



RAJASTHAN TECHNICAL UNIVERSITY

KOTA

ANNUAL **REPORT**
2020 (up to 31st Dec. 2020)



RAJASTHAN TECHNICAL UNIVERSITY

VISION

To achieve academic excellence in Engineering by imparting in depth knowledge to the students, facilitating research activities and cater to the ever changing industrial demands, global and societal needs.

MISSION

- To provide quality engineering education to the students.
- To offer state of art education in engineering.
- To establish Industry Institute Interaction to make students ready for the industrial environment.
- To promote research based projects/activities to develop department as Center of Excellence for Research.





Preamble

Rajasthan Technical University (RTU) was setup in 2006 by Government of Rajasthan to enhance technical education in Rajasthan. The University is situated on Kota-Rawatbhata Road, about 10 Km from Kota Bus Stand and 14 Kms from Kota Railway Station. RTU is an affiliating University. Its affiliated colleges offer the Degree of Bachelor of Technology (B.Tech), Master of Technology (M.Tech), Master of Business Administration (MBA), Master of Computer Applications (MCA), Bachelor of Hotel Management and Catering Technology (BHMCT), Bachelor of Architecture (B.Arch), Master of Architecture (M.Arch).

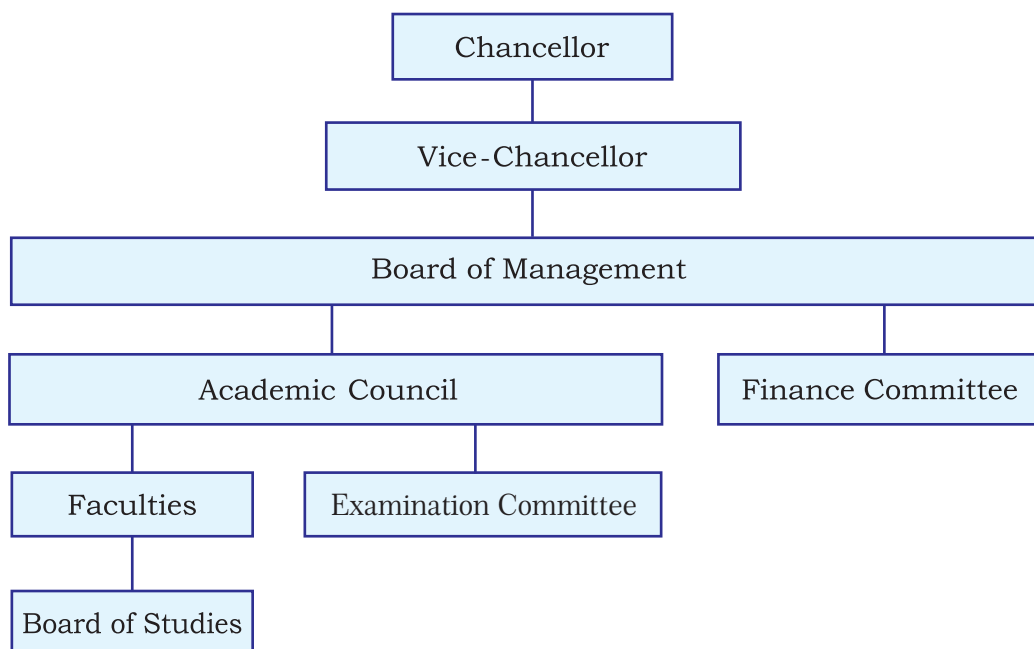
Till 31 December 2020, 92 colleges are running under RTU jurisdiction. B.Tech Degree are offered at 08 government aided institutes and 84 private ones. MBA Degree are offered at 02 government aided institutes and 37 private ones. MCA Degree are offered 16 private institutes. M.Tech. Degree are offered in 28 colleges, BHMCT Degree are offered in 01 college, B.Arch. Degree are offered in 03 colleges, M.Arch. Degree are offered in 01 college. Rajasthan Technical University publishes results of all courses semester wise. For all academic programs of Rajasthan Technical University, the medium of instructions and examinations is English.

As per AICTE curriculum, University has revised the syllabus from academic session 2017-18 and updated till V & VI semester. The scheme and syllabus of VII & VIII semester will be uploaded on website before the commencement of semester classes. University has awarded the Quality Index Value (QIV) to its affiliated institutes for session 2019-20.





Decision Making Bodies of RTU



Faculties of University

S.No.	Name of the Faculty	Board of Studies
1.	Faculty of Engineering and Architecture	15
2.	Faculty of Management Studies	2
3.	Faculty of Computer Applications	1
4.	Faculty of Applied Science	1





राजस्थान तकनीकी विश्वविद्यालय, कोटा

RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Annual Report (2020)



Office of Registrar





Rajasthan Technical University , Kota (BOM Members)

S. No.	Provision	Category	Name	Term
1	22 (a)	Chairman: The Vice Chancellor of the University.	Prof. R. A. Gupta	<i>Ex-officio</i>
	22 (b)	<i>Ex-officio Members:</i> (i) The Secretary to the Government, Finance Department. (ii) The Secretary to the Government, Technical Education Department. (iii) The Director of Technical Education Government of Rajasthan. (iv) The Registrar of the University, Secretary Explanation.- Ex-officio members mentioned at (i) to (ii) shall include their respective nominees who shall not be below the rank of the Deputy Secretary to the Government of Rajasthan.		<i>Ex-officio</i> <i>Ex-officio</i> <i>Ex-officio</i> <i>Ex-officio</i>
	22 (c)	Nominated Members:- (i) two persons nominated by the Vice Chancellor from amongst the Deans for one year. (ii) two persons nominated by the Vice Chancellor from amongst the Deans for one year. (iii) two eminent educationist to be nominated by the Chancellor for three years.	Prof B. P. Suneja Dr. Vivek Pandey Prof. R. S. Meena Prof. S. K. Parashar Sh. Sant Kumar Chudharay Dr. Ravi Juniwal , Hony. Secretary, Apex Group of Institutions, Jaipur	05.08.19 to 04.08.20 07-06-20 to 05-07-21 06-07-20 to 05-07-21 06-07-20 to 05-07-21 28.12.18 to 27.12.21 20.01.20 to 19.01.23
		(iv) two Principal of affiliated colleges, one from Government colleges and another from Private colleges to be nominated by the State Government for one year. (V) two members of State Legislature to be nominated by the Speaker for three years and (vi) Two eminent educationists to be nominated by the State Government for three years.	Dr. Ravi Gupta Govt. Engg. College, Bharatpur Dr. Ramesh Pachar, S.K.I.T. College Jaipur Sh. Ram Narayan Meena Sh. Pana Chand Meghwal Sh. A. A. Hanfi, Rtd. Prof. Prof. Anil K.Mathur, UCE, RTU Kota	05.08.20 to 04.08.21 05.08.20 to 04.08.21 26.12.19 to 25.12.22 27.06.19 to 26.06.22 29.07.19 to 28.07.22 29.07.19 to 28.07.22
	22 (d)	Elected Members:- Two teachers of the Universities or its constituent colleges, if any, who have put in not less than 7 years teaching experience in any institution of Higher Technical Institutions in Rajasthan on 1st January immediately preceding the year in which election are held, other than University Professors, Deans, Directors of the Constituent Colleges to be elected by the teachers of the University and its constituent colleges from amongst themselves for three years.	Dr. Manish Chaturvedi Sh. C.D.Prasad	25.07.19 to 24.07.22 25.07.19 to 24.07.22





Rajasthan Technical University, Kota (Academic Council Members)

S. No	Provision	Category	Name	Term	Remarks
1	24 (i)	Chairman: The Vice Chancellor of the University.	Prof. R. A. Gupta	<i>Ex-officio</i>	
2.	24 (v)	<i>Ex-officio Members:</i> (i) The Secretary to the Government, Technical Education Department.		<i>Ex-officio</i>	
	24 (vi)	(ii) The Director of Technical Education Government of Rajasthan.		<i>Ex-officio</i>	
	24 (xii)	(iii) The Registrar of the University, Member Secretary Explanation.- Ex-officio members mentioned at (i) to (ii) shall include their respective nominees who shall not be below the rank of the Deputy Secretary to the Government of Rajasthan.		<i>Ex-officio</i>	
3.	24(ii)	Dean of Faculties:	Prof. B. P. Suneja Dr. Vivek Pandey Prof. C. P. Gupta Prof. Sanjeev Mishra	06-08-2018 to 05.08.2021 12.03.2020 to 11.03.2021 12.03.2020 to 11.03.2021 06-08-2018 to 05.08.2021	RTU/F(2)/2015/4013-25 dated 30.05.2015 RTU/F(2)/2015/4013-25 dated 30.05.2015
4.	24(1)(iii)	One Prof. from each faculty to be Nominated by the V.C.	Prof. Rajeev Gupta (Engg.) Dr. Manju Nair (MBA) Prof. Manisha Vyas (Applied Sc.) Prof. N. K. Joshi (MCA)	23.07.20 to 22.07.21 06-07-20 to 05-07-21 06-07-20 to 05-07-21 06-07-20 to 05-07-21	F(2)Vol.II/Appt/1 8/5695-711 dated 23.07.2019 F(2)Vol.II/Appt/1 9/3939-61 dated 27.06.19
5.	24(1)(iv)	One Principal/Director of a Constitute College to be nominated by the V.C.	Prof. Anil K. Mathur	12.06.20 to 11.06.22	
6.	24(vii)	Chairman Board of Studies	Prof. P. K. Agarwal - Chemical Prof. S. K. Rathore - Mech. Prof. J. K. Sharma - Civil Prof. R. S. Meena - E&C Prof. K. S. Mahajani - Arch & T. P Dr. V. P. Singh - Textile Prof. C. P. Gupta - CS & IT Dr. Anupam Bhatnagar - Mining Prof. Sanjeev Mishra - Nano Tech Dr. Brijesh Tripathi - Aeronautical Prof. D. K. Palwalia - Electrical Dr. A. K. Chaturvedi - BHMCT Prof. R. Shringi - MBA Prof. S. C. Jain - MCA Prof. Diwakar Sharma - Applied Science Prof. A. K. Dwivedi - Petroleum Prof. Sanjay Kumar Jain - Agriculture Prof. Sanjay Bansal - Ceramic Prof. Sanjeev Mishra - Renewable Energy Dr. Lalit Guglani - Plastic Technology	As per Director Acad. record	As per Director Acad. record
7.	24(1)(viii)	Two Principals of affiliated colleges, one from Govt. Colleges and another from Private Colleges, to be nominated by the State Govt.	Sh. Kartar Singh, Principal Govt. Engg. College Jhalawar Dr. Shabir Khan, Principal Mahatma Gandhi Engg. College, Jaipur	29-07-19 to 28-07-21 29-07-19 to 28-07-21	
8.	24(1)(ix)	Two persons having special attainment in field, of the studies not being employees of the University. One to be Nominated by the Chancellor and the other by the state Govt.	Dr. Ram Prakash Tiwari Prof. K. R. Niazi, 3 Mirji ka bag, Main Building, S.C.Road, Jaipur-3020001	28.05.20 to 27.05.22 29-07-19 to 28-07-21	
9.	24(1)(x)	One teacher other than the Professors, from a Constitutes college or University Department having a minimum ten years Exp. in teaching degree or post graduate classes to be nominated by the V.C.	Dr. Brijesh Tripathi	06.07.20 to 05.07.21	





List of Deans, Rajasthan Technical University Kota

S.No.	Name	Designation	Address
1.	Prof. A. K. Mathur	Dean Faculty Affairs	Professor, Civil Engg. Deptt. UD. RTU
2.	Prof. D. K. Palwalia	Dean. Academic Affair & IPR Cell	Professor, Elct. Engg. Deptt. UD. RTU
3.	Prof. Sanjeev Mishra	Dean, Management & BHMCT	Professor, Mech. Engg. Deptt. UD. RTU
4.	Prof. Vivek Pandey	Dean, Applied Science	Professor, HEAS Deptt. UD. RTU
5.	Prof. B. P. Suneja	Dean, FOEA	Professor, Civil Engg. Deptt. UD. RTU
6.	Prof. Sandeep Parashar	Dean, Research	Professor, Mech. Engg. Deptt. UD. RTU
7.	Prof. Rohitashwa Shringi	Dean, Student Welfare	Professor, Mech. Engg. Deptt. UD. RTU
8.	Prof. C. P. Gupta	Dean, MCA	Professor, Computer Sc. Deptt. UD. RTU
9.	Prof. Ranjan Maheshwari	Dean IIIIR	Professor, Electro. Deptt. UD. RTU

List of Officers, Rajasthan Technical University Kota

S.No.	Name	Designation	Address
1.	Sh. Naresh Malav	Registrar	Registrar, Office, RTU, Kota
2.	Sh. Rakesh Bhartiya	Finance Comptroller	Finance Deptt., RTU, Kota
3.	Dr. Saket Mathur	Estate Officer	Estate Deptt. , RTU, Kota
4.	Dr. Deepak Bhatia	Web Master, IT Nodal Officer	Electronics Engg. Deptt., RTU, Kota
5.	Dr. Santosh Sharma	OIC Telephone	Electricsl Engg. Deptt. RTU, Kota





RAJASTHAN TECHNICAL UNIVERSITY, KOTA (RAJ.)				
VACANT POST IN TEACHING CADRE (As On 31.12.20)				
S.No.	Name of Post	Sanction	Working	Vacant
A	PROFESSOR*: (37)			
1	AERONAUTICAL	1	0	1
2	CIVIL	6	3	3
3	MECHNICAL	5	2	3
4	P&I	1	0	1
5	PETROLEUM	1	0	1
6	ELECTRICAL	5	1	4
7	EC & COMM.	3	2	1
8	COMPUTER	3	1	2
9	INSTR. & CONTROL	1	0	1
10	NANO TECHNOLOGY	1	1	0
11	PETRO CHEMICAL	1	0	1
12	CENTER RENEWABLE ENERGY	1	0	1
13	INFORMATION TECHNOLOGY	1	0	1
14	MBA	1	0	1
15	PHYSICS	1	0	1
16	CHEMISTRY	1	0	1
17	MATHS	1	0	1
18	ENGLISH	1	0	1
19	HUMANITIES	1	0	1
20	PTP	1	0	1
	TOTAL	37	11	26
B	ASSO.PROFESSOR*: (68)			
1	AERONAUTICAL	2	1	1
2	CIVIL	10	4	6
3	MECHNICAL	9	1	8
4	P & I	3	1	2
5	PETROLEUM	4	0	4
6	ELECTRICAL	9	4	5
7	EC & COMM.	5	3	2
8	COMPUTER	5	2	3
9	INSTR. & CONTROL	3	1	2
10	NANO TECHNOLOGY	1	0	1
11	PETRO CHEMICAL	2	0	2
12	CENTER RENEWABLE ENERGY	1	0	1
13	INFORMATION TECHNOLOGY	2	0	2
14	MBA	2	0	2
15	PHYSICS	2	0	2
16	CHEMISTRY	2	1	1
17	MATHS	2	1	1
18	ENGLISH	2	0	2





19	HUMANITIES	2	0	2
	TOTAL	68	19	49
C	ASTT.PROFESSOR*: (156)			
1	AERONAUTICAL	6	6	0
2	CIVIL	18	10	8
3	MECHANICAL	18	8	10
4	P & I	10	5	5
5	PETROLEUM	6	6	0
6	ELECTRICAL	17	10	7
7	EC & COMM.	12	4	8
8	COMPUTER	12	4	8
9	INSTR. & CONTROL	9	4	5
10	NANO TECHNOLOGY	2	2	0
11	PETRO CHEMICAL	5	0	5
12	CENTER RENEWABLE ENERGY	2	0	2
13	INFORMATION TECHNOLOGY	5	0	5
14	MBA	6	0	6
15	PHYSICS	6	1	5
16	CHEMISTRY	6	2	4
17	MATHS	6	2	4
18	ENGLISH	5	2	3
19	HUMANITIES	5	1	4
	TOTAL	156	67	89
D	OTHERS			
1	SPORTS OFFICER	1	1	0
2	LIBRARIAN	1	0	1





राजस्थान तकनीकी विश्वविद्यालय, कोटा (राज.)					
अशैक्षणिक रिक्त पदों की सूचना दिनांक 01.12.2020 तक					
क्र०सं०	पदनाम	Total No. Of Post as on 01-12--2020			
		Sanctioned	Filled	Vacant (3-4)	
1	2	3	4	5	
1	कुलपति	1	1	0	
2	परीक्षा नियन्त्रक	1	0	1	
3	डीन अकादमिक	1	0	1	
4	डीन स्टुडेंट वेलफेयर	1	0	1	
5	कुलसचिव	1	1	0	प्रतिनियुक्ति पद
6	वित्त अधिकारी	1	1	0	प्रतिनियुक्ति पद
7	वरिष्ठ चिकित्सा अधिकारी (महिला रोग विशेषज्ञ)	1	0	1	प्रतिनियुक्ति पद
8	चिकित्सा अधिकारी	1	1	0	प्रतिनियुक्ति पद
9	लेखाधिकारी	2	0	2	प्रतिनियुक्ति पद
10	उप कुलसचिव	4	2	2	
11	सम्पदा अधिकारी	1	1	0	
12	सहायक लेखाधिकारी ग्रेड ।	2	2	0	1 विश्व० का रिक्त
13	सहायक कुलसचिव	11	7	4	
14	निजी सचिव	1	1	0	पदोन्नति पद
15	सीनियर पर्सनल असिस्टेंट	1	1	0	पदोन्नति पद
16	अनुभाग अधिकारी	13	13	0	पदोन्नति पद
17	विधि अधिकारी	1	1	0	प्रतिनियुक्ति पद
18	सहायक लेखाधिकारी ग्रेड ।।	3	3	0	2प्रतिनियुक्ति पद
19	मेल नर्स (ए०एन०एम प्रतिनियुक्ति पर)	1	1	0	प्रतिनियुक्ति पद
20	भण्डार अधिकारी	1	0	1	
21	सहायक सांख्यिकी अधिकारी	1	0	1	
22	कनिष्ठ लेखाकार	4	0	4	
23	निजी सहायक	4	3	1	
24	सहायक अभियन्ता(सिविल)	1	1	0	
25	कनिष्ठ अभियन्ता (विद्युत / सिविल / मैकेनिकल)	3	3	0	3 प्रतिनियुक्ति पर
26	सहायक अनुभाग अधिकारी	8	8	0	
27	आशुलिपिक	5	0	5	
28	सुरक्षा अधिकारी	1	0	1	
29	गेस्ट हाउस मैनेजर	1	0	1	
30	होस्टल सुपरवाइजर	1	1	0	
31	मैस असिस्टेंट	2	2	0	
32	सहायक पीटीआई	1	1	0	
33	वरिष्ठ सहायक	27	18	9	
34	केयर टेकर	3	1	2	





35	कनिष्ठ सहायक	66	6	60	
36	इश्यू असिस्टेंट	1	0	1	
37	तकनीकी सहायक	18	13	5	
38	कंप्यूटर प्रोग्रामर	4	2	2	
39	सिस्टम एनालिस्ट	1	0	1	
40	एनालिस्ट कम प्रोग्रामर	1	0	1	
41	वरिष्ठ तकनीशियन	6	6	0	
42	ड्राफ्ट्समेन	3	3	0	
43	कनिष्ठ तकनीकी सहायक	2	1	1	
44	प्रयोगशाला सहायक	5	5	0	
45	तकनीशियन	32	19	13	
46	ड्राईवर	2	0	2	
47	सूचना सहायक	3	3	0	
48	इलैक्ट्रिशियन ग्रेड- II	5	4	1	
49	कारपेन्टर	2	0	2	
50	मैसन	1	0	1	
51	प्लम्बर	3	2	1	
52	वेल्डर	1	1	0	
53	प्लम्बर कम हेल्पर	2	2	0	
54	प्रयोगशाला अनुचर	33	18	15	
55	फेरोमेन	1	0	1	
56	गार्डनर	4	1	3	
57	बेलदार	5	4	1	
58	चपरासी	39	9	30	
59	चौकीदार	6	2	4	
60	बुकलिफ्टर	3	1	2	
61	लाईब्रेरी अटेंडेंट	2	1	1	
62	जलधारी	3	1	2	
63	डुप्लीमशीन आपरेटर	1	1	0	
64	साईकिल सवार	2	0	2	
65	पम्प बॉय	1	1	0	
66	मेडिकल अटेंडेंट	1	1	0	
67	महिला परिचायिका	2	0	2	
68	सफाई कर्मचारी	4	3	1	
69	सेरिमिक टेक्नोलोजिस्ट	1	0	1	
70	रिसर्च ऑफिसर	1	0	1	
71	सीनियर केमिस्ट	1	0	1	
72	जूनियर एनालिस्टिकल असि0	2	0	2	
	कुल योग:-	381	184	197	



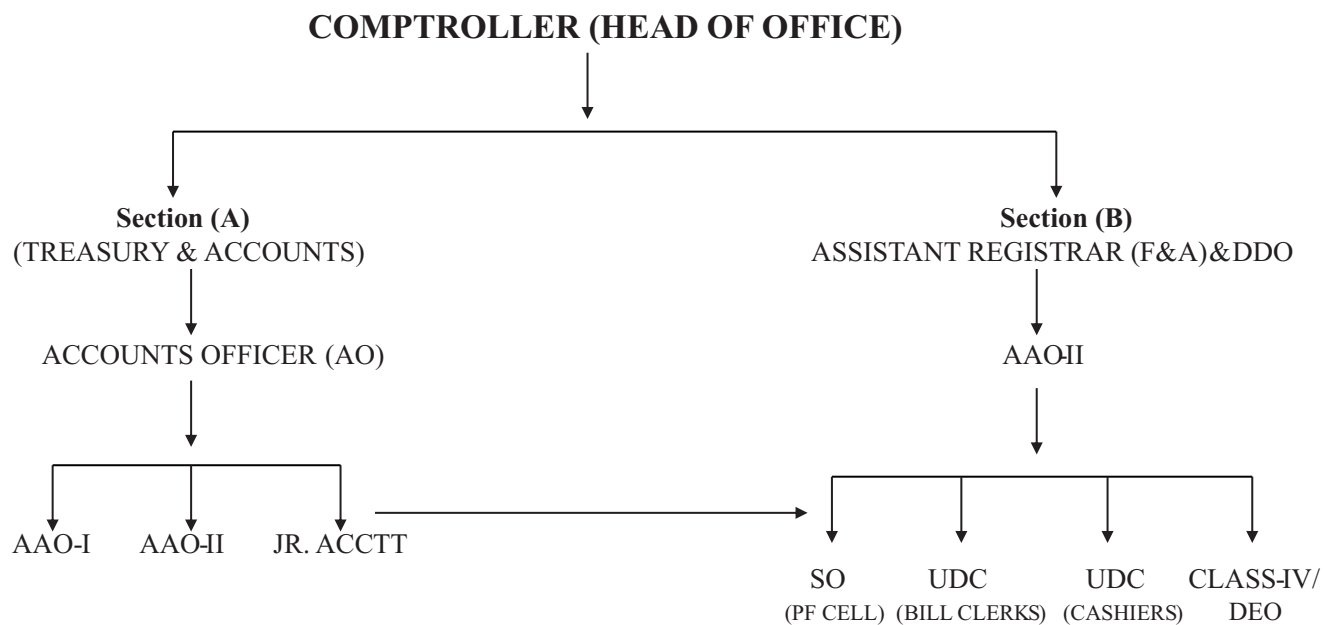


फोरमेन	1	1	0
गार्डनर	4	1	3
बेलदार	5	4	1
चपरासी	39	10	29
चौकीदार	6	2	4
बुकलिफ्टर	3	1	2
लाईब्रेरी अटेंडेंट	2	1	1
जलधारी	3	1	2
डुप्लीमशीन आपरेटर	1	1	0
साईकिल सवार	2	0	2
महिला परिचायिका	2	1	1
सफाई कर्मचारी	4	3	1
कुल योग:-	72	26	46





FINANCE AND ACCOUNTS DEPARTMENT





ADMINISTRATIVE SETUP OF THE FINANCE & ACCOUNTS OFFICE
(DURING 2019-20)

S. No	Name of Officers/staff	Designation
1.	Smt. Sunita Daga, RAS	Comptroller (Up to July, 2019)
2.	Dr. Suresh Chandra Sharma, RAcS	Comptroller (Up to 24.11.2019)
3.	Shri Rakesh Bhartiya RAcS	Comptroller (From 25.11.2019 onwards)
4.	Shri Manoj Kumar Jangid	Assistant Registrar (F&A) & DDO
5.	Shri Bhagwan Gupta	AAQI
6.	Shri Hanuman Gupta	AAQI
7.	Shri Ramswaroop Verma	AAQII
8.	Shri Karan Singh Gurjar	AAQII
9.	Shri J P Gupta	Section Officer (PF Cell)
10.	Shri R P Mahawar	Sr. Assistant (Cashier-II, Receipts)
11.	Shri C L Sen	Sr. Assistant (Auditor)
12.	Shri Surendra Sharma	Sr. Assistant (Cashier-I, Payments)
13.	Shri D K Mehrotra	Technician
14.	Shri Nand Kisore Suman	Jr. Assistant-II
15.	Shri Shyam Lal Meena	Class-IV
16.	Shri Rajesh	Class-IV





DETAILS OF MEETINGS OF FINANCE COMMITTEE
HELD UP TO 2019-20

S. No.	FC Meeting	Date on which held
1	I	27.04.2007
2	II	26.03.2008
3	III	13.03.2009
4	IV	30.03.2010
5	Special	23.06.2010
6	V	07.03.2011
7	VI	10.08.2011
8	VII	28.01.2012
9	VIII	16.08.2012
10	IX	16.02.2013
11	X	17.08.2013
12	XI	26.02.2014
13	XII	28.06.2014
14	XIII	31.03.2015
15	XIV	29.05.2015
16	XV	18.03.2016
17	XVI	06.03.2017
18	XVII	17.03.2018
19	XVIII	28.03.2019
20	XIX	01.10.2019
21	XX	25.02.2020





FINANCIAL REPORT

- **PREFACE:** - Rajasthan Technical University is engaged in teaching, research and specialized program of technical studies aimed to disseminate, create, preserve and generate the knowledge in the field of technical education for the advancement of country and mankind. It also grants affiliation to the colleges and institutions which are running courses such as Ph.D., M.Tech., B.Tech, MBA, MCA, B. Arch, BHMCT located in Rajasthan in accordance with provision laid down in RTU Act, 2006. The university has its university departments namely University Department (UD), Kota (Formally known as University College of Engineering, Kota / Engineering College, Kota) located in its premises and seven Govt. engineering colleges i.e. Bharatpur, Bhilwara, Jhalawar, Banswara, Baran, Dholpur and Karoli are also affiliated to the University.

The Rajasthan Technical University conducts examinations for courses being run by the affiliated colleges/constituent college twice in a year. The University college of Engineering, Kota has hostel facility for both male & female students separately along with a central library. It also has separate laboratories for each departments of engineering and common facilities such as health centre, shopping centre, placement cell, sports office, chief proctor, guest house and conference hall etc.

State Government has sanctioned a block grant of Rs. 500.00 Lakhs in the year 2019-20 for Salary Expenses. However, looking to the financial position of university, only token grant Rs 0.01 lakhs were sanctioned under Plan head by Government and therefore, almost expenses i.e. revenue & capital expenditure is being incurred from the university income.

On approval of Finance Committee (FC) & Board of Management (BOM), the university utilizes its own income including Development fee for establishment and development purposes mainly on the items given below :-

1. On conducting exam (including recurring and non-recurring)
2. For construction of new building, repair & maintenances work
3. Payment of Salary, Transportation of staff and guests
4. Automation of accounting system
5. Student's activities & sports etc.
6. Faculty development, conference, meetings and workshop etc.
7. Procurement of lab equipments, furniture, office equipments etc.
8. Acquisition of books & journals
9. Purchase of furniture, equipment, machinery, software & other office aids
10. Contractual services such as security service, cleaning, AMC and hiring of data entry operator (Machine with man) etc





REVISED ESTIMATE FOR F.Y. 2019-20 AND BUDGET ESTIMATE FOR F.Y. 2020-21

- **Financial Management:** - The University is making every effort to effect necessary curtailment in the expenditure under various heads by adopting economy measures related to financial economy as per instruction of State Government/MOU executed between RTU & State Government thereof. For better fund management, the university has generated an interest income of Rs. 2876.25 lakhs up to 31.03.2020 with revised estimate of Rs 2700.00 lakhs for 2019-20 depending upon the interest rate scenario as well as availability of unspent fund.
- **New Pension Scheme:** - The University has adopted the new pension scheme w.e.f 01.01.2004 as applicable to the State Govt. employees appointed on or after 01.01.2004. Registration of the University has been done by NSDL and PRAN No. of the almost employees have been allotted up to 2019-20 and the contribution of the employees and employer share are being regularly deposited with the new pension fund as per rules and regulation prescribed by the State Government.
- **Staff Welfare Fund:** - The University has created a corpus fund for providing financial assistance/support to the poor/needly members of staff of the university. Certain percentage of remuneration to be given to the examiners/evaluators of answer books contributes towards this fund. The rules for management of this fund have been framed and approved by the BOM/Staff Welfare Society has been got registered under the society Act & a bank account has been opened in PNB RTU branch separately so as to run welfare activities as per rules.
- **Medi-Claim Policy:** - Scheme of Mediclaim policy has been adopted by the University from F.Y. 2013-14 at par that of undertaken by the State Govt. for the new appointments made on or after 01-01-2004. The renewal of the said policy for the F.Y. 2019-20 has been made for all eligible employees on due date.
- **Gratuity and Leave Encashment Fund:** - A trust has been framed & accordingly a corpus fund has been created by the RTU & entrusted to LIC of India for managing the fund properly so as to ensure timely payment to the retired employees of RTU at par that of applicable to the employees of State Government as per gratuity and leave encashment rules.





OWN INCOME & EXPENDITURE AT A GLANCE:-

Rs. In lacks

BUDGET YEARS	INCOME	EXPENDITURE	REMARKS
Actual 2018-19	9840.55	7082.64	-
Revised Estimates 2019-20	9209.82	9594.03	Out of the RE 2019-20, Rs. 400 lacks is sanctioned by FC to be utilised from surplus/corpus fund of university.
Budget Estimates 2020-21	8895.82	10894.51	Out of the BE 2020-21, Rs. 2000 lacks is sanctioned by FC to be utilised from surplus/corpus fund of university.

- Computerization of accounting systems:** - Computerization of accounting system in RTU is the urgent need of the hour & double entry system has become necessary to reflect the accurate status of receipts & expenditure of RTU. Hence, an MOU had been executed between RTU, Kota & M/s ITI Limited, New Delhi (a Govt. of India undertaking). Accordingly, from the F.Y. 2015-16, the IUMS software provided by M/s ITI Limited, New Delhi has been started for maintaining the books of accounts on double entry system. All 4 modules (Finance, Budget, Payroll and PF management) are working satisfactorily. All the payments to the respective vendors/firms/contractors etc are being made through NEFT/RTGS.
- On line receipt through payment Gateway:** - RTU has started on line collection of exam & other fee since 2013. An MOU has been signed with Bill Desk (India Ideas.Com, Ltd.) to collect the various fee on line through payment gateway system so as to ensure transparency, accuracy as well as to provide payment facility i.e. cash free transactions to the affiliated colleges.
- Audit of Books of Accounts:** - Books of accounts of RTU are being audited by the AG and CA regularly. AG Audit up to F.Y. 2018-19 and CA Audit up to F.Y. 2018-19 have been completed. CA audit for the F.Y. 2019-20 are under process and likely to be completed very soon. It is worthy to note here that almost 80% of audit Para's (up to AG Audit 2015-16) related to earlier audit reports have been dropped by the AG on the basis of effective as well as concrete compliance submitted by the RTU and compliances for the another years are being sent regularly to AG for disposing the audit Para's.

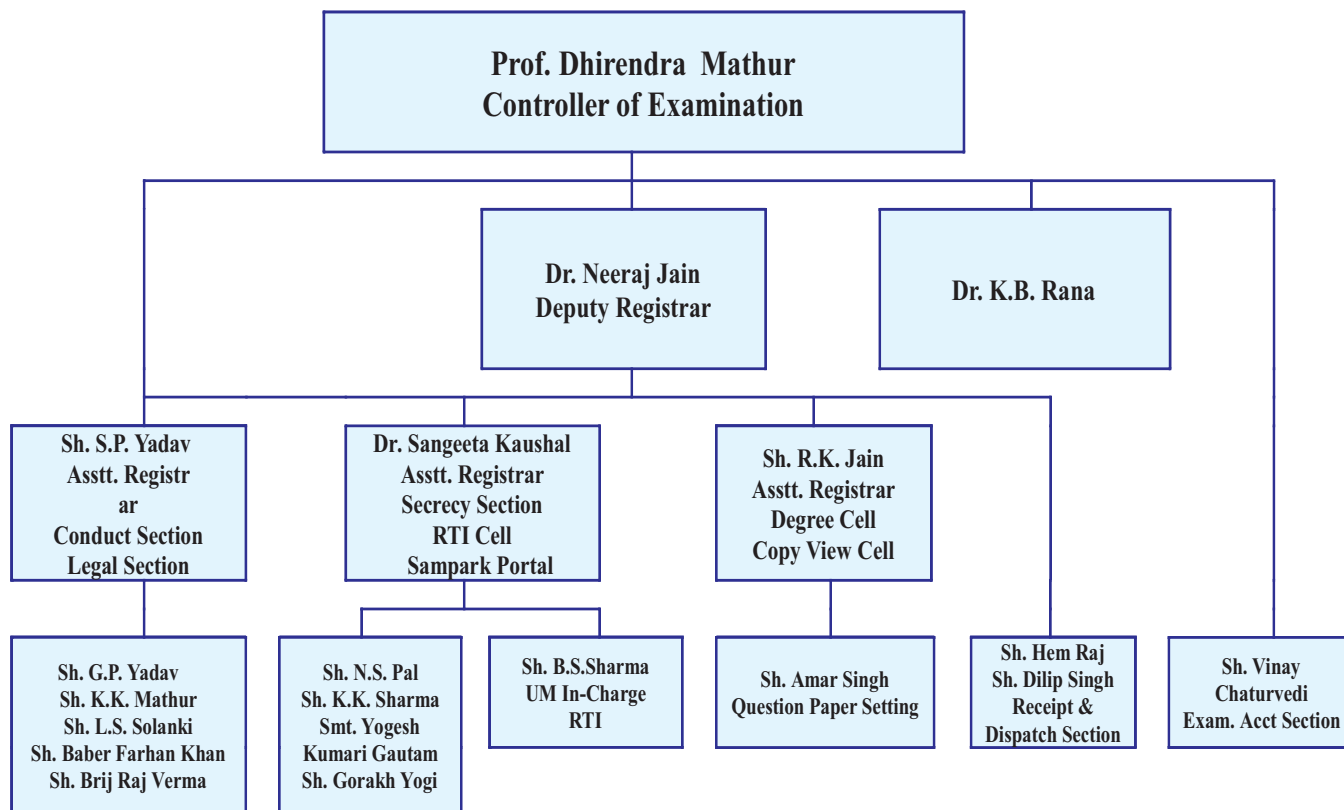




OFFICE OF CONTROLLER OF EXAMINATION

STAFF TREE OF EXAMINATION WING

RAJASTHAN TECHNICAL UNIVERSITY, KOTA





Conduct & Enrollment:

With regard to Enrollment, RTU has adopted central checking system of documents for students admitted in different courses. College representatives were called on a fixed schedule along with original documents of admitted students. The documents were checked and returned back after checking of eligibility. The process of checking is completed as per previously announced schedule. Due to this activity original documents of students are not retained by University and there is no inconvenience to students for the same. All examinations are convened as per schedule and we strictly adhere the Academic Calendar of RTU.

Summary of Enrollment :-

S. No.	Discipline	2008 -09	2009 -10	2010 -11	2011 -12	2012 -13	2013 -14	2014 -15	2015 -16	2016 -17	2017 -18	2018 -19	2019 -20
1	Engineering	25244	30145	33423	34072	36676	34692	30954	26083	22661	19193	10648	7759
2	MBA	5818	5260	4546	4081	2689	2229	2497	2044	2128	2163	1309	1390
3	MCA	1068	1304	1884	2223	1941	1550	1279	660	973	837	747	21
4	BHMCT	180	155	127	86	48	57	53	5	23	00	23	00
5	M.Tech.	363	683	984	1260	1206	1418	1613	1167	934	1037	518	14
6	B.Arch.	111	138	151	164	172	233	233	199	211	186	180	158
7	MAM	00	00	00	00	00	33	62	51	00	00	0	00
8	M.Arch.	00	00	00	00	00	5	7	5	10	05	4	4
9	Ph.D	00	2	2	10	62	48	00	00	00	100	94	00
10	TOTAL	32784	37687	41117	41896	42794	40265	36698	30214	26940	23521	13523	9346

Secrecy:

Constant efforts are being made to improve the quality of setting of question papers, examination process, evaluation of answer books and the quality of result preparation. Answer books of main examination and revaluation are being got evaluated through Central Evaluation System. For this purpose, 14 Central Evaluation Centers and 4 Coordinators are established/appointed covering most of the Geographical area of State, so that evaluators from all part of Rajasthan state may utilized for evaluation work. For uniform evaluation of answer books, answer keys of question papers are being provided to evaluators.

RTU is working on hundred percent confidential evaluation system. In this system all answer books are collected centrally at one premise and foil of cover page bearing roll number detail of student is tear out and a unique confidential number is putting on the front page of answer book. During the whole evaluation process, the detail of confidential code and Roll. No. is kept in most confidential mode. Evaluator of answer book cannot know the roll number and college detail of student. We are declaring all results well in time including Revaluation





results. All results including revaluations are declared before the filling up of examination forms of next semester, so that clarity of back papers is available with students.

Summary of Central Evaluation Centers & Coordinators for Evaluation of Answer-Books

S.No.	City	Name of Centre Evaluation Centre
1	Kota	Rajasthan Technical University, Rawat Bhata Road, Kota (Rajasthan)
2	Jaipur	Shankara Instt. of Tech., Jaipur
3	Jaipur	Technical Education Bhawan, Kaithan Poloytenical College, Jaipur (Raj.)
4	Jaipur	Global Institute of Technology, Sitapura, Jaipur(Raj.)
5	Bhilwara	MLVT Engineering College, Pur Road, Bhilwara, (Raj.)
6	Alwar	Modern Institute of Technology & Research Centre, Alwar (Raj.)
7	Sikar	Sobhasaria Engineering College , Gokulpura Road, NH-12 Sikar Jaipur Road Sikar (Raj.)
8	Bikaner	Govt. Engineering College, Bikaner, Karni Industrial Area, Pugal Road, Bikaner (Raj.)
9	Bikaner	College of Engineering & Technology, Bikaner
10	Pilani	B.K Birla Institute of Engineering & Technology, Pilani, (Raj.)
11	Jodhpur	Jodhpur Institute of Engineering & Technology, Jodhpur (Raj.)
13	Udaipur	Aravali Institute of Technical Studies, Udaipur
14	Bharatpur	Govt. Engg. College, Bharatpur

Receipt of online applications and payment through online portal:-

For hassle free work and minimize the number of students to approach at RTU campus for different activities viz. document preparation, correction in record etc. RTU has started receipt of online applications and payment through online portal from 19.3.2020. At this online portal, we have uploaded most of the forms and their details. After preparation of documents these are being dispatched to respective home address or college. In case of urgency, Soft copy of the document is also provided at given Email. Due to this activity, we could minimize the visit of students at RTU campus and could save precious time and money of students.





Receipt of online applications at online portal.

S. No.	Document	No. of Application
1	Consolidate Marksheet & Provisional Certificate	286
2	Duplicate Marksheet	170
3	Migration Certificate	71
4	Transcript	115
5	Duplicate Provisional Certificate	22
6	Correction in final Degree	9
7	Verification documents and Degree through agency	51
8	Correction Marksheets	20
9	Attestation of documents and Degree through students	53
10	Name correction in Marksheets	20

RTU E-Buddy App:-

We have also launched a Mobile App in the name of RTU E-Buddy. With the help of this App student can track the status of his online Application.

Collection and dispatch of documents through post Activity:-

For hassle free work and minimize the number of students to approach RTU for different activities viz. document preparation, correction in record etc. RTU has uploaded most of the proformas and their detail at RTU website and encourage sending the details through post and after preparing the documents, these are being dispatched to respective home address or college.

Summary of Documents Send to Home addresses Received through Post during the Year 201 9-20

S. No.	Document	No. of Applications
1	Consolidate Marksheet & Provisional Certificate	1150
2	Duplicate Marksheet	925
3	Migration Certificate	178
	Total	2253





Summary of Documents Prepared at Single window and Help Line Facility of RTU :

For the help of colleges and students, dedicated help line has been established, for online activity support mobile no. 9571213674 and for offline activity support landline no. 0744-2473861(for Secy.) and 2473931(for conduct) is available during working hours. Even, a dedicated single window is also opened for providing all support and information at one request.

B. TECH CONSOLIDATE / PROVISIONAL/ MIGRATION			
TOTAL	CONS=6406	PROV.=6406	MIG.=5819

B.TECH MARKSHEET	
TOTAL	DUPLICATE=1286

MBA CONSOLIDATE / PROVISIONAL/ MIGRATION			
TOTAL	CONS=208	PROV.=210	MIG.=181

MBA MARKSHEET	
TOTAL	DUPLICATE=196

MCA CONSOLIDATE / PROVISIONAL/ MIGRATION			
TOTAL	CONS=113	PROV.=113	MIG.=96

MCA MARKSHEET	
TOTAL	DUPLICATE=73

M. TECH CONSOLIDATE / PROVISIONAL/ MIGRATION			
TOTAL	CONS=529	PROV.=529	MIG.=423





M.Tech. Cell:

Keeping the aim of timely and quality assessment of M.Tech. Dissertation, the Oral defense/Viva-voce examination were started centrally at RTU campus w.e.f. 19.06.2015 for all affiliated colleges. Looking to the problems faced by students and increased no. of Viva-voce examinations of M.Tech. Dissertation 10 centres are established for assessment of Oral defence/Viva –voce examination of M.Tech. Dissertation.

Summary of M.Tech. Dissertation Oral defense/Viva-voce examination Conducted at RTU (July-2019 to June-2020)

S.NO.	BRANCH NAME	NO. OF ORAL DEFENSE/VIVA -VOCE EXAMINATION HELD AT RTU
1	Computer Science Engineering	175
2	Control & Instrumentation	07
3	Digital Communications	90
4	Environmental Engineering	10
5	Geotechnical Engineering	15
6	Information Technology	07
7	Machine Design	15
8	Nanotechnology	01
9	Power Electronics and Electrical Drives	09
10	Power Systems	133
11	Production Engineering	62
12	Renewable Energy Technology	11
13	Structural Engineering	50
14	Thermal Engineering	14
15	Transportation Engineering	08
16	Textile Technology	04
17	VLSI Design	34
18	Software Engineering	12
19	Industrial Management & Engineering	02
	TOTAL	659

Copy View:

RTU always gives its emphasis on transparent and student friendly system. To promote more transparency, a unique feature is available namely copy view in the list of activities. After declaration of results, Student are having online option to fill copy view form and can view their answer books on given schedule. Grievances on copy view are being taken and after examining the grievances and answer books, if any mistakes are found, result of candidate(s) got changed accordingly.





Summary of Copy View Activity

S. NO.	COURSE EXAM	Total No. of Answer Books Applied for View Year 2019-20
1	B.TECH RTU	928
2	B.TECH UD	14
3	M.TECH	13
4	MBA	7
5	MCA	5
6	B.ARCH	3
7	M.ARCH	--
8	MERCY BACK	--
	TOTAL	970

One View Programme:

For the purpose of employment, higher education etc. most of the organizations are interested to view the database of RTU students at one click. To cater the requirement of different bodies and even students also, RTU has made available the complete data of each student at RTU website in the link of one view programme. This is a Unique feature and very much helpful for locating the past data of student at one click.





Degree:

Apart from all constraints with regard to availability of meager staff position and insufficient infrastructure, RTU is committed to provide degrees well in time to its pass out batches. We have hold 9 Convocations in line and 10th Convocation is likely to be held soon. There is no pendency of degrees and we have conferred degrees to such students who have completed their programme up to 30.04.18.

IX CONVOCATION (Held on 19 Aug,2019)

S.No.	Course	No. of Degrees conferred to students	No. of Gold Medals awarded
1	B.B.A	32	
2	B.TECH	22264	20
3	B.Arch	179	1
4	BHMCT	16	1
5	MBA	1552	1
6	MCA	871	1
7	M.Tech	643	
8	M.Arch.	8	
9	Ph.D	15	
	TOTAL	25580	24

RAJASTHAN TECHNICAL UNIVERSITY, KOTA NINTH CONVOCATION HON'BLE CHANCELLOR GOLD MEDAL

ENROLLMENT NO.	MERIT NO./RANK	STUDENT NAME	FATHER'S NAME	COLLEGE NAME	COURSE NAME	PASS IN YEAR	MAX. MARKS	MARKS OBTAINED	PERCENTAGE	DIVISION
16E2UCSTF40P617	1	SWATI VIJAY	OM PRAKASH VIJAY	UNIVERSITY COLLEGE OF ENGINEERING, KOTA	STRUCTURAL ENGINEERING	2018	2200	1918	87.18	HONOURS

RAJASTHAN TECHNICAL UNIVERSITY, KOTA NINTH CONVOCATION HON'BLE VICE CHANCELLOR'S GOLD MEDAL

ENROLLMENT NO.	MERIT NO./RANK	STUDENT NAME	FATHER'S NAME	COLLEGE NAME	BRANCH NAME	PASS IN YEAR	MAXIMUM MARKS	MARKS OBTAINED	PERCENTAGE	DIVISION
14E1LDEEF40P025	1	JAYA MITTAL	PRADEEP MITTAL	LAXMI DEVI INSTITUTE OF ENGINEERING & TECHNOLOGY, ALWAR	ELECTRICAL ENGINEERING	2018	8000	7033	87.91	HONOURS





Office of Dean Academic Affairs

List of Under Graduate courses offered by University

Bachelor of Technology (B.Tech)	
SN	Name of Branch/Program
1	Aeronautical Engineering
2	Agriculture Engineering
3	Automobile Engineering
4	Civil Engineering
5	Chemical Engineering
6	Ceramic Engineering
7	Computer Science & Engineering
8	Electronics & Communication Engineering
9	Electrical Engineering
10	Electrical& Electronics Engineering
11	Electronics Instrumentation & Control Engineering
12	Information Technology
13	Industrial Engineering
14	Mechanical Engineering
15	Mechatronics
16	Mining Engineering
17	Petrochemical Engineering
18	Petroleum Engineering
19	Production and Industrial Engineering
20	Textile Chemistry
21	Textile Engineering
22	Textile Technology
Other courses	
1	Bachelor of Architecture (B.Arch.)
2	Bachelor of Hotel Management & Catering Technology (BHMCT)





List of Post Graduate Courses Offered by University

Master of Technology (M.Tech.)	
SN	Name of Branch/Programme
1	Control & Instrumentation
2	Computer Science & Engineering
3	Digital communications
4	Environmental Engineering
5	Geo technical Engineering
6	Industrial Management & Engineering
7	Information Technology
8	Machine Design
9	Nano -Technology (Electro Mechanical)
10	Nano -Technology (Structure)
11	Nano -Technology (Chemical)
12	Nano -Technology (Textile)
13	Production Engineering
14	Renewable Energy Technology
15	Power Systems
16	Software Engineering
17	Structural Engineering
18	Textile Technology
19	Thermal Engineering
20	Transportation Engineering
21	VLSI Design
22	Power Electronics & Electrical Drives
a. Master of Architecture (M.Arch.)	
1	Urban Design
b. Master of Business Administration (MBA)	
c. Master of Computer Applications (MCA)	





List of Areas of Ph.D Programs Offered by University	
SN	Name of Branch/Programme
1	Engineering
2	Management
3	Computer Applications





Details of Institute Running Under RTU, Kota for the session 2019-20

S.No	Program	Total No. of Institute	No. of Program (I and II Shift)	Running Program in		Government No. of Institute	Private No. of Institute	Intake Capacity of Govt. Institutes	Intake Capacity of Private Institutes	Total Intake Capacity of All Institutes
				I	II					
1	B.Tech.	64	73	64	9	8	56	2576	20767	23343
2	M.Tech.	28	32	28	4	2	26	234	1316	1550
3	MBA	37	38	37	1	2	35	90	2475	2565
4	MCA	16	17	16	1	0	16	0	1230	1230
5	BHMCT	1	1	1	0	0	1	0	60	60
6	B.Arch.	3	3	3	0	0	3	0	180	180
7	M.Arch.	1	1	1	0	0	1	0	20	20
Total		92	104	92	12	8	84	2900	26048	28948





Tentative list of Engineering Colleges running under the Jurisdiction of RTU, Kota for academic session 2019-20

SN	NAME OF INSTITUTES	ADDRESS	SHIFT	B.Tech.	M.Tech.	Remarks	TOTAL INTAKE
1	Advait Vedanta Institute of Technology	Adved Knowledge Park Kanota-Sambhariya Road Village Gangarampura Tehsil-Bassi Dist. Jaipur-303903	1	B.Tech.		No Admission Category	0
2	Anand International College of Engineering	814, Near Kanota Agra Road Jaipur-303012	1	B.Tech.			300
3	Apex Institute of Engineering & Technology	ISI-5 RIICO Institutional Area Sitapura Jaipur-302022	1	B.Tech.			180
4	Apex Institute of Engineering & Technology	ISI-5, RIICO Institutional Area, Sitapura, Jaipur-302022	2		M.Tech.		60
5	Aravali Institute Of Technical Studies	Umarada Railway Station Udaipur-313015	1	B.Tech.	M.Tech.		444
6	Arya College of Engineering & Information Technology	SP-42 Kukas Industrial Area (RIICO) Delhi Road Kukas Jaipur-302028	1	B.Tech.	M.Tech.		654
7	Arya College of Engineering & Information Technology	SP-42, Kukas Industrial Area (RIICO), Delhi Road, Kukas, Jaipur-302028	2	B.Tech.			60
8	Arya College of Engineering & Research Centre	SP-40 Kukas Industrial Area (RIICO) Kukas Jaipur-302028	1	B.Tech.	M.Tech.		348
9	Arya Institute of Engineering Technology & Management	F-29 Omaxe City Phase-II Jaipur Ajmer Express Highway Jaipur Rajasthan-302026	1	B.Tech.			300
10	Arya Institute of Engineering & Technology	SP-40 Kukas Industrial Area (RIICO) Kukas Jaipur-302028	1	B.Tech.	M.Tech.		618
11	Asians Institute of Technology	Post-Luhara, Tahsil-Neewai, Tonk-304019	1	B.Tech.			360
12	Bal Krishna Institute of Technology	IPC-15 RIICO Institutional Area Ranpur Kota Rajasthan-324005	1	B.Tech.			165
13	Baldev Ram Mirdha Institute Of Technology (East Campus)	ITS-3 IT Park EPIP Sitapura Jaipur-302022	1	B.Tech.		Non-participation	270
14	Biff & Bright College of Engineering & Technology	Village & Post - Padasoli NH-8 Dudu Distt-Jaipur -303008	1	B.Tech.			210
15	Chandrawati Group of Institutions	NH-11 Opposite Ghana National Park Bharatpur -321001	1	B.Tech.	M.Tech.	Non-participation	276
16	Compucom Institute of Technology & Management	SP-3, 5, 5A, EPIP, RIICO Industrial Area Sitapura Jaipur-302022	1	B.Tech.	M.Tech.		258
17	Dr. Radhakrishnan Institute of Technology	Kalwara Near Mahendra World City (Sez) Ajmer Road Jaipur-302037	1	B.Tech.			330
18	Geetanjali Institute of Technical Studies	Airport Road Dabok, Taluka Mavli, Udaipur-313022	1	B.Tech.	M.Tech.		483
19	Global Institute of Technology	ITS-1 IT Park EPIP Sitapura Jaipur-302022	1	B.Tech.	M.Tech.		1053
20	Global Institute of Technology	ITS-1, IT Park, EPIP, Sitapura, Jaipur-302022	2	B.Tech.	M.Tech.		378
21	Govt. Engineering College	Village-Manchi, Tahsil-Karauli, Near Mega Highway, Karauli-322241	1	B.Tech.			270
22	Govt. Engineering College	Village & Tehsil-Surajpura, Dholpur-328001	1	B.Tech.			270
23	Govt. Engineering College	Govt. Polytechnic College Baran, NH-27, Village-Batavadi, Tehsil-Antah, Baran(Raj.)-325202	1	B.Tech.			240
24	Govt. Engineering College	Behind Mayur Mill Kupda Dungarpur Road Banswara-327001	1	B.Tech.			216
25	Govt. Engineering College	Village Shyorana Near NH-11, Bharatpur-321303	1	B.Tech.			300
26	Govt. Engineering College	Village-Chandlai Sunel Road Tehsil-Jhalarapatan Distt. - Jhalawar-326023	1	B.Tech.			330





Tentative list of Engineering Colleges running under the Jurisdiction of RTU, Kota for academic session 2019-20

SN	NAME OF INSTITUTES	ADDRESS	SHIFT	B.Tech.	M.Tech.	Remarks	TOTAL INTAKE
27	Gurukul Institute of Engineering & Technology	IPB-13 RIICO Institutional Area Ranpur Kota-325003	1	B.Tech.	M.Tech.		498
28	Jagannath Gupta Institute of Engineering & Technology	Plot No. IP-2&3 Phase IV Sitapura Industrial Area Opp. Chokhi Dhani Jaipur-302022	1	B.Tech.			270
29	Jagannath Gupta Institute of Engineering & Technology	Plot No. IP-2&3, Phase IV, Sitapura Industrial Area, Opp. Chokhi Dhani, Jaipur-302022	2	B.Tech.		Non-participation	0
30	Jaipur Engineering College	SP-43 RIICO Industrial Area Kukas Jaipur-303101	1	B.Tech.	M.Tech.		552
31	Jaipur Engineering College & Research Centre	Sri Ram Ki Nangal, Via-Vitika, Opp. EPIP Gate, Tonk Road, Jaipur-302022	1	B.Tech.			870
32	Jaipur Engineering College & Research Centre	Sri Ram Ki Nangal, Via-Vitika, Opp. EPIP Gate, Tonk Road, Jaipur-302022	2	B.Tech.			120
33	Jaipur Institute of Engineering and Management	NH-8 Jaipur - Ajmer Highway Village - Gadota Jaipur-303007	1	B.Tech.			240
34	Jaipur Institute of Technology - Group of Institutions	Newta - Kalwara Road Kalwara Sanganer Distt. - Jaipur -303007	1	B.Tech.	M.Tech.		353
35	Kautilya Institute of Technology & Engineering	ISI-16, RIICO Institutional Complex, Kautilya Circle, Sitapura, Jaipur -302022	1	B.Tech.	M.Tech.		336
36	Kautilya Institute of Technology & Engineering	ISI-16 RIICO Institutional Complex Kautilya Circle Sitapura Jaipur-302022	2	B.Tech.	M.Tech.		138
37	M. L. V. Textile & Engineering College	Pratap Nagar Pur Road Bhilwara--311001	1	B.Tech.	M.Tech.		398
38	Maharani Girls Engineering College	Kalwara Near Mahendra World City (Sez) Ajmer Road Jaipur-302037	1	B.Tech.			105
39	Maharishi Arvind Institute of Engineering & Technology	Sector-7 Madhyam Marg Mansarovar Jaipur-302020	1	B.Tech.	M.Tech.		498
40	Maharishi Arvind Institute of Engineering & Technology	Sector-7, Madhyam Marg, Mansarovar, Jaipur-302020	2	B.Tech.			120
41	Maharishi Arvind International Institute of Technology	IPA-1 RIICO, Institutional Area, Jhalawar Road, Ranpur Kota-325003	1	B.Tech.	M.Tech.		486
42	Maharishi Arvind International Institute of Technology	IPA-1 RIICO, Institutional Area, Jhalawar Road, Ranpur Kota-325003	2	B.Tech.			120
43	Mahatma Gandhi Engineering College	Bada Padampura Road Shivdaspura Tonk Road Jaipur-303903	1	B.Tech.			360
44	Modi Institute of Technology	Nayagaon Rawatbhata Road Post Office-Borabas Kota-324001	1	B.Tech.	M.Tech.		438
45	Nathdwara Institute of Engineering & Technology	Upali Oden Nathdwara Distt. - Rajsamand (Raj.)-313301	1	B.Tech.			150
46	Pacific College of Engineering	P.B. No. 12, Pratap Nagar Extension Airport Road Udaipur-313003	1	B.Tech.			300
47	Pinkcity Engineering College & Research Centre	Gawar Jatan, Sanganer Jaipur-303905	1	B.Tech.			210
48	Poornima College of Engineering	ISI-6 RIICO Institutional Area Goner Road Sitapura Jaipur-302022	1	B.Tech.	M.Tech.		876
49	Poornima Group of Institutions - Faculty of Engineering & Faculty of Management	BT-1 Bio-Technology Park RIICO Sitapura Jaipur-302022	1	B.Tech.			330
50	Poornima Institute of Engineering & Technology	ISI-2 RIICO Institutional Area Goner Road Sitapura Jaipur-302022	1	B.Tech.			540
51	Rajasthan College of Engineering for Women	Bhankrota Ajmer Road Jaipur-302026	1	B.Tech.	M.Tech.		474
52	Rajasthan Engineering College	Somnath Nagar, Ganeshpura Road, Dausa-303303	1	B.Tech.			240





Tentative list of Engineering Colleges running under the Jurisdiction of RTU, Kota for academic session 2019-20

SN	NAME OF INSTITUTES	ADDRESS	SHIFT	B.Tech.	M.Tech.	Remarks	TOTAL INTAKE
53	Rajasthan Institute of Engineering & Technology	Village-Aachoda PO-Samelpura, Chittor-Kota Highway, Chittorgarh-312001	1	B.Tech.			300
54	Rajasthan Institute of Engineering & Technology	Bhankrota Ajmer Road Jaipur-302026	1	B.Tech.	M.Tech.		512
55	Rajasthan Technical University, Kota	Akelgarh Rawatbhata Road Kota-324010	1	B.Tech.	M.Tech.		786
56	Rajdhani Engineering College	Rohini Nagar Phase - I Sanganer Renwal Road Jaipur-303904	1	B.Tech.			240
57	Regional College for Education Research & Technology	ISI-17 RIICO Institutional Area Sitapura Jaipur-302022	1	B.Tech.	M.Tech.		555
58	S. S. College of Engineering	Jamar Kotra Road, Post-Umarda, Panchayat-Kanpur, Udaipur-313001	1	B.Tech.			360
59	S. S. College of Engineering	Jamar Kotra Road, Post-Umarda, Panchayat-Kanpur, Udaipur-313001	2	B.Tech.			60
60	Sawai Madhopur College of Engineering and Technology	Village-Thingla Sawai Madhopur Rajasthan-322001	1	B.Tech.			150
61	Shankara Institute of Technology	SP-44 RIICO Industrial Area Kukas Jaipur-302028	1	B.Tech.			420
62	Shree Bhawani Niketan Institute of Technology & Management	Shree Bhawani Niketan Shiksha Samiti Campus Maharao Shekha Circle, Near Chomu Pulia, Sikar Road, Jaipur-302023	1	B.Tech.			150
63	Shri Digamber Institute of Technology	NH-11, Mitrapura, Bhandarej Mode, Dausa-303501	1	B.Tech.			180
64	Shrinathji Institute of Technology & Engineering	Upali Oden Nathdwara, Rajsamand-313301	1	B.Tech.	M.Tech.		234
65	Sine International Institute of Technology	Balawala -Lakhna Road Via Sanganer Bazar Jaipur-302029	1	B.Tech.		Non-participation	180
66	Sri Balaji College of Engineering & Technology	Village-Macheda, Tehsil-Ajmer, Benad Road Dadi Ka Phatak Jaipur-302013	1	B.Tech.	M.Tech.		150
67	Stani Memorial College of Engineering & Technology	Phagi Jaipur-303005	1	B.Tech.			300
68	Swami Keshwanand Institute of Technology, Management & Gramothan	Ramnagaria Jagatpura Jaipur-302017	1	B.Tech.	M.Tech.		1137
69	Techno India NJR Institute of Technology	Plot-SPL-T Bhamashah Industrial Area Kaladwas Udaipur-313003	1	B.Tech.	M.Tech.		248
70	Vedant College of Engineering & Technology	Village-Tulsi Post-Jhokmund Distt-Bundi -323021	1	B.Tech.	M.Tech.		486
71	Vedic Gurukul Institute of Engineering & Technology	Gram-Pawalia, Tehsil-Sanaganer, Khasra Number-173-180,247,249, Distt.-Jaipur-302014	1	B.Tech.			150
72	Vivekanand Institute of Technology	Sisyawas NRI Road Jagatpura Jaipur-303012	1	B.Tech.			480
73	Yagyavalkya Institute of Technology	IP-1, Phase-IV, RIICO Industrial Area, Sitapura, Tonk Road, Jaipur-302022-302022	1	B.Tech.	M.Tech.		402
74	Yagyavalkya Institute of Technology	IP-1, Phase-IV, RIICO Industrial Area, Sitapura, Tonk Road, Jaipur-302023-302022	2		M.Tech.		18

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Tentative list of MBA Colleges running under the Jurisdiction of RTU, Kota for academic session 2019-20

SN	NAME OF INSTITUTES	ADDRESS	SHIFT	MBA	Remarks	TOTAL INTAKE
1	Aishwarya Institute of Management & Information Technology	1-4D Block, Adarsh Nagar, University Road, Udaipur-313001	1	MBA		30
2	Apex Institute of Management & Science	Sector-5 V. T. Road Mansarovar Jaipur-302020	1	MBA		120
3	Arya College of Engineering & Information Technology	SP-42 Kukas Industrial Area (RIICO) Delhi Road Kukas Jaipur-302028	1	MBA		60
4	Arya Institute of Engineering & Technology	SP-40 Kukas Industrial Area (RIICO) Kukas Jaipur-302028	1	MBA		60
5	Biff & Bright College of Technical Education	Village & Post - Padasoli NH-8 Dudu Distt-Jaipur -303008	1	MBA		60
6	Biyani Institute of Science & Management	R-4 Sector-3 Vidhyadhar Nagar Jaipur -302039	1	MBA		120
7	Biyani Institute of Science & Management**	Sector-3, Vidhyadhar Nagar, Jaipur-302039	2	MBA	Non-participation	0
8	Chandrawati Group of Institutions	NH-11 Opposite Ghana National Park Bharatpur -321001	1	MBA	Non-participation	60
9	Compucom Institute of Technology & Management	SP-3, 5, 5A, EPIP, RIICO Industrial Area Sitapura Jaipur-302022	1	MBA		60
10	Geetanjali Institute of Technical Studies	Airport Road Dabok, Taluka Mavli, Udaipur-313022	1	MBA		60
11	Govt. Engineering College	Village-Chandlai Sunel Road Tehsil-Jhalarapatan Distt. - Jhalawar-326023	1	MBA		30
12	IILM Academy of Higher Learning Jaipur, Campus	35/95 Kumbha Marg RHB Colony Sector-10 Pratap nagar Sanganer Jaipur-302033	1	MBA		30
13	International School of Informatics & Management	Sector-12 Mahaveer Marg Mansarovar Jaipur-302020	1	MBA		120
14	Kautilya Institute of Technology & Engineering	ISI-16, RIICO Institutional Complex, Kautilya Circle, Sitapura, Jaipur -302022	1	MBA		60
15	Khandelwal Vaish Girls Institute of Technology	Hanuman Nagar Block - E Vaishali Nagar Jaipur -302006	1	MBA		60
16	Maharishi Arvind Institute of Engineering & Technology	Sector-7 Madhyam Marg Mansarovar Jaipur-302020	1	MBA		60
17	Maharishi Arvind Institute of Science and Management (PGDM)	Ambabari Circle Ambabari Jaipur-302023	1	MBA		120
18	Maharishi Arvind International Institute of Technology	IPA-1 RIICO, Institutional Area, Jhalawar Road, Ranpur Kota-325003	1	MBA		30
19	Maharishi Arvind School of Management Studies	Sector-2, Kaverapath, Mansarovar, Jaipur-302020	1	MBA		120
20	Modi Institute of Management & Technology	Modi Education Complex Dadabari Extension Kota-324009	1	MBA		120
21	Om Kothari Institute of Management & Research	A-1 Special I.P.I.A. Jhalawar Road Kota-324005	1	MBA		60
22	Pacific Business School	Chitrakoot Nagar Bhuwana Scheme, Phase-1 Udaipur-313001	1	MBA		120
23	Poddar Management and Technical Campus	Gram - Fatehpuravas Vatika, Tehsil Chaksu, Jaipur-303901	1	MBA		108





Tentative list of MBA Colleges running under the Jurisdiction of RTU, Kota for academic session 2019-20

SN	NAME OF INSTITUTES	ADDRESS	SHIFT	MBA	Remarks	TOTAL INTAKE
24	Rajasthan College of Engineering for Women	Bhankrota Ajmer Road Jaipur-302026	1	MBA		60
25	Rajasthan Institute of Engineering & Technology	Bhankrota Ajmer Road Jaipur-302026	1	MBA		45
26	Rajasthan Technical University, Kota	Akelgarh Rawatbhata Road Kota-324010	1	MBA		60
27	Regional College for Education Research & Technology	ISI-17 RIICO Institutional Area Sitapura Jaipur-302022	1	MBA		60
28	S.S. Jain Subodh Management Institute	Sector-5 Shiprapath Mansarovar Jaipur-302020	1	MBA		60
29	Shankara Institute of Management	SP-44 RIICO Industrial Area Kukas Jaipur-302028	1	MBA	Non-participation	45
30	Shankara Institute of Technology	SP-44 RIICO Industrial Area Kukas Jaipur-302028	1	MBA		60
31	Shankara International School of Management & Research	SP-41C RIICO Industrial Area Kukas Jaipur-302028	1	MBA		60
32	Shiv Charan Mathur Institute of Management & Technology	Pathik Nagar Bilwara (Raj.)-311001	1	MBA		54
33	Shrinathji Institute of Technology & Engineering	Upali Oden Nathdwara, Rajsamand-313301	1	MBA		48
34	Sunrise Group of Institution	Near Bari Mata-Mandir, Tehsil-Girwa, Udaipur-313002	1	MBA		90
35	Swami Keshwanand Institute of Technology, Management & Gramothan	Ramnagar Jagatpura Jaipur-302017	1	MBA		60
36	Swami Vivekanand Institute of Management & Technology	Maa Saraswati Campus Near Jatwara Bridge Jaipur - Agra Highway Gothra Tehsil-Bassi Distt-Jaipur-303305	1	MBA	Non-participation	15
37	Tirupati College of Technical Education	#262, Sector-26 Pratap Nagar Sanganer Jaipur-302033	1	MBA		120
38	Vision School of Management	Bojunda, Udaipur Road P. Box No. 23 Chittorgarh-312001	1	MBA		60
						2565

** Affiliation is kept Pending. Matter is Subjudice under Hon'ble High Court, Jaipur regarding Outstanding Fee Dues.





Tentative list of MCA Colleges running under the Jurisdiction of RTU, Kota for academic session 2019-20

SN	NAME OF INSTITUTES	ADDRESS	SHIFT	MCA	Remarks	TOTAL INTAKE
1	Acharya Shree Nanesh Samta Mahavidhyalaya	Nanesh Nagar Danta Tehsil-Kapasan Distt-Chittorgarh-312202	1	MCA		45
2	Aishwarya Institute of Management & Information Technology	1-4D Block, Adarsh Nagar, University Road, Udaipur-313001	1	MCA		45
3	Apex Institute of Management & Science	Sector-5 V. T. Road Mansarovar Jaipur-302020	1	MCA		120
4	Aravali Institute Of Technical Studies	Umarada Railway Station Udaipur-313015	1	MCA		60
5	Biyani Institute of Science & Management	R-4 Sector-3 Vidhyadhar Nagar Jaipur - 302039	1	MCA		30
6	Biyani Institute of Science & Management**	Sector-3, Vidhyadhar Nagar, Jaipur-302039	2	MCA	Non-participation	0
7	Compucom Institute of Information Technology & Management	SP-5 EPIP RIICO Industrial Area Sitapura Jaipur-302022	1	MCA		120
8	Geetanjali Institute of Technical Studies	Airport Road Dabok, Taluka Mavli, Udaipur-313022	1	MCA		45
9	International School of Informatics & Management	Sector-12 Mahaveer Marg Mansarovar Jaipur-302020	1	MCA		120
10	Maharishi Arvind Institute of Science and Management	Ambabari Circle Ambabari Jaipur-302023	1	MCA		120
11	Modi Institute of Management & Technology	Modi Education Complex Dadabari Extension Kota-324009	1	MCA		120
12	Rajasthan College of Engineering for Women	Bhankrota Ajmer Road Jaipur-302026	1	MCA		60
13	Rajasthan Institute of Engineering & Technology	Bhankrota Ajmer Road Jaipur-302026	1	MCA		45
14	Regional College for Education Research & Technology	ISI-17 RIICO Institutional Area Sitapura Jaipur-302022	1	MCA		60
15	S. S. Jain Subodh P. G. College	Rambagh Circle Jaipur-302004	1	MCA		120
16	Shankara Institute of Technology	SP-44 RIICO Industrial Area Kukas Jaipur-302028	1	MCA		60
17	Sri Balaji College of Engineering & Technology	Village-Macheda, Tehsil-Ajmer, Benad Road Dadi Ka Phatak Jaipur-302013	1	MCA		60

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** Affiliation is kept Pending. Matter is Subjudice under Hon'ble High Court, Jaipur regarding Outstanding Fee Dues





Tentative list of BHMCT Colleges running under the Jurisdiction of RTU, Kota for academic session 2019-20

SN	NAME OF INSTITUTES	ADDRESS	SHIFT	HMCT	Remarks	TOTAL INTAKE
1	Chandrawati Group of Institutions	NH-11 Opposite Ghana National Park Bharatpur -321001	1	BHMCT	Non-participation	60





Tentative list of Architecture Colleges running under the Jurisdiction of RTU, Kota for academic session 2019-20

SN	NAME OF INSTITUTES	ADDRESS	SHIFT	B.Arch.	M.Arch.	Remarks	TOTAL INTAKE
1	Aayojan School of Architecture	ISI-4 RIICO Institutional Area Sitapura Goner Road Jaipur-302022	1	B.Arch.	M.Arch.		160
2	Buddha Institute of Architecture & Town Planning	Seth Ji Ki Kundal Nh-8 Near Iim, Balicha Udaipur-313001	1	B.Arch.		Zero Intake by COA	0
3	School of Architecture Apex Group of Institutions	IS-2018 Ramchandrapura Industrial Area Sitapura (Extn.) Jaipur-302022	1	B.Arch.			40





Office of The Dean Research

Rajasthan Technical University, Kota offers PhD programmes in faculty of Engg & Architecture, faculty of Management Studies and faculty of Computer Application. Details of various area of specializations are given below.

Faculty	Discipline	Area of Specialization
Engineering & Architecture	1. Civil Engineering	Environmental Engineering Geotechnical Engineering Structural Engineering
	2. Computer Science & Engineering	High Performance Computing System
	3. Electronics Engineering	Communication Engineering Control & Instrumentation
	4. Electrical Engineering	Power System Power Electronic Drives & Control
	5. Energy & Environment	Renewable Energy
	6. Mechanical Engineering	Machine Design Industrial Engineering Production Engineering Thermal Engineering
	7. Nanotechnology	Nano Applications in Electromechanical Engineering Nano Materials in Structural Engineering
	8. Textile Technology	Textile Engineering
Computer Application	9. Computer Application	Data Base Management Software Engineering
Management Studies	10. Management Studies	Financial Management Banking Human Resource Management
		Marketing Management General Management





Department Wise Number of PhD Scholars

S. No.	Department	PhD Scholar
1.	Civil Engineering	32
2.	Electrical Engineering	54
3.	Electronics Engineering	56
4.	Mechanical Engineering	43
5.	Computer Science & Engineering	41
6.	Centre of Nanotechnology	2
7.	Renewable Energy	6
8.	Textile Engineering	17
9.	Management Studies	76
10.	Computer Application	39
	Total	366

Research Centre : 23 *

* From session 2019-20, total **16 research centers** are affiliated to RTU and remaining* are transferred to BTU, Bikaner.

List of Research Centers

<u>S. No.</u>	<u>Name of Research Centre</u>	<u>Department</u>	<u>Area of Specialization</u>
1	RTU, Kota	1. Civil Engineering	- Structural Engineering - Geotechnical Engineering - Environmental Engg.
		2. Electrical Engineering	- Power System - Power Electronic & Electrical Drives
		3. Electronics Engineering	- Communication Engg. - Control & Instrumentation
		4. Mechanical Engineering	- Machine Design - Industrial Engineering - Production Engineering - Thermal Engineering
		5. Computer Engineering	- High Performance Computing Systems
		6. Management Studies	- General Management
2	Centers of RTU, Kota	1. Center of Nano technology	- Electro Mechanical Engg. - Nano Materials in Structural Engineering





3	Centers of RTU, Kota	1. Center of Renewable Energy	- Renewable Energy
Centers at affiliating colleges			
4	International School of Informatics & Management, Jaipur	1. Business Administration	- General Management - Marketing Management - Human Resource Management
		2. Computer Application	- Software Engineering
5	Biyani Institute of Science & Management, Jaipur	1. Business Administration	- Financial Management
6	Modi Institute of Management & Technology, Kota	1. Computer Application	- Database Management
7	Rajasthan College of Eng g. for Women, Jaipur	1. Computer Application	- Software Engineering
8	Maharishi Arvind Institute of Science & Management, Jaipur	1. Computer Application	- Database Management - Software Engineering
9	Maharishi Arvind Institute of Engineering & Technology, Jaipur	2. Mechanical Engineering	- Mechanical Engg.
10	Swami Keshwanand Institute of Tech., Mgmt. & Gramothan, Jaipur	1. Electrical Engineering	- Power Systems
		2. Computer Engineering	- High Performance Computer system
		3. Electronics & Communication Engg.	- Electronics & Communication Engg.
11	MLV Textile & Engineering College, Bhilwara	1. Textile Engineering	- Textile Technology
12	RIET, Jaipur	1. Electronics Engineering	- VLSI
		2. Electrical Engineering	- Power System
		3. Computer Engineering	- Computer Engg





13	Global Institute of Technology , Jaipur	1. Computer Engineering	- Computer Engg.
14	GITS, Udaipur	1. Computer Engineering 2. Business Administration	- HPCS - Management Studies
15	S.S. Jain Subodh P.G College, MCA Institute, Jaipur	1. Computer Application	- Computer Application
16	OM Khthari Institute of Management & Research, Kota	1. Business Administration	- Management Studies
17 *	Engineering College, Ajmer	1. Electronics Engineering	- Communication Engg.
		2. Business Administration	- Banking - General Management - Financial Management
		3. Computer Engineering	- Computer Engineering
		4. MCA	- Computer Application
		5. Mechanical Engineering	- Production Engineering
18 *	Engineering College, Bikaner	1. Electrical Engineering	- Power System
		2. Business Administration	- Banking - Human Resource Management - Marketing Management
		3. Mechanical Engineering	- Thermal Engg
		4. Computer Engineering	- Computer Engg
19 *	College of Engineering & Technology, Bikaner	1. Business Administration	- Financial Management - Human Resource Management
20 *	Institute of Management Studies BJS Rampuriya College, Bikaner	1. Business Administration	- Financial Management - Banking - General Management
21 *	Institute of Engineering & Technology, Alwar	1. Electronics Engineering	- Control & Instrumentation
		2. Business Administration	- Financial Management - Human Resource Management
22 *	Sobhasaria Group of Institutions, Sikar	1. Electrical Engineering	- Power Systems
		2. Management Studies	- Management
		3. Computer Engineering	- Computer Engg
23 *	JIET, Jodhpur	1. Mechanical Engineering	- Thermal Engg





	2. Electrical Engineering	- Power System
	3. Computer Engineering	- Computer Engg
	4. Management Studies	- Management Studies

PhD Degree awarded: Following research scholars were awarded Ph.D. degree in session 2019-20.

S. No.	Name	Department
1.	Surbhi Mathur	Management Studies
2.	Jeetendra Agrawal	Electronics Engineering
3.	Rajesh Kumar Bathija	Electronics Engineering
4.	Prity Birla	Management Studies
5.	Manisha Bhandari	Electronics Engineering
6.	Raj Shree Tapariya	Electronics Engineering
7.	Satish Chand Gupta	Electronics Engineering
8.	Rajesh Bhatt	Electronics Engineering
9.	Shiv Pujan Jaiswal	Electrical Engineering
10.	Fani Bhushan Sharma	Electrical Engineering
11.	Yatindra Gopal	Electrical Engineering
12.	Varun Tiwari	Computer Science & Engineering
13.	Vandana Rani Verma	Computer Application

No. of Recognized Supervisors

S. No.	Department	Recognized Supervisors
1.	Civil Engineering	11
2.	Electrical Engineering	22
3.	Electronics Engineering	26
4.	Mechanical Engineering	27
5.	Computer Science & Engineering	25
6.	Centre of Nanotechnology	3
7.	Renewable Energy	3
8.	Textile Engineering	4
9.	Management Studies	46
10.	Computer Application	16
	Total	183





राजस्थान तकनीकी विश्वविद्यालय, कोटा

RAJASTHAN TECHNICAL UNIVERSITY, KOTA

Annual Report (2019-2020)



Progress and Achievements :
TEQIP-III
RUSA, Exam Reforms, Academic Reforms





Contents

- TEQIP-III ATU
- TEQIP-III UD RTU
- RUSA
- INITIATIVES FOR EXAM REFORMS
- INITIATIVES FOR ACADEMIC REFORMS
- NEW EDUCATION POLICY
- SOME IMPORTANT ACHIEVEMENTS
- MOUs
- FUTURE PLANS

TEQIP – III (ATU)

Total Budget Allocation Revised) : 16.2 Cr.		
Major Head	Budget(Cr.)	Expenditure done (Cr.)
Procurement	6.48	3.81
Academics	8.10	4.81
IOC	1.62	0.97
Total		9.59





Procurement					
Equipment Procured	Cost (lacs)	Equipment supplied/PO placed	Cost (lacs)	Equipment initiated/evaluation stage/PO pending	Cost (lacs)
MATLAB	29.25	Desktop Computers	36.87	Renew of TURNITIN	8.50
COMSOL Multiphysics with MEMS Module	10.57	Anechoic Chamber	25.90	Robotics Lab	92.04
Advance Drives Setup	57.82	Siemens NX Academia	38.64	Servers, Workstations	34.70
Wind & Solar Emulators	42.48	Air Conditioners	5.75	Real Time Controller & Simulator	41.30
VLSI Design Software	17.11	LCD Multimedia Projector	6.94	Environment Lab	38.00
Xilinx	5.43	Furniture	22.00	Civil Works	48.00
Mentor Graphics	14.45	Digital Learning	100.0	Robotics Lab	85.00
3-D Printer	38.82			Server, Workstations	50.00
Turnitin	7.41				
Others	23.69				
Total	247.03		236.10		397.04





TEQIP-III ACTIVITIES

1. Faculty Development Programme Organized: 155 Participants= 10235
2. Workshops organized: 28; Participants=2657
3. International Conference: 08; Participants= 740
4. National Conference: 03; Participants= 368
5. Short Term Courses organized: 14; Participants=1314
6. Seminars organized in the College: 02; Participants= 269
7. Smart India Hackathon, Innovation & Startup: 05; Participants= 3237
8. Teachers Training Workshop (TTW): 02; Participants= 146
9. Online Webinars/Workshop: 09; Participants = 571
10. Guest Expert Lecture: 26
11. Industry Expert Lecture: 20
12. Gate Orientation Programme: 17





Future Academic Activities

S. No.	Name of the Institute	Title of the FDP	No. of Days	Dates
1	Anand International College of Engineering	Technology and Innovation in Math Education	5	14-18 Sept 2020
2	Anand International College of Engineering	Artificial Intelligence and Machine Learning Using Python	3	10-12 Sep 2020
3	Arya College of Engineering & Research Centre	Data Science	2	12-13 Sept 2020
4	Arya College of Engineering & Research Centre	Machine Learning	3	16-18 Sept 2020
5	Chartered Institute of Technology, Aburoad	Energy Auditing and Management	3	4-6 Sept 2020
6	Geetanjali institute of technical studies, udaipur	Solar design and drafting	5	21-25 Sept 2020
7	Jaipur institute of technology-group of institutions, jaipur	Employability skills for engineering graduates	5	7-11 Sept 2020
8	JEC KUKAS	Artificial Intelligence & IOT	2	19-20 Sept 2020
9	JEC KUKAS	Transient stability in power system	2	11-12 Sept 2020
10	Poornima College of ENgineering Jaipur	Mobile Robotics and Internet of Things	4	16- 19 Sept 2020
11	Poornima College of Engineering Jaipur	Sustainable Cities and Infrastructure	3	13.-15 Sept 2020
12	Poornima College of Engineering Jaipur	Recent Advances in Power Electronics, Drive and Renewable Energy	5	15-19 Sept 2020
13	Poornima College of Engineering Jaipur	Trends and Applications in Machine Learning and Deep Learning	2	04-05 Sept 2020
14	Poornima College of Engineering Jaipur	Cyber Security and Cyber Forensics	5	24-28 Aug 2020
15	Poornima College of Engineering Jaipur	Machine Learning and Deep Learning Techniques with its Applications	5	18-22 Aug 2020
16	Poornima College of Engineering Jaipur	Advancements in Signal Processing and Optimization Techniques in WSN	5	21-25 Sept 2020
17	Poornima College of Engineering Jaipur	Alternative Fuels	2	4-5 Sept 2020
18	Poornima College of Engineering Jaipur	Industry 4.0	3	14-16 Sept 2020
19	Poornima College of ENgineering Jaipur	Blockchain and its Applications	5	14 -18 Sept 2020





20	Poornima College of Engineering Jaipur	Container orchestration and automation in software development using Kubernetes and Openshift	3	21-23-09-2020
21	Poornima Institute of Engineering & Technology	Solar Energy Conversion & Storage	5	31- 4 Sept 2020
22	Rajasthan College of Engineering for Women	Machine Learning and its Application to Healthcare Sector	3	04-06 Sept 2020
23	Riet jaipur	Emerging trends in data science	5	7-11 Sept 2020
24	Riet jaipur	Emerging issues in environment engineering and disaster management	5	21-25 Sept 2020
25	Sawai Madhopur College of Engineering & Technology, Sawai Madhopur	Green Energy Technologies	2	3-4 Sept 2020
26	Shankara Institute of Technology	Entrepreneurship Development	2	18-19 Sept 2020
27	Shrinathji Institute of Technology & Engineering,	Advance Microgrids, Smart Renewable &	3	24-26 Sept 2020
28	Shrinathji Institute of Technology and Engineering, Nathdwara	Fuel additives for C.I. Engine And Performance Evaluation	3	10-12 Sept 2020
29	Sri balaji college of engineering and technology	Recent trends in renewable energy	3	10-12 Sept 2020
30	Sri balaji college of engineering and technology	Mat lab and it's applications	3	1-3 Sept 2020
31	Sri balaji college of engineering and technology	Artificial intelligence and machine learning	3	7-9 Sept 2020
32	Sri balaji college of engineering and technology	Electrical vehicle	3	4-6 Sept. 2020
33	Sri balaji college of engineering and technology	Multi variable multi response optimization	5	14-18 Sept 2020
34	Sri balaji college of engineering and technology	Energy simulation of building	5	7-11 Sept 2020
35	Swami keshvanand institute of technology, management & gramothan	Aatmnirbhar bharat: encouraging enterprise in rural communities and remote regions	3	4-6 Sept 2020
36	Swami keshvanand institute of technology, management & gramothan	Emerging Trends in Nano Electronics (ETNE)	5	21-25 Sept 2020
37	Swami keshvanand institute of technology, management & gramothan	Machine Learning and Smart Electronic System	3	3-5 Sept 2020
38	Swami keshvanand institute of technology, management & gramothan	Emerging Trends in Organic Electronics	3	27-29 July 2020





39	Swami keshvanand institute of technology, management & gramothan	Nanotechnology Based Green Energy Solution for Solar cells	5	10-14/09/2020
40	Swami keshvanand institute of technology, management & gramothan	Green Energy: The Energy of Future	5	7-11 Sept 2020
41	Swami keshvanand institute of technology, management & gramothan	Recent Trends in Advanced Machining and Additive Manufacturing	5	7-11 Sept 2020
42	University departments, rtu kota	Finite Element Methods and Applications	5	2-6 Sept 2020
43	University departments, rtu kota	Unmanned Aerial Vehicles	5	10-14 Sept 2020
44	Vivekananda institute of technology	Nano Materials and its Applications in Science and Technology	3	7-9 Sept 2020
45	Vivekananda institute of technology	Issues and Challenges in grid integration with renewable energy sources.	5	21 -25 Sept 2020
46	Vivekananda institute of technology	Machine Learning and Its applications	3	15-17 September, 2020
47	Vivekananda institute of technology, jaipur	Applications of Mathematical Modelling in Sciecnc and Engineering	3	25-27 July 2020
48	Geetanjali institute of technical studies, udaipur	Application of ai & iot in civil engineering	3	14-16 sept. 2020
49	Geetanjali institute of technical studies, udaipur	Preparing for nba accreditation	3	12-14 sept. 2020
50	Geetanjali institute of technical studies, udaipur	Power electronics converters: applications and their control	3	21-25 sept. 2020
51	Vivekananda institute of technology	Scientific computational techniques	3	12-14 sept. 2020
52	Poornima College of Engineering Jaipur	Cyber Security and Cyber Forensics	5	21-25 Sept. 2020





S. No.	Name of the Institute	Title of the Workshop	No. of Days	Dates
1	Vivekanand Institute of Technology, Jaipur	Workshop On Application Of Python For Machine Learning	5	05-09-2020 to 09-09-2020
2	Compucom Institute of Technology & Management, Jaipur,	Cloud Computing and its Applications	7	07-09-2020 to 13-09-2020
3	Arya College of Engineering and Information Technology, Jaipur	Cyber Security and Forensics	5	02-09-2020 to 06 -09-2020
4	Jaipur Institute of Technology Group of Institutions, Jaipur	Artificial intelligence	5	21-09-2020 to 25-09-2020
5	Shrinathji Institute of Technology & Engineering Nathdwara	Internet of Things	1	21-09-2020 to 25-09-2020
6	Swami Keshvanand Institute of Technology	Emerging Web Development Trends	10	18-09-2020 to 20-09-2020
7	Vivekanand Institute of Technology, Jaipur	Workshop on Block Chain and its Applications	3	05-09-2020 to 09-09-2020
8	Compucom Institute of Technology & Management, Jaipur,	Cloud Computing and its Applications	7	07-09-2020 to 13-09-2020
9	Arya College of Engineering and Information Technology, Jaipur	Cyber Security and Forensics	5	02-09-2020 to 06-09-2020
10	Rajasthan Institute of Engineering & Technology, Jaipur	Advances in Data Structures and Algorithms	5	14-09-2020 to 18-09-2020

S. No.	Name of the Institute	Title of Short Term Courses	Dates
1	Swami Keshvanand Institute of Technology, Jaipur	Android: A Practical approach to develop Mobile App	11/09/2020-20/09/2020
2	Vivekananda Institute of Technology	Magical Mathematics and Optimization	21/09/2020-25/09/2020
3	Compucom Institute of Technology, Jaipur	Software Testing	18/09/2020-19/09/2020
4	Jaipur Engineering College and Research Centre, Jaipur	Natural Language Processing using Python	1/09/2020-5/09/2020





Proposed Hackathon/Startup Competitions, HR Conclaves

S. No.	Name of the Institute	Title of the Event
1	Global Institute of Technology, Jaipur	HR Conclave
2	Jaipur Engineering College and Research Centre, Jaipur	HR Conclave
3	Swami Keshvanand Institute of Technology, Jaipur	Hackathon/Startup Competition
4	Vivekanand Institute of Technology, Jaipur	HR Conclave
5	Jaipur Engineering College, Kukas	HR Conclave

Expenditure under UD TEQIP-III, RTU Kota

S.No	Category of Expenditure (Head of expenditure)	Budget (Rs. In Lac.)	Revised Budget (in Lac) after curtailment	Expenditure (in Lacs)
1	Procurement of Goods	600	486	347
2	Academic Process	300	243	206
3	Incremental Operating Cost	100	81	41
	Total	1000	810	594

Procurement Activities under University Departments TEQIP-III (1.1)

Packages 90% payment released as per PO				
S.No	Package Name	Package Code	Department	Final P.O. Amount (Inclusive of





				all taxes)
1.	Optisuite	TEQIP-III/RJ/UCEK/27	ECE	3068000/-
2.	ORCAD P-Spice	TEQIP-III/RJ/UCEK/50	ECE	797966/-
3.	VHDL Processing	TEQIP-III/RJ/UCEK/48	ECE	542800/-
4.	NDT Lab	TEQIP-III/RJ/UCEK/22	CE	1032500/-
5.	Production Engg Lab	TEQIP-III/RJ/UCEK/73	CE	255352/-
6.	Civil Engg. Lab Equipments	TEQIP-III/RJ/UCEK/21	CE	323874/-
7.	Soil Lab Equipment	TEQIP-III/RJ/UCEK/24	CE	388456/-
8.	Propulsion Sys Lab	TEQIP-III/RJ/UCEK/72	ME	2143974/-
9.	Aircraft Structure & System	TEQIP-III/RJ/UCEK/67	ME	2715180/-
10.	Environment Engg. Lab	TEQIP-III/RJ/UCEK/79	CE	2178044/-
11.	Heat Transfer & Fluid Mechanics Machinery	TEQIP-III/RJ/UCEK/77	ME	1764100/-
12.	Survey Lab Equipments	TEQIP-III/RJ/UCEK/23	CE	152102/-
13.	Hydraulics Lab	TEQIP-III/RJ/UCEK/80	CE	231280/-
14.	Geotech Lab	TEQIP-III/RJ/UCEK/89	CE	341020/-

Procurement Activities under University

Departments TEQIP-III (1.1)

Packages 100% payment released as per PO

S.No	Package Name	Package Code	Department	Final P.O. Amount (Inclusive of all taxes)
1	Electronics Lab Trainer Kit	TEQIP-III/RJ/UCEK/5	ECE	1565624/-
2	Aircraft Cockpit Simulator	TEQIP-III/RJ/UCEK/69	ME	3039680/-





3	CNC Mill Module	TEQIP-III/RJ/UCEK/85	ME	4365085/-
4	CNC Lathe Module	TEQIP-III/RJ/UCEK/84	ME	5392706/-
5	STAAD Software	TEQIP-III/RJ/UCEK/78	CE	1534000/-
6	Plexix 2D	TEQIP-III/RJ/UCEK/90	CE	952909/-
7	Printers	TEQIP-III/RJ/ucek/57	Institutional	104280/-
8	Xerox Machines	TEQIP-III/RJ/ucek/8	Institutional	406000/-
9	Multimedia Projectors	TEQIP-III/RJ/ucek/58	Institutional	1018650/-
10	Desktop Computers	TEQIP-III/RJ/ucek/63	Institutional	605000/-

Procurement Activities under University

Departments TEQIP-III (1.1)

Civil Works				
S.No .	Package Name	Package Code	Department	Final P.O. Amount (Inclusive of all taxes)
1	Modification and renovation of different institutional buildings	TEQIP-III/2019/RJ/UCEK/70	Institutional	4500000/-

Webinars under UD TEQIP-III

S.No .	Title	Expert Details	Coordinator of Programme	Dates
1	Soft Skills for Success in Career	Dr. S.B. Hegde, Joint Executive President, J K Laxmi Cement	Prof. Praveen Kumar, Civil Engg.	08.08.2020
2	Gender Equality	Ms. Amrita Duhan, IPS RJ Savi Ms. Anita Chauhan (Social Worker)	Prof. Manisha Vyas, HEAS Dr. Irum Alvi, HEAS Dr. Annapurna Bhargava, EE	17.08.2020
3	Gandhi's Vision on Technology: Nature and	Prof. Prem Anand Mishra, Dean & HoD, Faculty of Gandhian studies	Prof. Dinesh Birla, EE	18.08.2020





	Significance	Gujrat Vidyapith Ahmedabad Prof. Arun Kumar, VMOU Kota		
4	Basic of FEM and its Applications	Prof. Mukul Shukla, MNNIT Allahabad	Mr. S.S. Godara, ME	20.08.20 20
5	Contemporary research trends in Machine Learning	Dr. Kumar Ravi, Data Architect, IoT Works, HCL Technologies Ltd. Noida Dr. Chandan Gautam , Post-Doctoral Fellow, IISc Bangalore Dr. Pradeep Kr. Dadabada, IIM Shillong	Mr. Kanhaiya Kumar, NPIU CSE	21.08.20 20
6	Basics of IPR and its Process	Ms. Nekita Kumari, Examiner of Patents and Design, Patent office Delhi	Mr. S.S. Godara, ME	22.08.20 20
7	Career Prospectus after B.Tech. in Aeronautical Engineering	Mr. Kartik Bhaskar, Flight safety Executive- SpiceJet Ltd. Ms. Parul Jain, Hi-Tech Solutions in Aero Navigation Department, Ahmedabad Ms. Princy Sharma, Aircraft Maintenance Engineer in Air India Engineering Services Ltd. Delhi Mr. Prashant Jangir, Air Safety Office in DGCA, New Delhi	Dr. Brajesh Tripathi, ME Mr. S.S. Godara, ME	23.08.20 20
8	Applied Mathematical Modelling of Engg. Problems	Prof. S.P. Harsha, Deptt. of ME, IIT Roorkee	Dr. S.D. Purohit, HEAS	25.08.20 20
9	Shale Gas Exploration Production Techniques	Dr. Vishwanath Banarjee, Ex. Executive Director ONGC Prof. Vikas Mahto, ISM Dhanbad Sh. Abhiram Deo Sharma, Chief,Geologist DGH- Ministry of Petroleum Govt. of India	Mr. Manoj Vaishnav, Civil Mr. Dinesh Kumar, Civil	28-29 August ,2020





10	Method of Logical Effort	Dr. D. Boolchandani, MNIT Jaipur	Dr. Ajay Khunteta, ECE	30.08.2020
11	Application of Orthogonal Polynomials in Science and Engineering	Prof. A. Swaminathan, Deptt. of Mathematics, IIT Roorkee	Dr. S.D. Purohit, HEAS	02.09.2020
12	Effective Communication Skills	Dr. Niraja Saraswat, MNIT Jaipur Dr. B. Nagamani Geetanjali College of Engg & Tech. Hyderabad	Dr. Manisha Vyas Dr. Irum Alvi	03.09.2020
13	Basics of Computational Fluid Dynamics (CFD) and its applications	Dr. Tikendra Nath Verma, Assistant Professor, ME, MANIT Bhopal	Mr. Mohd. Shahid, ME Mr. S.S. Godara, ME	04.09.2020
14	Issues in Nanoscale VLSI Circuit Design	Mr. Bulusu Anand, Prof. ECE Deptt., IIT Roorkee Dr. Amit Joshi, Asst. Prof. ECE Deptt., MNIT Jaipur	Dr. J.B. Sharma ECE	05.09.2020
15	An Introduction to Hydrodynamic stability Analysis	Dr. Manish K. Khandelwal, Deptt. of Mathematics, IGNTU, M.P.	Dr. Kamlesh Jangid, HEAS	06.09.2020
16	Impact of Regional events on Ambient Air Quality Monitoring	Dr. Puneet Verma, Environmental Scientist	Mr. Sohil Sisodiya NPIU Civil	07.09.2020
17	Alternative Fuel: A Novel Source	Dr. Tikendra Nath Verma, Assistant Professor, ME, MANIT Bhopal	Mr. Anshul Kr. Bansal, ME Mr. S.S. Godara, ME	08.09.2020
18	Rural Entrepreneurship	Prof. G.S. Dangayach, MNIT Jaipur Dr. Ramesh Mittal, Director, NIAM Jaipur	Dr. B.D. Gidwani, Mechanical	09.09.2020
19	Multi-Criteria Decision Analysis using Goal Programming	Dr. K. Sasank Mouli, DRK institute of Science & Technology, Hyderabad	Mrs. Priyanka Agarwal, NPIU, HEAS	10.09.2020
20	Two days webinar with alumni of Civil	Name of the alumni will be decided by the coordinators of the webinar.	Prof. Praveen Kumar, Civil Engineering and Prof. K.S Grover, Civil	12-13 Sept 2020





	Engineering during		Engineering	
21	Advances in Control Engineering	Dr. S. Janardhanan, Associate Prof. EE, IIT Delhi Dr. Deepak Fulwani, Associate Prof., EE, IIT Jodhpur	Dr. Manisha Bhandari, ECE Dr. Rajashree Taparia, ECE	14.09.2020
22	Flexible Electronics and Gas Sensors	Dr. Jamil Akhtar, Former Head, CEERI Pilani Dr. Rahul Prajnesh, Scientist, Smart Sensor Group, CEERI Pilani	Dr. Shobi Bagga, ECE	15.09.2020
23	1. Information processing using grey system theory and analytic hierarchy process 2. Optimization using VIKOR, DEMATEL	Dr. Omji Shukla, NIT Patna Dr. Sonu Rajak, NIT Patna	Dr. K.B. Rana, ME Dr. Rahul Jain, NPIU, Mechanical	17.09.2020
24	Micro and Nano Manufacturing for Biomedical applications	Dr. M. Ravi Shankar, Associate Professor, IIT Titupati	Prof. V.K Gorana, ME Mr. S.S Godara, ME	18.09.2020
25	Higher Order Sliding Mode Control	Prof. Bijnan Bandhopadhyay, IIT Bombay Dr. Deepak M. Fulwani, IIT Jodhpur Dr. Vitthal Shrirang Bandal, CoE Pune	Dr. Rajeev Gupta, Head ECE	19.09.2020
26	Experimental Modal Analysis and Testing	Dr. Ramakrishna Dinavahi, Scientist F, DRDL Hyderabad	Dr. Pankaj Sharma, ME	20.09.2020
27	Recent Problems in Energy & Environment: Their Solutions	Prof. D.P. Kothari, Ex. Director I/c & Prof. IITD	Dr. Girish Parmar, ECE Dr. Rajesh Bhatt, ECE	22.09.2020





28	Design and Implementation on Digital Control Scheme for Power Electronic Interface of Solar PV System	Dr. Ujjwal Kumar Kalla, Associate Professor, MANIT Bhopal	Dr. M.L. Meena, ECE Dr. Seema Agrawal, EE	23.09.2020
22	Importance of Human Values and discipline during COVID-19 Era	Prof. R.L. Godara, HVC, VMOU Kota	Dr. Vikas Bansal, ME	24.09.2020
23	Materials and Devices for Organic Solar Cells	Prof. G.D. Sharma, Department of Physics, LNM of Institute of Technology Jaipur	Dr. G.P. Joshi, HEAS	25.09.2020 (office order to be issued)
24	Computational Cardiac Engineering: Predictive Modeling and Innovative Sensing System	Dr. Makarand Deo, Associate Professor, Norfolk State University, VA, USA	Prof. Rajeev Gupta, ECE Mr. Vipin Prakash Yadav, NPIU, ECE	26.09.2020 (office order to be issued)
25	Mechanical Properties of Rubber and its Application in Automotive	Mr. Sandip Hazra, Deputy General Manager, Tata Motor Ltd. Pune	Dr. Pankaj Sharma, ME	27.09.2020



University Departments, RTU, Kota

RUSA Project



S. No.	Proposed Head	Sub Head	Changed (DCF) Budget as per SPD-01 dt. 01.01.2020	EXPENDITURE							UNSPENT as on 7.09.2020	
				2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	Grand Total		
1	New Construction	Aeronautical Lab	20000000	0	20000000		0				20000000	0
		Students Activity Centre (SAC)	18000000	0			10000000	8000000			18000000	0
		Cafeteria	15000000	0			15000000				15000000	0
		Technologically enabled Classrooms	0	0						0	0	0
		Toilets & Ramps	5000000	0		5000000					5000000	0
		Parking	6000000	0			5700000	300000			6000000	0
		Sports (Billiards/Gym Equipment/IT Table/Lawn Tennis/Badminton Facility, etc.)	6000000	0			6000000				6000000	0
		TOTAL	70000000	0	20000000	5000000	36700000	8300000	0		70000000	0
		Solar Energy Facility	18000000	0		13500000	4500000				18000000	0
		Repair	26750000	0		10600000		16150000			26750000	0
2	Reno	Extension of Networking	25250000	0		13338005	11900000			25238005	11995	
		Technology enabled Prototyping for Organic Pharming	0	0						0	0	0
		Green & Smart Corridor with lot	0	0							0	0
		TOTAL	70000000	0		0	37	16	161	0	69988005	11995
3	New Equipment/ Facilities	Sports	0	0			0				0	0
		Library	41000000	0	2261006	7166019	14040598				23467623	17532377
		Laboratory-equipments	5800000	0	156550	586173	202				742925	5057075
		Computers/IP Telephony/Surveillance	10000000	0	2312224	7038106					9370330	629670
		Club Equipment's Camera, musical instruments, etc.	2000000	0	0					176375	176375	1823625
		Parking/E-Rikshaw etc.	0	0							0	0
		RFID System for Library	0	0							0	0
		Technologically enabled Classrooms	0	0							0	0
		Furniture & AC (Hostel, Library, Academic Block, PTP)	1200000	0						291515	291515	908485
		TOTAL	60000000	0	4729780	14810298	14040800	0	467890	34048768	25951232	25963227
	GRAND TOTAL	200000000	0	24729780	57248303	67140800	24450000	467890	174036773	25963227		





Initiatives for Examination Reforms

- This year no penalty has been imposed on students towards late submission of examination forms
- All results of odd semesters were prepared and declared in online mode
- Copy view is being performed in online mode
- Online system launched by RTU on 20th March for students to apply for documents, marksheets, revaluation form etc.
- All information being shared with students through bulk messages and emails
- Mid-term examinations of even semesters were conducted in online mode. Nearly 96 % students took the exams
- Viva-Voce exam of M.Tech. dissertations being conducted in online mode
- Arranged online meetings with HVC, Deans, Chairman, Directors and Principals of affiliating colleges





Initiatives for Academic Reforms

Various initiatives have been taken to carry out academic reforms in tune with the NEP, importantly as below:

- The curriculum and syllabus of all B.Tech. programs have been revised as per CBCS examination scheme.
- Provision for choosing the various interdisciplinary courses has been made by number of **electives and open electives** in the scheme.
- More thrust has been given to **hands on experience** by increasing the weightage of practicals, training, seminar, workshops, innovative activities etc.
- Sufficient **breathing space** has been provided in the curricula by **reducing the total credit requirement** to encourage the inherent ability of students in diversified fields.
- Due weightage has been given to subjects like **Universal Human Values, Anandam, Extracurricular activities** etc. for the overall development of the engineers with human values.





- RTU have made first-rate reforms in academics. Distribution of internal assessment and external assessment marks has been redefined as 30:70 as compared to previous 20:80. The process of internal assessment is also redefined and elaborated.
- This year, RTU have revised all the academic syllabuses and scheme viz B. Tech., M. Tech., MBA, MCA. This happened first time in RTU that all the syllabuses have been revised at one time. The syllabus and scheme was last revised in 2012.
- Choice Based Credit System (CBCS) has been implemented in all academic curriculums which in turn promote interdisciplinary study.
- The courses from MOOCs have been approved. The additional credits earned through MOOCs will be considered for award of Honours degree.
- Open electives, audit courses has been introduced. A 2-credit Anandam [SODECA] course (Joy of giving) has also been introduced.
- The structure of MCA program has been redefined with course duration reduced to 2 Year as compare to existing 3-year.
- The academic graduate student (like BA, B.Com. etc.) would have to complete a bridge course in new 2-Year MCA course.
- The Proposed syllabus and scheme for MBA have Dual specialization options.





Academic Activities under COVID-19- New Normal

1. Academic calendar been issued with classes to start online from July 1, 2020.
2. The revised Academic calendar is having extended time line from July 1, 2020 to December 31, 2020 without any winter break; As most part of the semester will run under off campus mode of study majorly through online classes and per.
3. Guidelines have issued to conduct of online classes, laboratories (via virtual labs, computer simulation or short real time recorded video of actual experimental video by concern faculty).
4. University have already started its e-content you tube channel. It has more then 2000+ subject videos by faculty. Now, university have shortlisted a bunch of subject expert faculty from its umbrella and their expert lecture notes will be uploaded on university website. These subject notes will cover complete syllabus of all the subject.





Initiatives by RTU for Universal Human Values (UHV), Student

Induction Program (SIP) and New Education Policy-2020

- **A state level workshop** was organized jointly by RTU and Department of Technical Education, Government of Rajasthan at MNIT Jaipur., on 13th August 2019.
- **The key speakers** in the workshop were Prof. Rajive Kumar, Member Secretary AICTE; Prof. Dinesh Singh, Former VC, DU; Dr. Subhash Garg, Hon'ble Minister for Technical Education, Government of Rajasthan; Prof. Udai Kumar Yarangatti, Director, MNIT; Prof. R.A. Gupta, Vice Chancellor, RTU, Kota; Prof. H.D. Charan, Vice Chancellor, BTU, Bikaner; Sh. Galaria, Principal Secretary, Technical Education (GOR).
- **The participants** were Delegates from major Industries, Policy makers/ Principal of RTU affiliated colleges with senior faculty; All Deans, HoDs, Registrar and Finance Officer from RTU; in total more than 150 participants were present during the day long workshop.
- The last session of the workshop was of **Open Discussion** to invite the suggestions/comments on the Draft NEP.
- **The recommendations** of the workshops were compiled and send to MHRD through TED, Govt. of Rajasthan.





- In order to incorporate the **Universal Human Values (UHV)** in the technical education and for effective implementation of **Student Induction Program (SIP)** in the colleges, Prof. B. P. Suneja, Dean (FOEA) have been nominated as University Coordinator as per the direction of AICTE.
- It is worth to mention that **more than 300 faculty members (including Chairman & Principals)** of RTU have been trained on **UHV/SIP** through FIVE such online workshops of FIVE days each organized by AICTE. Our goal is to train 100% faculty of RTU in near future so as to inculcate the value system amongst the teachers and students.
- A **committee** has been constituted to decide the **multiple exit/entry** in the engineering program.
- RTU has also taken a lead in revising the **scheme of polytechnic education** and making it CBCS based, in the leadership of Vice Chancellor, Prof. R. A. Gupta.
- Due emphasis has been given to skill development and Innovation activities by Developing new center of excellence, Research Hub and procurement of lab equipment that are under process. This will help in developing the new courses/programs as per NEP.





Awareness Activities for NEP (Core committee, Task Force & State Level Webinar):

- In the Chairmanship of Dean FOEA, a “**NEP Core Committee**” has been constituted of Deans of University and Controller of Examination to create the awareness amongst the stake holders for NEP.
- The Core committee shall formulate the various sub committees to address the various specific areas/ expectation of NEP and will prepare the road map for future technical education.
- All the affiliated colleges have been directed to constitute “**NEP Task Force**” at college level and to discuss the issues involved in implementation of NEP in technical education among the various stakeholders and to submit its recommendations to **NEP Core Committee** at RTU.
- In compliance with the direction of MHRD/ AICTE for creating the awareness for NEP amongst the stake holders, **RTU has taken a lead** by organizing a **state level Webinar** successfully on 3rd September 2020 on the topic “**NEP-20: Shaping Technical Education**”. Prof. Rajive Kumar, Member Secretary, AICTE was the keynote speaker. During the workshops the role of various technical institute in the state were deliberated for effective implementation of NEP in true spirit.
- A **joint meeting** of all these **Task Forces** (constituted at the college level) and **NEP Core Committee, RTU** is proposed to be held shortly to discuss and work out the various issues involved in bringing out the **Road Map for implementation of NEP in RTU**.





MOUs by RTU

- It is an endeavour of the Rajasthan Technical University to involve all of its affiliated institutes to get benefit of the MoUs as well as to motivate them to search for avenues of collaboration with acclaimed institutes/organizations/agencies under the aegis of Rajasthan Technical University.
- In the past, Rajasthan Technical University has entered into MoU with many nationally and internationally recognized organizations, including the AICTE, CBRI, ECI, CDSL and IIT BHU as well. So far 22 MoU have been successfully executed by RTU and are being worked upon. Students and affiliated colleges have been immensely benefitted out of these MoUs.
- Recently, Rajasthan Technical University has entered into an MoU with a social-cum- technical organization, Srijan Sansthan, who has done pioneer work in the state of Uttar Pradesh in revival of some industries. It is expected that in collaboration with Rajasthan Technical University, the Srijan Sanchar organization would promote "One District One Product" initiative. This initiative would involve the students of affiliated colleges of Rajasthan Technical University Kota for development and refinement of some products that have geographical, cultural or area-specific components or specialties. It is expected that this ambitious initiative will be helpful in Sangneri Printing, Arid Zone products, Agricultural yields and some lesser known but unique elements.
- Another MoU, that is of utmost importance is with infolibnet. It is about the mechanism to upload the postgraduate and doctoral theses on Shodhganga Portal. This portal has been conceived and devised to proliferate the research work being done at all the Universities in India. The theses are uploaded on the server and it is visible to everyone as an open source resource. Further, this avoids the issue of plagiarism. The output of this MoU would help in enhancing the quality of research being done under the umbrella of Rajasthan Technical University.
- CEERI, Pilani is one of the internationally acclaimed and important research organization. Students and researchers at Rajasthan Technical University have been working on many topics that have needed technical support from CEERI. Now to enable the students of the entire state of Rajasthan, a formal MoU is being entered with CEERI Pilani for research, development and joint programs, which may be beneficial for the state ultimately.





Some important Achievements/Future Plans

AICTE-AQIS Accepted Proposals

AICTE announced AQIS scheme and total 32 applications from faculty members of RTU Kota were submitted in Dec-Jan 2020. Total 03 different proposals were awarded as per the following details.

S. No.	Application ID	AQIS Scheme	Proposal Title	Grant (in Rs.)	Name of the faculty
1	7080648191	STTP	Optimization and Control Design Techniques: Innovations and Challenges	396667	GIRISH PARMAR
2	7055795111	RPS	Analysis of reduced switch count Multilevel inverter for renewable power application	960470	DHEERAJ PALWALIA
3	7096493430	RPS	Lattice Boltzmann methods for single phase and multiphase flow in supersonic conditions	1815686	BRAJESH TRIPATHI

Rooftop Solar PV Installation

RTU Kota has solar PV rooftop installation of 300 KWp and working since 2016. This brings a electric bill saving of Rs 40.00 lac per annum.

With a detailed technical study, RTU is now proposed to extend the 300 KWp addition solar PV installations under CapEx mode. Work contract is signed with REIL that provide the price subsidy of approx. 23% though Solar Energy Corporation of India (SECI), Govt. of India. This make this project more cost viable and bring the capital recovery within a period of three year.

This will make total installed capacity to 600 KWp. By this way, RTU campus will be able to generate electricity more than its demand and thus making the campus to green energy campus.



High Speed Internet Service

- A 10 GBPS high speed internal facility is being established with 2 Nos. 10 Gigabit Ethernet L-3 core switch and 34 Nos. 1 Gigabit L-2 core switch.
- The present bandwidth available is 1000 Mbps+ 256 Mbps + 100 Mbps = 1356 Mbps at 1:1 pairing dedicated internet bandwidth with optical fiber lease line.
- More than 14 km long coups wide Optical Fiber cable in ring have been laid and 15 km CAT-6 cable is laid. With this a high speed i.e. 1000 Mbps internet service will be available at RTU campus. This facility will be one of unique high speed internet service that is presently available at MNIT Jaipur and NIC only in Rajasthan.
- **The total cost is approx. 2.20 Cr.**
- **Project completion time: December 2020**





IAF Aircraft

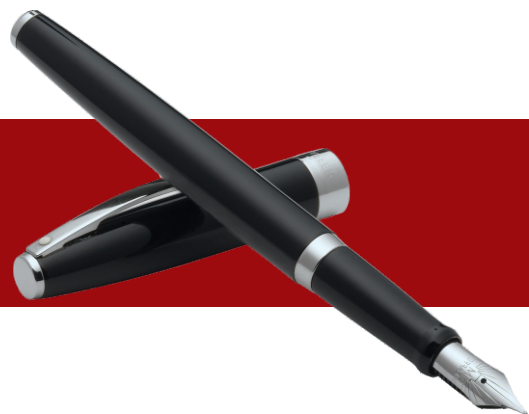
- Indian Air force donated the Aircraft "HPT32" to Rajasthan Technical University Kota which has arrived on 07/09/2020. The aircraft is transported from IAF Station Hyderabad to RTU Kota.
- It is a trainer aircraft FREE OF COST to RTU Kota with the following details of cost approximation.
 - New aircraft cost = Rs. 30000.00 Lakhs
 - Depreciated aircraft body cost = Rs. 30.00 Lakhs
 - Transportation cost = Rs. 02.50 Lakhs
- The HPT-32 aircraft is an air force trainer aircraft and served the Indian air force for almost 30 years and trained a number of pilots of Indian Air force. It has dimensions of approximately 32x30 ft. RTU Kota applied for the aircraft in 2016 and continuously following IAF to deliver the aircraft. The service life of the donated aircraft HPT-32 was virtually over.
- The air force used its basic trainer aircraft HPT 32 to train and prepare their rookie pilots for flying bigger aircraft, including fighter and transport aircraft. It is the part of 125-aircraft fleets of defence PSU Hindustan Aeronautics Limited (HAL). Hindustan Piston Trainer-32 is an indigenous aircraft designed by HAL in late 1970s and inducted into the IAF to train pilots in their Stage-I course in the flying branch in 1984.
- The aircraft, with a speed of 280-kmph and a range of 1,400-km, is used for primary training, observation, liaison and target towing. It also has four strong points which are to carry 255-kg war load, machine gun pods, bombs and rockets, and can be used as a fighter plane.

Establishment of Centre of Excellence

- Nanotechnology : Budget 2.0 Crore
- Robotics : Budget 1.0 crore (TEQIP-III)







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