU (ATU) TEQIP III	Government
Hackathon Startup Competition	Amber Srivastava	Basic Science & Humanities	2020	3,00,000	2 Days	RTU (ATU) TEQIP III	Government
Workshop on Android A Practical approach to Develop Mobile Apps	Kajal Mathur	Computer Science & Engineering	2020	1,50,000	10 Days	RTU (ATU) TEQIP III	Government
ATAL FDP on Blockchain Technology and Application	Mukesh Kumar Gupta	Computer Science & Engineering	2020	93,000	5 Days	AICTE	Government
FDP on Sales Force Trailhead	Neha Janu	Computer Science & Engineering	2020	75,000	5 Days	RTU (ATU) TEQIP III	Government
FDP on Opportunites and Challenges on e vehicles in india	Ashish Nayyar	Mechanical Engineering	2020	30,000	3 Days	RTU (ATU) TEQIP III	Government
FDP on Solar Thermal Engineering for Sustainable future	Ashish Nayyar	Mechanical Engineering	2020	42,000	5 Days	RTU (ATU) TEQIP III	Government
Student workshop on Emerging Web Development Trends	Ashish Pant	Computer Science & Engineering	2020	1,50,000	10 Days	RTU (ATU) TEQIP III	Government
Student Workshop Under Twinning/Mentoring with JNTU Hyderabad on Data Analytics Student workshop on Data Science & Analytics	Achin Srivastava	Mechanical Engineering	2020	45,000	3 Days	RTU (ATU) TEQIP III	Government
Student workshop on VLSI Design and Embedded Systems	Swati Arora	Electronics & Communication	2020	60,000	5 Days	RTU (ATU) TEQIP III	Government
STTP on Recent Advances in Nano-photonics Technology	Rukhsar Zafar	Electronics & Communication	2020	3,24,333	18 Days	AICTE	Government
FDP on Aatmnirbhar Bharat Encouraging Enterprise in Rural Communities and Remote Regions	Archana Saxena	Basic Science & Humanities	2020	45,000	3 Days	RTU (ATU) TEQIP III	Government
FDP on Embedded Systems & IoT ESI 2020	Ankit Agarwal	Electronics & Communication	2020	61,000	5 Days	RTU (ATU) TEQIP III	Government

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Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investivator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/ non-Government)
FDP on Emerging Trends in Nano Electronics	Praveen Kumar Jain	Electronics & Communication	2020	70,000	5 Days	RTU (ATU) TEQIP III	Government
FDP on Machine Learning and Smart Electronic System MLSES 2020	Kiran Rathi	Electronics & Communication	2020	38,000	3 Days	RTU (ATU) TEQIP III	Government
FDP on Emerging trends on Organic Electronics (ETOE-2020)	Neeraj Jain	Electronics & Communication	2020	19,000	3 Days	RTU (ATU) TEQIP III	Government
FDP on Nanotechnology Based Green Energy Solution for Solar Cells NGESS 2020	Swati Arora	Electronics & Communication	2020	50,000	5 Days	RTU (ATU) TEQIP III	Government
FDP on Green Energy The Energy of Future	Jitendra Singh	Electrical Engineering	2020	59,000	5 Days	RTU (ATU) TEQIP III	Government
FDP on Manufacturing and Recyclization of Engineering Materials-Cement, Glass and Ceramics (Self-reliant India) (MRCGC2020)	Sharda Soni	Basic Science & Humanities	2020	75,000	5 Days	RTU (ATU) TEQIP III	Government
FDP on Recent Trends in Material Science and Engineering (RTMSE-2020)	Manasvi Dixit	Basic Science & Humanities	2020	30,000	2 Days	RTU (ATU) TEQIP III	Government
FDP on Student Centred Teaching Methods & Strategies	Nidhi Sharma	Basic Science & Humanities	2020	75,000	5 Days	RTU (ATU) TEQIP III	Government
FDP Recent Trends in Advanced Machining and Additive Manufacturing	Achin Srivastava, Deepak Kumar	Mechanical Engineering	2020	70,000	5 Days	TEQIP III RTU, Kota (CRS Project)	Government
Student workshop on Data Science and Analytics	Kailash Soni	Computer Science & Engineering	2020	2,25,000	15 Days	RTU (ATU) TEQIP III	Government
A deep network model for cross-Linguai Plagiarism Detection for indian languages	Mukesh Kumar Gupta	Computer Science & Engineering	2020	2,40,000	1 Year	TEQIP III RTU, Kota (CRS Project)	Government
MODROB (Material Testing Lab)	Dheeraj Joshi	Mechanical Engineering	2020	14,31,373	2 Years	AICTE	Government

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Wireless Sensor Network and Ubiquitous Computing (WSNUC-2020)	Mukesh Kumar Gupta	Computer Science & Engineering	2020	50,000	3 Days	DST	Government
National Conference on Newer Avenues in the field of Chemical Science	Archana Saxena	Basic Science & Humanities	2020	50,000	2 Days	CSIR, HR Development Group, New Delhi	Government
Short Term Training Program on CAD-CAM and advanced manufacturing	Manoj Kumar Sain	Mechanical Engineering	2020	3,40,000	6 Days	AICTE, New Delhi	Government
Short Term Training Program on Internet of Thing Education Canvas	Anil Choudhary	Information Technology	2020	3,06,000	6 Days	AICTE, New Delhi	Government
Short Term Training Program on Optimization Techniques and their Application to Power System	Akash Saxena	Electrical Engineering	2020	3,66,666	6 Days	AICTE, New Delhi	Government
NSS Activities	Ramesh Pachar	Electrical Engineering	2020	45,000	5 Months	PFMS, Raj Govt.	Government
International Conference on New and Renewable Energy Resources for Sustainable Future	Ashish Nayyar	Mechanical Engineering	2020	75,000	3 Days	SERB, New Delhi	Government
Application of Metaheuristic for prediction of Secondary Structure of Proteins	Akash Saxena	Electrical Engineering	2020	2,40,000	1 Year	TEQIP III RTU, Kota (CRS Project)	Government
Development of Intelligent Prediction Models for Accessing Air Quality at Different cities of Rajasthan	Shalini Shekhawat	Basic Science & Humanities	2020	2,00,000	1 Year	TEQIP III RTU, Kota (CRS Project)	Government
Dual Band Implantable and Wearable Microstrip Antennas for Breast Cancer Detection Application	Monika Mathur	Electronics & Communication	2020	2,40,000	1 Year	TEQIP III RTU, Kota (CRS Project)	Government
Electric powered fertilizer spreading machine	Chandan Kumar	Mechanical Engineering	2020	2,40,000	1 Year	TEQIP III RTU, Kota (CRS Project)	Government

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Modeling and Simulation of AlGaGaN HEMT based Nanobioseusor for Glucose Detection	Niketa Sharma	Computer Science & Engineering	2020	2,40,000	1 Year	TEQIP III RTU, Kota (CRS Project)	Government
International Conference on Emerging Technologies in Computer Engineering: Machine learning and Internet of Things	C.M. Choudhary	Computer Science & Engineering	2020	5,00,000	2 Days	AICTE, New Delhi	Government
International Conference on Communication and Intelligent Systems	Mukesh Kumar Gupta	Computer Science & Engineering	2020	5,00,000	2 Days	RTU (ATU) TEQIP III	Government
FDP on Data Analytics for Engineers and researchers	Om Ji Shukla, Manoj Kumar Sain	Mechanical Engineering	2020	4,00,000	5 Days	RTU (ATU) TEQIP III	Government
International Conference on Emerging Technologies in Computer Engineering, Microservices in Big Data Analytics	Anil Choudhary	Information Technology	2019	70,000	2 Days	DST, Rajasthan	Government
International Workshop on Big data Analytics using HANDOOP and Spark A Practical Approach	C.M. Choudhary	Computer Science & Engineering	2019	70,000	2 Days	DST, Rajasthan	Government
FDP-Faculty Development Program on IOT Education Canvas	Anil Choudhary	Information Technology	2019	4,82,000	2 Week	AICTE, New Delhi	Government
Workshop on IPR Awareness and Training Program	Savita Choudhary	Management Studies	2019	70,000	1 Day	DST, Rajasthan	Government
GOC Grant for Organizing Conference	C.M. Choudhary	Computer Science & Engineering	2019	5,00,000	2 Days	AICTE, New Delhi	Government
NSS Activities	Ramesh Pachar	Electrical Engineering	2019	45,000	1 Month	PFMS, Raj Govt.	Government
National Workshop on Artificial Intelligence with deep learning	Kiran Rathi	Electronics & Communication	2019	55,000	2 Days	DST, Rajasthan	Government
EICT Academy Joint Programs	Monika Mathur, Rukhsar Zafar, Swati Arora	Electronics & Communication	2019	1,54,000	6 Days	EIC&T Academy	Government

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Smart India Hackathon Innovation & Startup	Mukesh Kumar Gupta	Computer Science & Engineering	2019	15,00,000	2 Days	RTU (ATU) TEQIP III	Government
ISTE/AICTE-ISTE Induction/ Refresher Program on Nanotechnology Recent Advances and Challenges	Praveen Kumar Jain	Electronics & Communication	2019	3,00,000	6 Days	AICTE, New Delhi	Government
FDP on Practical Exposure to Latex Matlab Python & Machine Learning	Mukesh Kumar Gupta	Computer Science & Engineering	2019	4,50,000	5 Days	RTU (ATU) TEQIP III	Government
Expert Lecture on Fabrication and Characterization techniques of Nanomaterials/ Devices	Praveen Kumar Jain	Electronics & Communication	2018	10,530	1 Day	RTU (ATU) TEQIP III	Government
FDP on Recent Advances in Nanoelectronics	Praveen Kumar Jain	Electronics & Communication	2018	5,00,000	5 Days	RTU (ATU) TEQIP III	Government
Project on Home Automation Using PIR sensor	Akash Saxena	Electrical Engineering	2018	15,000	1 Year	DST Rajasthan	Government
Student Project Net Zero Automatic Solar Panel Cleaning Robot	Ankit Vijayvargiya	Electrical Engineering	2018	15,000	1 Year	DST, Rajasthan	Government
Travel Grant for Int. Conf. at ASME Power & Energy Division at Charlotte North Carolina	Ashish Nayyar	Mechanical Engineering	2018	1,20,906	5 Days	DST, Rajasthan	Government
Modernization of Electric Drives and Control Lab (MODROB)	Akash saxena	Electrical Engineering	2018	12,14,000	2 Years	AICTE, New Delhi	Government
MODROB Regular Application	Narendra Bhantiya	Mechanical Engineering	2018	4,00,000	2 Years	AICTE, New Delhi	Government

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MODROBS (Modernization of the Computer Labs)	C.M. Choudhary	Computer Science & Engineering	2018	3,32,000	2 Years	AICTE, New Delhi	Government
National Conference on Development of Smart Cities for better World (NCDSC-2017)	D.K. Sharma	Civil Engineering	2018	30,000	2 Days	DST, Rajasthan	Government
Seminar on Design aspects operation and Control of Smart Grid	Akash Saxena	Electrical Engineering	2018	1,00,000	2 Days	AICTE, New Delhi	Government
FDP on Deep Learning in Big Data Analytics	Mukesh Kumar Gupta	Computer Science & Engineering	2018	6,99,775	2 Weeks	AICTE, New Delhi	Government
Travel Grant for attending International conference on Power Engg. (ICOPE)	Ashish Nayyar	Mechanical Engineering	2018	1,50,000	5 Days	AICTE, New Delhi	Government
AICTE Adjunct Faculty	S.N. Vijayvargiya	Electronics & Communication	2017	6,00,000	6 Months	AICTE, New Delhi	Government

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