No. 5232　　　　　　　　　　　　　Date: June 22, 2021

III Meeting of Academic Council, University Departments, RTU, KOTA was convened through online mode on 16-06-2021 at 10:45 AM using Google Meet under the Chairmanship of Prof. Anil K. Mathur, Dean, Faculty Affairs. Following members were present:
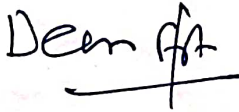
1. Prof. Rajiv Gupta
2. Prof. Dinesh Birla
3. Prof. Sanjeev Mishra
4. Prof. A.K. Chaturvedi
5. Prof. Vivek Pandey
6. Prof. K.S. Grover
7. Prof. Praveen Kumar
8. Dr. R.K.Banyal
9. Dr S. D. Purohit
10. Dr. Sanju Tanwar
11. Shri Manoj Vaishnav
12. Dr. Vikas Bansal (Member Secretary)

The minutes of meeting are enclosed in the file for your kind approval.

Dean (FA)

HVC

06.07.2021

Dean (FA)

8.7

Dr. Vikas Bansal.

INWARD (HD)
S. No. 3097
Date 7.7.2021

DFA/SS28
8/7/2021

26

Minutes of Meeting
III Meeting (online) of Academic Council, University Departments, RTU, Kota

No.:   Date: 22-06-2021

III Meeting of Academic Council, University Departments, RTU, KOTA was convened through online mode on 16-06-2021 at 10:45 AM using Google Meet under the Chairmanship of Prof. Anil K. Mathur, Dean, Faculty Affairs. Following members were present:

1. Prof. Rajiv Gupta
2. Prof. Dinesh Birla
3. Prof. Sanjeev Mishra
4. Prof. A.K. Chaturvedi
5. Prof. Vivek Pandey
6. Prof. K.S. Grover
7. Prof. Praveen Kumar
8. Dr. R.K.Banyal
9. Dr S. D. Purohit
10. Dr. Sanju Tanwar
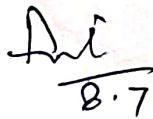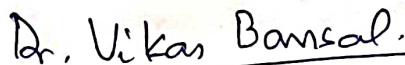11. Shri Manoj Vaishnav
12. Dr. Vikas Bansal (Member Secretary)

Following agendas related to academic has been discussed and resolved into the meeting:

Agenda 1: To keep in abeyance the provisions of point 2 of Section 3.14 'Termination of enrolment' in CBCS regulations for Undergraduate programmes.

CBCS regulations at point 2 of Section 3.14 'Termination of enrolment' states that: 'The student who has earned not more than 10 credits at the end of first semester shall be given a warning for his/ her poor performance by Dean UD. The enrolment of a student in a program shall stand terminated if he/she fails to earn 18 credits at the end of first year. The communication regarding termination of enrolment shall be issued by the Dean UD within fifteen days from the date of declaration of results.'

Presently, Students' enrolment in the B. Tech. programme has been reduced significantly due to COVID situation; therefore, it is proposed to keep the above provision in abeyance.

Members are requested to approve the same.

Resolution: The Agenda was approved by the members. It was decided to keep the provision in abeyance till further order.

It was also decided that the students who fails to earn 18 credits at the end of first year have to only register again in the courses in which he/she has failed (I and II semester). He/she shall not be allowed to register in the higher semester until he/she earns at least 18 credits in the first year scheme.

Agenda 2: To approve to mention the name of the department specialization along with 'Honours' in degree on completion of 20 credits of department specialization as mentioned in Section 4.5 and Section 5 'capability linked options for undergraduate students' of CBCSUG-2020.

It has been mentioned in Section 4.5 and Section 5: 'Capability linked options for undergraduate students' of CBCSUG-2020 that 'a student based on his/her performance and interest can choose either one of the options. On successful completion of minor area credits or Departmental Specialization credit, above value addition will be indicated on the degree. On successful completion of minor area credits, the name of the Minor area will be mentioned on the degree. On successful completion of Departmental Specialization credit, 'Honours' will be indicated on the degree'.

In case of Minor Specialization, the value addition will be indicated in the degree as name of the specialization. Therefore, same may be adopted for departmental specialization.

Members are requested to approve the same

Resolution: The Agenda was approved by the members.

It was decided to indicate the value addition in the degree as name of the specialization on successful completion of Departmental Specialization credits as in case of Minor Specialization. It was decided that 'Honours' will

not be indicated on the degree' on successful completion of Departmental Specialization credits.

Agenda 3: To approve correction of typing mistakes in CBCSUG-2020.

In II meeting of UD Academic Council, CBCSUG-2020 was approved, but there are some typing mistakes. The mistakes and their correction are shown below:

In Section 2.19 'Industrial Training', the word 'Units' may kindly be replaced by 'Credits' at p.p.:31 and 32 of CBCSUG-2020.

In Section 4.1 'Overall requirement', at point 'e', p.p.: 44, the statement may be read as 'electives can be taken outside or within the discipline; these credits cannot be used towards departmental specialization or minor area also (see Sec 4.6)' in place of 'electives can be taken outside or within the discipline; these credits can be used towards departmental specialization or minor area also (see Sec 4.6)'.

In Section 2.9 'Grading System', at p.p.: 23, the statement 'A part-time M. Tech. student is permitted a maximum of two X-grades in the major project part- 2' may kindly be removed.

Members are requested to approve the same.

Resolution: The Agenda was approved by the members. It was also decided to incorporate these changes in CBCSUG-2020.

Agenda 4: To approve BOS of UD departments.

In pursuance of CBCS Regulations, the BOS of UD departments (enclosed as Annexure 1) is placed for kind perusal of members.

Members are requested to approve the same.

Resolution: The Agenda was approved by the members.

Agenda 5: To approve policies and guidelines regarding academics and examination which are not in practice during pre COVID periods (Normal circumstances).

The extra ordinary situation has arisen due to COVID-19 and has forced the administration to adopt policies regarding academics and examination which are not in practice during pre COVID periods. Govt. of Rajasthan, Office of HVC and COE have been issuing guidelines for the academics and examination process.

Members are requested to approve the same for UD.

Resolution: The Agenda was approved by the members.

Agenda 6: To approve revision of minimum earned credit/unit requirement for B. Tech. degree

CBCS regulations at Section 4.1 'Overall Requirements' states that the minimum credits required to obtain UG degree is 164 credits and 11 Non – graded units.

As Discussed in the meeting at large and as per the demand of UDBOS conveners, members requested to change the minimum credits required to obtain UG degree may be 170 credits and 11 Non – graded units in place of 164 credits and 11 Non – graded units.

Resolution: The Agenda was approved by the members. It was decided to change the minimum credits required to obtain UG degree shall be 170 credits and 11 Non – graded units in place of 164 credits and 11 Non – graded units.

Agenda 7: To approve revision of Weightages of credits to Institute Core, Departmental Core and B. Tech. Project.

CBCS regulations at Section 4.2 'Break up of Degree Requirement' states that:

The minimum earned credit/unit requirement for B. Tech. degree are given in Table 4.1

Table 4.1 : Degree requirements of B.Tech. programmes

S.No.	Category	Symbol	B. Tech. Requirements	Remarks
1	Institute Core	IC	55 Credits	Common to all disciplines
2	Departmental core	DC	90 with min 15 as DE	Discipline specific
3	Departmental Elective	DE		
4	Open Category	OC	10 Credits	Open to student's choice
5	Industrial Training	TR	05 Credits	Discipline specific
6	SODECA (ANANDAM)	-	04 Credits	Common to all disciplines
	Non-graded Core	NG	11 units	See Sec. 4.3
	Total		164 Credits +11 non graded units	

Members are requested to approve the same for UD.

Resolution: The Agenda was approved by the members.

Agenda 6: To approve revision of minimum earned credit/unit requirement for B. Tech. degree

CBCS regulations at Section 4.1 'Overall Requirements' states that the minimum credits required to obtain UG degree is 164 credits and 11 Non – graded units.

As Discussed in the meeting at large and as per the demand of UDBOS conveners, members requested to change the minimum credits required to obtain UG degree may be 170 credits and 11 Non – graded units in place of 164 credits and 11 Non – graded units.

Resolution: The Agenda was approved by the members. It was decided to change the minimum credits required to obtain UG degree shall be 170 credits and 11 Non – graded units in place of 164 credits and 11 Non – graded units.

Agenda 7: To approve revision of Weightages of credits to Institute Core, Departmental Core and B. Tech. Project.

CBCS regulations at Section 4.2 'Break up of Degree Requirement' states that:

The minimum earned credit/unit requirement for B. Tech. degree are given in Table 4.1

Table 4.1 : Degree requirements of B.Tech. programmes

S.No.	Category	Symbol	B. Tech. Requirements	Remarks
1	Institute Core	IC	55 Credits	Common to all disciplines
2	Departmental core	DC	90 with min 15 as DE	Discipline specific
3	Departmental Elective	DE		
4	Open Category	OC	10 Credits	Open to student's choice
5	Industrial Training	TR	05 Credits	Discipline specific
6	SODECA (ANANDAM)	-	04 Credits	Common to all disciplines
	Non-graded Core	NG	11 units	See Sec. 4.3
	Total		164 Credits +11 non graded units	

CBCS regulations at Section 2.18 (a) 'B. Tech. Project' states that: The course will be offered in Final Year of B. Tech. program and its total duration will be two semesters. Project will be carried out in two semesters. Project part 1 and Project part 2 will carry 4 credits each and will be carried out in VII and VIII semesters respectively.

As mentioned in Agenda 6 and keeping in total credits 170 for the B. Tech. degree, credits for project work in B. Tech. may be increased to 10 (present credits 8) and therefore, a division of 4+6 credits may be adopted in final year project work (present credits 4+4).

As mentioned in Agenda 6 and keeping in total credits 170 for the B. Tech. degree, credits for departmental core may be increased to 101 (present credits 90) and institute core may be changed to 50 (present 55).

It is proposed to revise the credits for courses General Studies and Indian Constitution from 4 to 2 and that of Economics and Financial Management from 4 to 3. Thus the credits of Humanities and Social Sciences may be revised from 15 to 10.

Members are requested to approve the same.

Resolution: The Agenda was approved by the members. It was decided to modify the minimum earned credit/unit requirement for B. Tech. degree as summarized in following Table. This Table will replace the Table 4.1 at Section 4.2 of CBCS regulations 'Break up of Degree Requirement'.

Degree requirements of B.Tech. programmes

S.No.	Category	Symbol	B. Tech. Requirements	Remarks
1	Institute Core	IC	50 Credits	Common to all disciplines
2	Departmental core	DC	101 Credits to DC with min 15 Credits as DE and total 10 Credits for B. Tech Project.	
3	Project	DC		
4.	Departmental Elective	DE		Discipline specific
5	Open Category	OC	10 Credits	Open to student's choice
6	Industrial Training	TR	05 Credits	Discipline specific
7	SODECA (ANANDAM)	-	04 Credits	Common to all disciplines
	Non-graded Core	NG	11 units	See Sec. 4.3
	Total		170 Credits +11 non graded units	

Agenda 8: To approve revision of number of students in OPEN ELECTIVE and apply the same criterion for Minor Specialization and Departmental Specialization.

CBCS regulations at Section 3.3 Maximum and Minimum Number of Students for an elective Course states that: The maximum and minimum number of students requirements for elective course is shown below.

Table-3.1

Type of Elective	Number of Students	
	Maximum	Minimum
Open elective	90	20
Departmental elective	-	Minimum of 10 or actual number of student admitted

Keeping in view the possible demand of some courses of OPEN Elective, the maximum number of students may be increased to 150 from the present 90.

It is also proposed to apply same criteria as in open elective for Minor and Departmental specialization.

Members are requested to approve the same.

Resolution: The Agenda was approved by the members. Table 3.1 at Section 3.3 of CBCS regulations for Maximum and Minimum Number of Students for an elective Course is modified as:

Type of Elective	Number of Students	
	Maximum	Minimum
Open elective	150	20
Minor Specialization	150	20
Departmental Specialization	150	20
Departmental elective	-	Minimum of 10 or actual number of student admitted

Agenda 9: To approve the 'Advisory Document' for the implementation of Outcome Based Education in B Tech Programs.

NBA has granted accreditation of five B Tech programs running in the University Departments. Some steps taken in recent times, mainly to connect curriculum components to the program outcomes, helped in it. However, the comments of the evaluators in exit meeting and in reports thereon have

advised to establish/maintain few practices/academic reforms and continuous improvements for aligning teaching- learning in UD to Outcome Based (OBE).

In this connection, implementation of few OBE measures in line with the document of exam reforms of the AICTE (2018) and other NBA requirements as detailed in the Annexure 2 are proposed from academic session 2021-2022

Members are requested to consider approving the same.

Resolution: The Agenda was approved by the members.

Agenda 10: To approve the Criterion of eligibility for Capability-linked options (Minor Specialization and Departmental Specialization) for student admitted through Lateral Entry in Engineering Program (LEEP).

As mentioned in Section 4.8 and Section 5 of CBCSUG-2020, a student who clears all the first year credit requirements with CGPA 7.0 and above are eligible to register for additional credits from third semester onwards towards the following Capability-linked options.

Students, who get the admission through Lateral Entry in Engineering Program (LEEP) may be required to earn equivalent CGPA 7.0 and above in their qualifying examination for LEEP to register for additional credits from third semester onwards towards the Capability-linked options (Minor Specialization and Departmental Specialization).

Members are requested to consider approving the same.

Resolution: The Agenda was approved by the members.

Agenda 11: To approve the scheme of floating the Open Category courses as mentioned in Section 4 and 4.1 of CBCSUG-2020 in IV to VII semesters.

It is proposed to float the Open Category courses as mentioned in Section 4 and 4.1 of CBCSUG-2020 in IV to VII semesters.

Members are requested to consider approving the same.

Resolution: The Agenda was approved by the members.

Agenda 12: To approve change of the course name 'Advanced Mathematics (Branch specific)' and its Course code as per the need and desire of the respective BOS in consultation with the Course Coordinator appointed by BOS, HEAS.

Members are requested to consider approving the same.

Resolution: The Agenda was approved by the members.

The meeting ended with a vote of thanks to The Chair

Prof Anil K. Mathur

Chairman, UDAC

For kind approval

HVC

OFFICE OF THE DEAN, FACULTY AFFAIRS, UNIV. DEPTT. RTU, KOTA

F(101)/Gr.1/DFA/ / /2020/ 1070-1092

Dated: 28·cl 2021
25.01.2021

OFFICE ORDER

In order to maintain governance of Academic Autonomy under the provision of CBCS Regulation-2017 for UG Program, Rule R-3, a committee of UD Board of Studies for **Computer Science & Engineering** departments, consisting of the following members as per composition laid down in Appendix-A-2 of CBCS Regulation-2017, is hereby constituted in consultation with HoD, Computer Science & Engineering. **The tenure of committee BOS will be for two years.**

SN	Name	Designation	E-mail	Mobile No.
Faculty Members Specialization				
1	Dr. R.K.Banyal	HoD	rkbanyal@rtu.ac.in	9460494327
2	Dr, Harish Sharma	Asso. Prof.	hsharma@rtu.ac.in	9461174365
3	Mrs. Nirmala Sharma	Asstt. Prof.	nsharma@rtu.ac.in	9413733199
4	Ms. Parul Chauhan	Asstt. Prof.(NPIU)	parulchauhan.shimla@gmail.com	9736818928
5	Mr. Yash Sharma	Asstt. Prof.(NPIU)	yashsharma09147@gmail.com	9462635287
Two Experts from Outside, UD				
6	Dr. Virendra Ranga	Professor, NIT, Kurukshetra	virendra.ranga@nitkkr.ac.in	9416158283
7	Mr. Narendra Jain	Sr. Lecturer, Govt Polytech. College, Kota	njainkota@gmail.com	9414314907
Two Eminent Industry/Corporate Person				
8	Mr. Sushobhan Mukherjee	Co-Founder Prime Infoserv LLP, Chairman, Infosec Foundation	smukherjee@primeinfoserv.com	9830017040
9	Dr. Manish Kumar Jain	International Corporate Trainer, Technical Consultant, Data Scientist, CTO, IFDE Infotech	manishjain.storage@gmail.com	7721818406
One Distinguished Alumni				
10	Prof. Rishipal Singh	Professor, GJUS&T, Hisar	pal_rishi@yahoo.com	9215244224

Dean FA 28· 1

Copy to:
1. PS to HVC
2. Registrar
3. FC
4. All HoDs ------------------
5. Chairman UDAE
6. Person concerned
7. Chief Proctor
8. Chairman Exam
9. Office File NO. 1 & 37

Dean FA 28· 1

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(Precaution is the treatment of COVID-19. Keep social distancing, wear mask, wash hands with soap repeatedly.)

No. F(101)Gr.1/RTU/DFA/2021/ 4412-4435   Date: 9/4/2021

OFFICE ORDER

In order to maintain governance of Academic Autonomy under the provision of CBCS Regulation – 2017 for UG Program, Rule R-3, a committee of UD Board of Studies for Petrochemical Engineering Department, consisting of the following members as per composition laid down in Appendix A – 2 of CBCS Regulation – 2017, is hereby constituted in consultation with HoD, Petroleum Engineering Department. The tenure of committee BOS will be for two years.

S.No	Name	Designation	E-mail	Contact No.
Faculty Members Specialization				
1	Dr. Anil K. Mathur	Professor & Head	akmathur@rtu.ac.in	9414572063
2	Dr. A. K. Dwivedi	Professor	akdwivedi@rtu.ac.in	9414260887
3	Sh. N. K. Verma	Assistant Professor	nkverma0508@gmail.com	9887068838
4	Sh. Manoj Vaishnav	Assistant Professor	mvaishnav@rtu.ac.in	8979585827
5	Sh. Dinesh Kumar	Assistant Professor	dineshbishnoi.geo.87@gmail.com	7665886128
6	Sh. Ritesh Patidar	Assistant Professor	rpatidar@rtu.ac.in	8440090612
Two Experts from Outside, UD				
7	Dr. Kailash Singh	Associate Professor, MNIT, Jaipur	ksingh.mnit@gmail.com	9887867605
8	Dr. Bhaskar Bhaduri	Assitant Professor, IIT Kharagpur	bhaskar@che.iitkgp.ac.in	9748045400
Two Eminent Industry/Corporate Person				
9	Mr. K. M. Tondon	Ex Senior Adviser, DCM Shriram fertilizer	kmtondon@gmail.com	9829231013
10	Mr. Ajay Pratap Singh	Engineer, Numaligarh Refinery Ltd., Assam	ajay.singh@nrl.co.in	8005768096
One Distinguished Alumni				
11	Mr. Sonal Rajoria	Research Scholar, MNIT, Jaipur	sonalrajoria11@gmail.com	9521421253

Dean F.A.

Copy to:
1. PS to HVC
2. Registrar
3. FC
4. All HoDs
5. Chairman UDAE

No. F(101)Gr.1/RTU/DFA/2021/ 4461 - 4484   Date: 9/4/2021

OFFICE - ORDER

In order to maintain governance of Academic Autonomy under the provision of CBCS Regulation – 2017 for UG Program, Rule R-3, a committee of UD Board of Studies for Civil Engineering Department, consisting of the following members as per composition laid down in Appendix A – 2 of CBCS Regulation – 2017, is hereby constituted in consultation with HoD, Civil Engineering Department. The tenure of committee BOS will be for two years.

S.No	Name	Designation	E-mail	Contact No.
Faculty Members Specialization				
1	Dr. Anil K. Mathur	Professor & Head	akmathur@rtu.ac.in	9414572063
2	Dr. A. K. Dwivedi	Professor	akdwivedi@rtu.ac.in	9414260887
3	Dr. Praveen Kumar	Professor	pkagarwal@rtu.ac.in	9414596454
4	Dr. Ajay Bindlish	Professor	abindlish@rtu.ac.in	9460941135
5	Dr. K. S. Grover	Professor	ksgrover@rtu.ac.in	9414488463
6	Dr. M. P. Choudhary	Associate Professor	mpchoudhary@rtu.ac.in	9352353627
Two Experts from Outside, UD				
7	Dr. RajatRastogi	Professor	rajat.rastogi@ce.iitr.ac.in	9411501555
8	Dr. Sanjay Mathur	Professor	smathur.ce@mnit.ac.in	9549654213
Two Eminent Industry/Corporate Person				
9	Sh. Mahesh Vaishnav	Director RCCPL	rcc.1ho@gmail.com	9351715093
10	Sh. R. P. Sharma	Bridge/ Structure Engineer, Theme Engineering	rpsharma1234@gmail.com	9414392288
One Distinguished Alumni				
11	Sh. Piyush Goyal	Director, Aakaar Consultants	aakaar_piyush@yahoo.co.in	9414186099

Dean F.A.

Copy to:
1. PS to HVC
2. Registrar
3. FC
4. All HoDs
5. Chairman UDAE
6. Person Concerned CE Deptt.
7. Chief Proctor
8. Chairman Exam
9. Office File No 1 & 17

Dean F.A.

No. F(101)Gr.1/RTU/DFA/2021/4436-4460   Date: 9/4/2021

OFFICE ORDER

In order to maintain governance of Academic Autonomy under the provision of CBCS Regulation – 2017 for UG Program, Rule R-3, a committee of UD Board of Studies for Petroleum Engineering Department, consisting of the following members as per composition laid down in Appendix A – 2 of CBCS Regulation – 2017, is hereby constituted in consultation with HoD, Petroleum Engineering Department. The tenure of committee BOS will be for two years.

S.No	Name	Designation	E-mail	Contact No.
Faculty Members Specialization				
1	Dr. Anil K. Mathur	Professor & Head	akmathur@rtu.ac.in	9414572063
2	Dr. A. K. Dwivedi	Professor	akdwivedi@rtu.ac.in	9414260887
3	Sh. N. K. Verma	Assistant Professor	nkverma0508@gmail.com	9887068838
4	Sh. Manoj Vaishnav	Assistant Professor	mvaishnav@rtu.ac.in	8979585827
5	Sh. Dinesh Kumar	Assistant Professor	dineshbishnoi.geo.87@gmail.com	7665886128
6	Sh. Ritesh Patidar	Assistant Professor	rpatidar@rtu.ac.in	8440090612
Two Experts from Outside, UD				
7	Dr. Ajay Mandal	Professor, IIT, ISM Dhanbad	ajay@iitism.ac.in	9431711017
8	Dr. Ashish Yadav	Assistant Professor, IITR	ashish@ch.iitr.ac.in	7897139106
Two Eminent Industry/Corporate Person				
9	Dr. Vishwanath Benerjie	Ex. Executive Director, ONGC	vbenerjie@rediffmail.com	9428007000
10	Mr. Praduman Singh Rathore	Data Scientist, Halliburton	pradhyumna85@gmail.com	9414651589
One Distinguished Alumni				
11	Mr. Amit Nitharwal	AEE, ONGC	nitharwal_amit@ongc.co.in	7085061213

Dean F.A.

Copy to:

1. PS to HVC
2. Registrar
3. FC
4. All HoDs
5. Chairman UDAE
6. Person Concerned PE (CE Deptt)

OFFICE OF THE DEAN, FACULTY AFFAIRS, UNIV. DEPTT. RTU. KOTA

F(101)/Gr.1/DFA/ /2020/ 10 3 -1118

Dated: 28.01.2021
25.01.2021

OFFICE ORDER

In order to maintain governance of Academic Autonomy under the provision of CBCS Regulation-2017 for UG Program, Rule R-3, a committee of UD Board of Studies for Mechanical Engineering & Production & Industrial Engineering departments, consisting of the following members as per composition laid down in Appendix-A-2 of CBCS Regulation-2017, is hereby constituted in consultation with HoD, Mechanical Engineering department. The tenure of committee BOS will be for two years.

SN	Name	Specialization	Designation	E-mail	Mobile No
HoD Concerned					
1	Prof. V.K.Gorana	Production	Asso. Prof.	vkgorana@rtu.ac.in	9413047429
Faculty Members Specialization					
2	Prof. S.K.Rathore	Design	Professor	skrathore@rtu.ac.in	9414485146
3	Prof. S.K.Parashar	Design	Professor	skparashar@rtu.ac.in	9414666748
4	Prof. R.Shringi	Industrial	Professor	rshringi@rtu.ac.in	9461182531
5	Prof. A.K.Chaturvedi	Industrial	Professor	akchaturvedi@rtu.ac.in	9414272168
6	Prof. Sanjeev Mishra	Production	Professor	smishra@rtu.ac.in	9414556516
7	Dr. Shiv Lal	Thermal	Asso. Prof.	sl@rtu.ac.in	9636855553
8	Dr. Vikas Bansal	Thermal	Asso. Prof.	vbansal@rtu.ac.in	9982378283
Two Experts from Outside					
9	Dr. Pavan Kankar	Design & Vibration	Asso. Prof., IIT, Indore	pkankar@iitidmj.ac.in	9425807612 6261644081
10	Prof. V.K.Gupta	Design	Professor, IIT, Jabalpur	vkgupta@iiitdmj.ac.in	9425163037
Person from Industy					
11	Sh. Prveen Bhandari		CEO, Praman Enterprises, Kota	praman_con@gmail.com	9413734208
12	Sh. Ashok Patani		C&I, Calibration Pvt. Ltd	ashokpatnijain@gmail.com	9414177577
Postgraduate Meritorious Alumnus					
13	Sh. Gitesh Vijay	Production & Indus.	Asso. Prof.	g_vijay@yahoo.co.in	9414391883

Dean FA

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1. PS to HVC
2. Registrar
3. FC
4. All HoDs ----------------
5. Chairman UDAE
6. Person concerned
7. Chief Proctor
8. Chairman Exam
9. Office File NO. 1 & 37

Dean FA

(Precaution is the treatment of COVID-19. Keep social distancing, wear mask, wash hands with soap repeatedly.)

OFFICE OF THE DEAN, FACULTY AFFAIRS, UNIV. DEPTT. RTU, KOTA

F(101)/Gr.1/DFA/ / /2020/1369 - 1391

Dated:
05.02.2021

OFFICE ORDER

In order to maintain governance of Academic Autonomy under the provision of CBCS Regulation-2017 for UG Program, Rule R-3, a committee of UD Board of Studies for **Electronics & Communication Engineering**, consisting of the following members as per composition laid down in Appendix-A-2 of CBCS Regulation-2017, is hereby constituted in consultation with HoD, Electronics & Communication Engineering. **The tenure of committee BOS will be for two years.**

SN	Name	Designation	Address	Mobile No.
Head of the Department				
1	Dr. Rajeev Gupta	Professor	Deptt. Of EC., UD RTU Kota	9414596958
Faculty members representing Different Specialization				
2	Dr. R. Maheshwari	Professor	Deptt. Of EC., UD RTU Kota	8949210139
3	Dr. R.S.Meena	Professor	Deptt. Of EC., UD RTU Kota	9929517745
4	Dr. Mithilesh Kumar	Professor	Deptt. Of EC., UD RTU Kota	9530098632
5	Dr. Manisha Bhandari	Professor	Deptt. Of EC., UD RTU Kota	9414252305
Experts in subject from Outside UD				
6	Prof. Vineet Sahula	Professor	MNIT, Jaipur	
7	Prof. A.R.Garg	Head Electrical	MBM Engg. College, Jodhpur	
Representatives from Industry/Allied Area Relating to Placement				
8	Mr. K.S.chauhan	Industrialist	Contrive Unit G1-232, Kuber Indus. Area, Ranpur, Kota	9414180638
9	Mr. Sanjay Yadav	Executive Director	Jaipur Metro, Jaipur	7728895407
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10	Prof. Ravi Sindal	Professor(EIC)	Devi Ahilya University, Indore.	

Dean FA

Copy to:
1. PS to HVC
2. Registrar
3. FC
4. All HoDs ------------- E C Deptt
5. Chairman UDAE
6. Person concerned---------------------
7. Chief Proctor
8. Chairman Exam
9. Office File NO. 1 & 38

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(Precaution is the treatment of COVID-19. Keep social distancing, wear mask, wash hands with soap repeatedly.)

ADVISORY DOCUMENT FOR IMPLEMENTATION OF OBE

AICTE vide its document named 'Examination Reform Policy' released in November 2018, recommends several measures for implementation of Outcome Based Education (OBE). Many of these have already been implemented in the University Departments, which helped in grant of five B Tech programs Accreditation by NBA. Now information is freely available, thereby, requiring skills of higher order beyond remembering and comprehension in the students. To enable sustained implementation of several actions taken in recent times, to improve connection of examination questions/assessment tools to the Program Outcomes and structuring few new practices, the following is proposed to be ensured/implemented from academic session 2021-2022:

1. Undergraduate Department Academic Committee (UGDAC), as prescribed in CBCS Regulations 2020 shall oversee teaching strategies, learning activities, assessments and resources etc., which will all be designed and organized to help students achieve the learning outcomes at the course level.

2. Exercise of curriculum revision of B Tech IInd year to IV th year in line with CBCS 2020 (and in any future revisions thereon), shall be based on OBE with the CO- PO matrix and course outcomes (CO). These shall be spelled out alongwith syllabus for the knowledge of stakeholders.

3. The competencies and performance indicators as prescribed in the AICTE document of Exam reforms shall be kept in mind by all the teachers and monitored by the UGDAC/any other committee prescribed by the Department/s, for deciding COs, Rubrics (assessment tools) and examination questions, assignments, project exercises etc.

4. Assessment plans of each course shall be prepared by the respective course coordinator/s and presented to UGDAC or to the other authorised committee of the Department, if specifically prescribed, for perusal and modifications, if any, within a period of 15 days of subject allotment for teaching. He/she shall prepare it in line with Bloom's taxonomy. The first three learning levels: remembering, understanding and applying and to some extent fourth level analysing are to be assessed in the Internal assessment (consisting of mid-term tests and assignments during the semester) and end semester exam. Abilities: analysis, evaluation and creation shall be assessed in extended course works or in a

variety of student works like course projects, mini/ minor projects, internship/industrial training experience, experiential opportunities and B Tech final year projects etc.

5. UGDAC or other related committee as decided by the Departments, shall review the weightage for the Bloom's learning levels for each of the courses taught in the B Tech programme/s and modify, wherever required. It shall ensure that the examination papers have questions distributed to the different levels of learning without a tilt towards a tough or easy paper perception. Upper limit for lower order skills (for knowledge-oriented questions- level one to level 3) should be decided for each subject by the committee in consultation with the course coordinator/s yearly (reviewed by the committee based upon the performance of students). This limit is to be in the range of 50 to 75 % for B Tech courses, depending upon the nature of different courses.

6. Departments shall endeavor for preparation of E portfolio of student works.

7. Detailed rubrics involving three components within rubrics namely (i) criteria / performance Indicator: the aspects of performance that will be assessed, (ii) descriptors: characteristics that are associated with each dimension, and (iii) scale/level of performance: a rating scale that defines students' level of mastery within each criterion; shall be decided for Seminar, Industrial training and BTech Project in addition to each of the laboratory and sessional courses and communicated to the students at the start of the related course/s

8. Departments shall endeavour that the teacher's profile available on the website preferably lists the courses being taught and its rubrics, within one month of start of the semester.

9. The weightage of end term exam : internal assessment in computing CO attainment shall be decided by the UGDAC/Board of studies. It may be different for theory and practical courses. As far as possible, the weightage of all theory subjects taught in a programme may be similar. Similarly, for the practical courses. The weightage be preferably within +- 10 % of the weightage as prescribed in the concerned teaching scheme from 2021-2022. The weightage may be reviewed yearly by the UGDAC/BOS, depending upon the performance and attainment values.

10. The weightage of Direct assessment : Indirect assessment, as prescribed by NBA for computing attainment shall be decided by the UGDAC/Board of studies. It may be reviewed yearly by the UGDAC/BOS, depending upon the performance and attainment

values. The weightage be preferably within +- 15 % of 70:30.