

RAIPUR INSTITUTE OF TECHNOLOGY

(Under the aegis of Mahanadi Education Society)

Approved by AICTE, New Delhi, Affiliated to CSVTU, Bilai



ACADEMIC YEAR

2020-21

RAIPUR INSTITUTE OF TECHNOLOGY

(Under the aegis of Mahanadi Education Society)

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SINCE 1995

RIT/Principal/Addon/2020-21/0108

CIRCULAR

Add-on Certificate

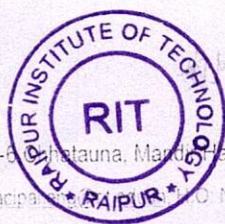
Date: 01/08/2020

This is to notify that the "Add-on certificate Courses" will be scheduled for all the Department for Session 2020-21 on date described below.

All HODs of the respective department are requested to kindly conduct the meeting with all the concerned faculties to plan for the preparation of "Add-on Certificate Course".

HODs are required to submit the report of the Add-on certificate course within 5 days of the course to the principal's office.

Sl	Title	Branch	Duration
1.	Hands on Basic numeracy	Biotechnology, Chemical, CSE, Civil, ET&T, EEL, Mechanical	30 Hours
2.	Creative Writing	Biotechnology, Chemical, CSE, Civil, ET&T, EEL, Mechanical	30 Hours
3.	Tissue Engineering	Biotechnology Engineering	30 Hours
4.	Legal genetic training	Biotechnology Engineering	30 Hours
5.	Bio gas	Chemical Engineering	30 Hours
6.	Bio diesel plant	Chemical Engineering	30 Hours
7.	Earthquake Effects on Structures	Civil Engineering	30 Hours
8.	Advanced Design of Concrete Structures	Civil Engineering	30 Hours
9.	Programming in C	Computer Science Engineering	30 Hours
10.	Cyber Security	Computer Science Engineering	30 Hours
11.	Introduction To MATLAB	EEE, ET & T	30 Hours
12.	MATLAB Understanding of Communication Tool Box	EEE, ET & T	30 Hours
13.	MATLAB	Mechanical Engineering	30 Hours
14.	ANSYS	Mechanical Engineering	30 Hours
15.	Entrepreneurship & Family Business	Master of Business Administration	32 Hours
16.	Six Sigma	Master of Business Administration	30 Hours



[Signature]
PRINCIPAL

Principal
Raipur Institute of Technology

RAIPUR INSTITUTE OF TECHNOLOGY

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DEPARTMENT OF 1st Year

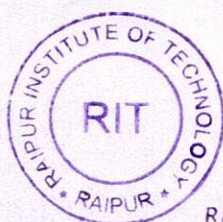
Minutes of Meeting

Date: - 01/08/2020

Department of 1st Year had conducted the meeting on 01/08/2020 to finalize the Add on courses to be offered for the current academic year 2020-2021. Head of the Department and all the faculty members were present in the meeting and discussed about the gaps identified in the curriculum. After analyzing the identified curriculum gaps, the members of the meeting have finalized the following course to offer as Add on courses for the students during the academic year 2020-21.

SN	Name of Course	Semester	Duration	Coordinator
1	Hands on Basic numeracy	1 st Semester	30 Hours	Dr. Krishna Kumar Pathak
2	Creative Writing	2 nd Semester	44 Hours	Dr. Animesh Sharma

K. Pathak
Head of Department



[Signature]
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RAIPUR INSTITUTE OF TECHNOLOGY

Campus: NH-6, Chhatauna, Mandir Hasaud, Raipur (C.G.) 492101 Ph: 9522173000, 9522174000 Website: www.riteengineeringeducation.com

E-mail: principal.eng@rit.edu.in, H.O: Near Bal Ashram, Kutchery Chowk, Jail Road Raipur 492001 Chhattisgarh Ph: 0771-5261011, 0771-5261012

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Date: - 02/08/2020

DEPARTMENT OF 1st Year

Circular

Following departments are going to conduct certificate program on given subject in the academic session 2020-2021. This certificate course will be scheduled minimum of 30 hours. All the interested students may register their name in the respective department.

SN	Name of Course	Department	Intake/Seats
1	Hands on Basic numeracy	1 st Year	80
2	Creative Writing	1 st Year	80

2. Kothak
Head of Department



[Signature]
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SYLLABUS

Name of Program - Bachelor of Engineering

Branch - 1st Year

Subject - Hands on Basic numeracy

Total Periods - 21 days (30 hours)

Code - 012HBN

Duration - 08/08/2020 to 05/09/2020

Modules

1. Number System - Real Numbers, Rational numbers, irrational numbers, Natural numbers, integers, Whole numbers, Positive and Negative integers
2. Algebra - BODMAS rule to simplify binary operations based numerical problems.
3. Indices and Surds - Rule of indices, Rule of Surds, Relation between them, Applications
4. One Variable Word problems - Linear equation involving one variable only, Simple word problems
5. Average - Types of average, Combined average, Properties of Averages
6. Percentage - Fraction numbers and percentage, problems involving simple percentage
7. Ratio- Proportion - Ratio of two values, Type of Proportion, Application
8. Speed and Distance - Definition and properties, Distance based problems

Prakash
Head of Department



Prakash
PRINCIPAL

Campus: NH-6, Chhatauna, Mandir Hasaud, Raipur (C.G.) Ph: 0771-2622174000 Website: www.riteengineering.edu.in

E-mail: principal_eng@rit.edu.in, H.O: Near Bal Ashram, Kutchery Chowk, Chhatauna, Mandir Hasaud, Raipur (C.G.) Ph: 0771-2622174000

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SYLLABUS

Name of Program - Bachelor of Engineering

Branch - 1st Year

Subject - Creative Writing

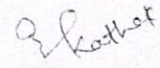
Total Periods - 21 days (44 hours)

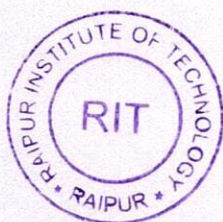
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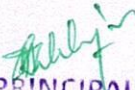
Duration - 08/08/2020 to 05/09/2020

Modules

- **Creative Skills Development** - Through building brainstorming techniques, discovering methods for overcoming writer's block, and drawing inspiration from the world around them, students learn how to spark and maintain their creative flow.
- **Multimedia Storytelling** - Students will learn the building blocks of visual storytelling, such as how to communicate moods, emotions, ideas, sounds, and scenery through props.
- **Scriptwriting Techniques** - Students will learn the fundamentals of formatting using industry-standard software, structural techniques, character development, conflict, and scene construction.


Head of Department




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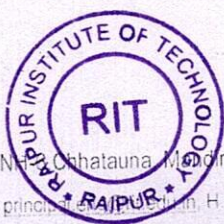
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Student list of Participation and Training in Hands on Basic numeracy, RIT 2020-21

S.No.	Enrollment no	Name	Remark
1	BK1907	Anjali Bhonsle	P
2	BK1910	Athrva Trivedi	P
3	BK1917	Dhannu Verma	P
4	BK1921	Divya Sahu	P
5	BK1926	Ekta Sahu	P
6	BK1930	Gulshan Kumar Tandon	P
7	BK1936	Harsh Ghrilahare	P
8	BK1939	Kajal Jalkshatri	P
9	BK1943	Mansi Chandrakar	P
10	BK1947	Mansi Dhandhi	P
11	BK1951	Pandru Gota	P
12	BK1954	Poonam Sahu	P
13	BK1959	Pratham Kolare	P
14	BK1963	Priyanka Verma	P
15	BK1974	Purnima Verma	P
16	BK1980	Rahul Thomas	P
17	BK1984	Sagar Jangde	P
18	BK1990	Sakshi Sahu	P
19	BK1997	Shambhavi Sahu	P
20	BK2003	Sunanda Sahu	P
21	BK2008	Ujjawal Kumar Shukla	P
22	BK2013	Varsha Soi	P
23	BK2018	Vishek Kr Sharma	P
24	BK2024	Yamini	P
25	BK2030	Ayush Patel	P
26	BK2793	Aayushi Panigrahi	P
27	BK2802	Amarsingh Kaehlam	P
28	BK2810	Joshna Lal	P
29	BK2061	Akshat Vishwakarma	P
30	BK2841	Khilesh Anju Chauhan	P
31	BK2856	Niharika Kandra	P
32	BK2888	Pushpanjali Verma	P
33	BK2916	Shrishti Sharma	P
34	BK2931	Sulendra Kumar Nureti	P
35	BK2942	Tamanna Prarthana Samuel	P
36	BK2074	Anant Biswas	P
37	BK2957	Tekram Lodhi	P
38	BK1303	Lakshya Kumar Kashyap	P
39	BK1379	Mariyam Nadeem	P
40	BK2271	Abhijeet Mukherjee	P



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Head of Department

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Student list of Participation And Training in Hands on Creative Writing, RIT 2020-21

S.No.	Name	Enrollment No.	Attendance
1	Salima Bhagat	BH1199	P
2	Hiramani Das Manikpuri	BH2152	P
3	Atharva Sandip Joshi	BH3564	P
4	Abhishek Dongre	BH4767	P
5	Atul Gupta	BH4768	P
6	Domeshwar Prasad Sahu	BH4769	P
7	Tulash Sahu	BH4770	P
8	Vijay Sahu	BH4771	P
9	Anoushka Singh	BH4879	P
10	Ansh Yadav	BH4880	P
11	Barkha	BH4881	P
12	Himanchal Sahu	BH4882	P
13	Mohan Lal Sahu	BH4883	P
14	N Lavanya	BH4884	P
15	Nandita Bhoyar	BH4885	P
16	Narottam Kunmar Bhaskar	BH4886	P
17	Riya Pal	BH4887	P
18	Satyanranyan	BH4888	P
19	Shahin Ansari	BH4889	P
20	Sudhir Sahu	BH4890	P
21	Twinkle Sahu	BH4891	P
22	Vishv Nath	BH4892	P
23	Yashraj Singh Kaushik	BH4893	P
24	Abdul Rauf	BH4414	P
25	Chhayank Kumar Sahu	BH4415	P
26	M Sai Jagan	BH4416	P
27	Nooruddin Kuwawala	BH4417	P
28	Sachin Soni	BH4418	P
29	Shrutika Dewangan	AR4973	P
30	Falendra Sahu	BH0566	P
31	Pushpendra Kumar	BH0567	P
32	Utkarsh Thakur	BH0568	P
33	Kushal Srivastav	BH1197	P
34	Anisha Lakra	BH2127	P
35	Anshul Pradhan	BH2128	P
36	Aradhana Bandhade	BH2129	P
37	Bhupesh Kumar Banjare	BH2130	P
38	Gagan Verma	BH2131	P
39	Harsh Chandrakar	BH2132	P
40	Hemlal	BH2133	P
41	Keshav Anand	BH2134	P
42	Khyati Choudhary	BH2135	P

Campus: NH-6, Chhatrapur, Mandir Hasaud, Raipur (C.G.) - 492101. Phone: 0771-9522174000 Website: www.riteengineeringeducation.com

E-mail: principal.rit@rit.edu.in, H.O. Near Bal Ashram, Kutcheri Chowk, Jail Road, Raipur (C.G.) - 492001. Phone: 0771-9522292121, 4036153

RAIPUR INSTITUTE OF TECHNOLOGY
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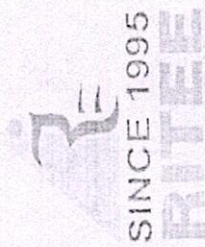
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43	Lokesh Lakhe	BH2136	P
44	Manish Verma	BH2137	P
45	Mayank Dubey	BH2138	P
46	Monisha Dhruw	BH2139	P
47	Pawan Dhariwal	BH2140	P
48	Piyush Tidke	BH2141	P
49	Rahul Yadav	BH2142	P
50	Rupanshu Painkra	BH2143	P
51	Rupesh Sinha	BH2144	P
52	Sandhya Banjare	BH2145	P
53	Shikha Gadewal	BH2146	P
54	Simran Jangde	BH2147	P
55	Taslim Ansari	BH2148	P
56	Tej Kiran	BH2149	P
57	Venugopal Khandelwal	BH2150	P
58	Yashwant Kumar Sahu	BH2151	P

R. Kothak
Head of Department



Abhishek
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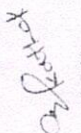
CERTIFICATE OF COMPLETION

Mr. / Ms. SALIMA BHAGAT B. Tech. 2nd Semester of RITEE through His / Her hard work and dedication has completed 21 days (30 Hours) training on "CREATIVE WRITING" from 08/08/2020 to 05/09/2020 in Session: 2020-2021

During the period of this training program with us. He / She was found punctual, hardworking and inquisitive. We wish Him / Her every success in forthcoming endeavors.


PROGRAM COORDINATOR

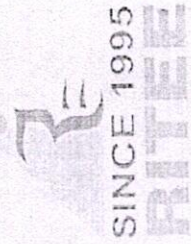



HOD


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CERTIFICATE OF COMPLETION

Mr. / Ms. EKTA SAHU B. Tech. 1st Semester of RITEE through His / Her hard work and dedication has completed 21 days (30 Hours) training on "HANDS ON BASIC NUMERACY" from 08/08/2020 to 05/09/2020 in Session: 2020-2021

During the period of this training program with us, He / She was found punctual, hardworking and inquisitive. We wish Him / Her every success in forthcoming endeavors.

PROGRAM COORDINATOR



[Signature]
HOD

[Signature]
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RAIPUR INSTITUTE OF TECHNOLOGY
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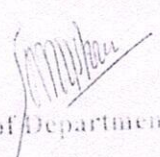
DEPARTMENT OF BIOTECHNOLOGY

Minutes of Meeting

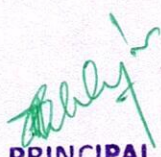
Date: - 01/08/2020

Department of Biotechnology had conducted the meeting on 01/08/2020 to finalize the Add on courses to be offered for the current academic year 2020-2021. Head of the Department and all the faculty members were present in the meeting and discussed about the gaps identified in the curriculum. After analyzing the identified curriculum gaps, the members of the meeting have finalized the following course to offer as Add on courses for the students during the academic year 2020-21.

SN	Name of Course	Semester	Duration	Coordinator
1	Tissue Engineering	3 rd Semester	30 Hours	Dr. Tanushree Chatterjee
2	Legal genetic training	5 th Semester	30 Hours	Ms. Sheetal Dextare


Head of Department




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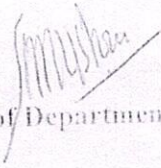
DEPARTMENT OF BIOTECHNOLOGY

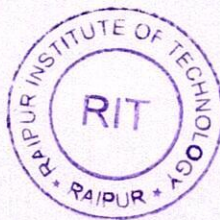
Date: - 02/08/2020

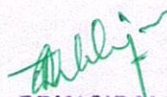
Circular

Following departments are going to conduct certificate program on given subject in the academic session 2020-2021. This certificate course will be scheduled minimum of 30 hours. All the interested students may register their name in the respective department.

SN	Name of Course	Department	Intake/Seats
1	Tissue Engineering	Biotechnology	80
2	Legal genetic training	Biotechnology	80


Head of Department




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SYLLABUS

Name of Program – Bachelor of Engineering

Subject – Tissue Engineering

Total Periods – 21 days (30 hours)

Duration – 08/08/2020 to 05/09/2020

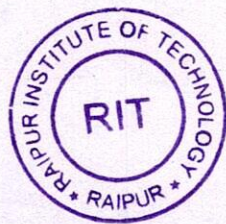
Branch – Biotechnology

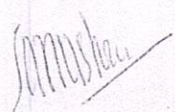
Semester – 3rd

Code – 18BITET

Modules

1. Introduction to tissue engineering
2. Tissue Engineering Strategies and design
3. Fundamentals of Tissue culture
4. Stem and Progenitor Cell Technologies
5. Cell-extracellular matrix interactions
6. Biofabrication including 3D Bioprinting of tissues and organs
7. Tissue engineering and Regenerative medicine
8. Skin, Liver and cardiovascular tissue Engineering
9. Tissue transplantation
10. Bioreactors and Biomaterials for Tissue Engineering.
11. Nanotechnology and tissue engineering
12. Recent advances in Tissue Engineering
13. Challenges in tissue engineering
14. Scope and Career opportunities in Tissue Engineering.




Head of Department

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SYLLABUS

Name of Program - Bachelor of Engineering

Subject - Legal Genetics

Total Periods - 21 days (30 hours)

Duration - 08/08/2020 to 05/09/2020

Branch - Biotechnology

Semester - 5th

Code - 18BTLGT

Modules

1. Concepts of Genetics
2. Genetic Information in healthcare and Law
3. Genetic Discrimination and Law
4. Law of Body Parts and Patents
5. Law, medicine, and ethics of reproductive technologies and genetics
6. Testing of Genetics
7. Behavioral Genetics
8. Case studies / Narrative in Genetic Testing or Study tools in Human Genetics
9. Bioethics & the Law
10. Biostatistics and population genetics
11. Prenatal screening and Pre-implantation genetic diagnosis
12. Issues posed by Genetic & Genomic research
13. IPR & Technology
14. Career prospects in Genetics

Head of Department



[Signature]
PRINCIPAL

Campus: NH-6, Chhatauna, Mandir Hasaud, Raipur (C.G.) - 492 002
E-mail: principal_eng@rit.edu.in, H.O: Near Bal Ashram, Kutcheri Chowk, Jalgaon, JALGAON
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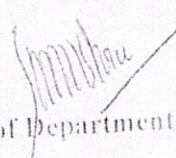
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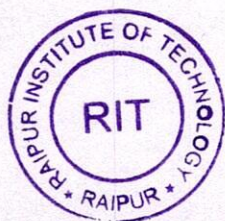
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Student list of Participation And Training in Tissue Engineering, RIT 2020-21

S No.	Roll No.	Student Name	Mob.No.	E-Mail ID	Remark
1	301201817002	Bhupendra Sahu	7089123228	bvsahu4002@gmail.com	
2	301201817005	Kajal Tiwari	9340367155	tkajal513@gmail.com	
3	301201817006	Kamleswar	9753785667	kamleshsahu1427@gmail.com	
4	301201817007	Lekh Ram	7489491716	lekhransahu14898@gmail.com	
5	301201817008	Manik Lal	8959782033	manikdemar@gmail.com	
6	301201817009	Manish Kumar Yadu	7987268668	manishyadu98@gmail.com	
7	301201817011	Mukesh Kumar	7587882655	mukeshlalware5@gmail.com	
8	301201817012	Rajendra Kumar	8435039952	rajendrakumardhruw11@gmail.com	
9	301201817013	Rajeshwari Sahu	9575280792	rajeshwarisahu88@gmail.com	
10	301201817017	Y Shravani	6266792068	yshravani330@gmail.com	


Head of Department




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Campus: NH-6, Chhatauna, Mandir Hasaud, Raipur (C.G.) - 492105
E-mail: principal_eng@rit.edu.in, H.O. Near Bal Ashram, Kutcheri Chowk, Jan Road, Raipur-492001
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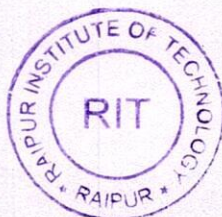
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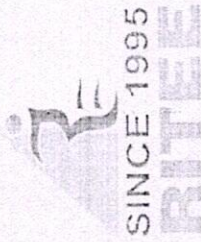
Student list of Participation And Training in Legal Genetics. RIT 2020-21

S No.	Roll No.	Student Name	Mob.No.	E-Mail ID	Remark
1.	3121814015	Indu	7697980265	Indurit99@gmail.com	
2.	3121814001	Mitali Hemant Alone	9407755460	Mitalialone18@gmail.com	
3.	3121814002	Ratika Bhargava	8962160750	Ratikabhargava66@gmail.com	
4.	3121814003	Shayra Fatima	9425545504	Shayra.fatima78667@gmail.com	
5.	3121814004	Sushma Sahu	9685999003	Sushma.14004@gmail.com	
6.	3121814005	Anuj Kumar Rajwade	9754427200	Antjeool5922@gmail.com	
7.	3121814006	Arnav Kshayarsh Tarun	9770567999	arnavkshayarsh@gmail.com	
8.	3121814007	Ayushmaan Dev Murari	7898435765	maanmadison@gmail.com	
9.	3121814008	Deepak Kumar	9406166315	Deepaksori96@gmail.com	
10.	3121814009	Heena Chandrakar	7828952806	Shinichandrakar13@gmail.com	
11.	3121814010	Khushboo Korram	7587417712	kushbookorram@gmail.com	
12.	3121814011	Minali Koshley	9009967639	Minalikoshley@gmail.com	
13.	3121814014	Sunanda Yadav	8519070992	Yadavsunanda7@gmail.com	
14.	3121814015	Yogendra Kumar	9424174784	adityasori@gmail.com	

Head of Department



Principal



RAIPUR INSTITUTE OF TECHNOLOGY, RAIPUR

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CERTIFICATE OF COMPLETION

Mr. / Ms. BHUPENDRA SAHU B.E. "BIOTECHNOLOGY ENGINEERING" 3rd Semester of RITEE through His / Her hardwork and dedication has completed 21 days (30 Hours) training on "TISSUE ENGINEERING" from 08/08/2020 to 05/09/2020 in Session: 2020-2021

During the period of this training program with us, He / She was found punctual, hardworking and inquisitive. We wish Him / Her every success in forthcoming endeavors.


PROGRAM COORDINATOR




PRINCIPAL

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RAIPUR INSTITUTE OF TECHNOLOGY
CHHATAUNDA, MANDIRHASAUD, RAIPUR (C.G.)



RAIPUR INSTITUTE OF TECHNOLOGY, RAIPUR

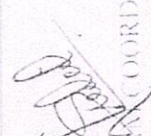
(Under the aegis of Mahamadi Education Society)

Approved By AICTE, New Delhi & Affiliated to CSVTU, Bhilai

CERTIFICATE OF COMPLETION

Mr. / Ms. RATIKA BHARGAVA B.E. "BIOTECHNOLOGY ENGINEERING" 5th Semester of RITEE through His / Her hard work and dedication has completed 21 days (30 Hours) training on "LEGAL GENETICS" from 08/08/2020 to 05/09/2020 in Session: 2020-2021

During the period of this training program with us, He / She was found punctual, hardworking and inquisitive. We wish Him / Her every success in forthcoming endeavors.


PROGRAM COORDINATOR




PRINCIPAL

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RAIPUR INSTITUTE OF TECHNOLOGY
CHHATAUNA, MANDIRHASAUD, RAIPUR (C.G.)

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SINCE 1995

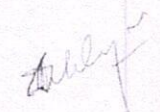
DEPARTMENT OF CHEMICAL ENGINEERING

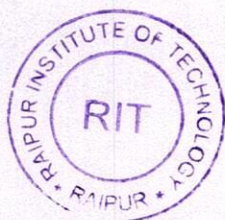
Date:- 02/08/2020

Minutes of Meeting

Department of Chemical Engineering had conducted the meeting on 02/08/2020 to finalize the Add on courses to be offered for the current academic year 2020-2021. Head of the Department and all the faculty members were present in the meeting and discussed about the gaps identified in the curriculum. After analyzing the identified curriculum gaps, the members of the meeting have finalized the following course to offer as Add on courses for the students during the academic year 2020-21.

SN	Name of Course	Semester	Duration	Coordinator
1	Biodiesel Plant training	3 rd Semester	30 Hours	Dr. Debabrata Mukhopadhyay
2	Biogas Plant training	5 th Semester	30 Hours	Mr. Mukesh Thite


Head of Department




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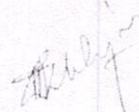
Date:- 02/08/2020

DEPARTMENT OF CHEMICAL ENGINEERING

Circular

Following departments are going to conduct certificate program on given subject in the academic session 2020-2021. This certificate course will be scheduled minimum of 30 hours. All the interested students may register their name in the respective department.

SN	Name of Course	Department	Intake/Seats
1	Biodiesel Plant training	Chemical Engineering	80
2	Biogas Plant training	Chemical Engineering	80


Head of Department




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SYLLABUS

Branch: Chemical Engineering

Subject: Bio gas

credits: 00

Periods per week (L-T-P): (0-1-3)

No of assignment to be submitted: 01

COURSE OBJECTIVE:

- 1) Adequate knowledge to bio gas.
- 2) Executable approach about the sampling, testing method and application of different fuels.

COURSE DETAILS:

Bio-gas – introduction,

Characteristics of bio-gas

Raw material in production of bio-gas.

(Kitchen waste, deoiled cakes)

Reaction involved in bio gas production

Flow sheet

Process description (description of equipment, description of bio gas production).

COURSE OUTCOME:

- 1) Illustrate about the properties, process mechanism and usage of different categories of bio gas.
- 2) Interpret and demonstrate the types of digest, storage and processing methods.



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Head of Department

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SINCE 1995

SYLLABUS

Branch: Chemical Engineering

Subject: Bio diesel

Credits: 04

Periods per week (T-T-P): 10-1-31

No. of assignments to be submitted: 01

COURSE OBJECTIVE:

- 1) Adequate knowledge to bio diesel production.
- 2) Executable approach about the sampling, testing method and application of different fuels.

COURSE DETAILS:

Bio diesel – introduction.

Characteristics of bio diesel.

Raw material in production of bio diesel.

Different sources of non-edible oil seeds.

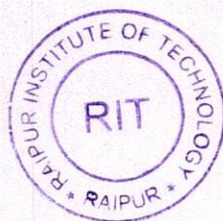
Reaction involved in bio diesel production.

Flow sheet.

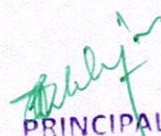
Process description (description of equipment, description of bio diesel production).

COURSE OUTCOME:

- 1) Illustrate about the properties, process mechanism and usage of different categories of bio-diesel.
- 2) Interpret and demonstrate the types of origin, storage and processing methods.



Head of Department


PRINCIPAL

RAIPUR INSTITUTE OF TECHNOLOGY

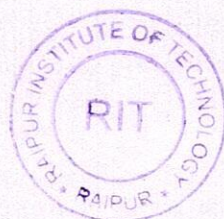
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SINCE 1995

Student list of Participation And Training in Bio-Gas plant, RIT 2020-21

S No.	Roll No.	Student Name	Mob.No.	E-Mail ID	Remark
1	3121314001	Aman sharma	980144475	aman1997@gmail.com	
2	3121314002	Anup mistri	9616341535	anup1997@gmail.com	
3	3121314003	Ivan ali	9006457924	anujdandekar1997@gmail.com	
4	3121314004	Kavya chandrakar	9406254887	anjulata0381@gmail.com	
5	3121314005	Nayna agrawal	9926158130	anujdandekar1997@gmail.com	
6	3121314006	Neeraj kumar	9179848382	dvturhate2709@gmail.com	
7	3121314007	Ravi kumar poptani	9926889898	jayprakashdewangan033@gmail.com	
8	3121314008	Rishi raj tripathi	8959098529	pallavpathe@gmail.com	
9	3121314010	Somya mandloi	9479137400	prachiti26497@gmail.com	
10	3121314011	Tapan sharma	8959920114	pv181993@gmail.com	
11	3121314012	Venkteshwar	9301010026	rahul123@gmail.com	
12	3121314013	Yash bontalwar	7879615054	reshmaraju293@gmail.com	
13	3121314014	Alok kumar sahu	9770726225	sandhyamahant@gmail.com	
14	3121314015	Bharti koshti	9407995838	sheikh.inran.molla@gmail.com	
15	3121314016	Mahipal singh	9907371353	shreya.kalkar888@gmail.com	
16	3121314017	Mohit chawda	7879109884	shubhisoni.97@gmail.com	
17	3121314018	Rahul kumar chauhan	9770508750	sumitagrwal075@gmail.com	
18	3121314019	Sumit kumar	8103502386	abhivandan07@gmail.com	
19	3121314021	Shashank pandey	8602714590	umashankarsahu357@gmail.com	
20	3121314301	Ashit kumar singh	7415763234	balwantchauhan@gmail.com	
21	3121314302	Chinmayee mohan	9584888742	balwantchauhan@gmail.com	



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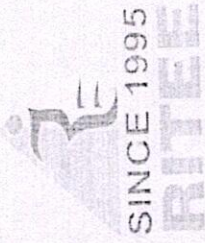
Student list of Participation And Training in bio diesel plant, RIT 2020-21

S No.	Roll No.	Student Name	Mob. No.	E-Mail ID	Remark
1	3121913001	Alka Tondon	8109762567	alkatandon38@gmail.com	
2	3121913002	Ajay Tiwari	9691668204	ajaytiwari@gmail.com	
3	3121913004	Chetan Shriwas	8234062949	chetanshri.es@gmail.com	
4	3121913005	Dhanshree Mone	7869166200	dhanshree@gmail.com	
5	3121913006	Diya Sen Gupta	7049905130	diyaseen@gmail.com	
6	3121913007	Hemant Vaidhya	931190508	hvaidhy48@gmail.com	
7	3121913008	J.Durgavati	8962493979	durgavati@gmail.com	
8	3121913010	Lokendra Jain	9691033090	lokendrakumarchhajer@gmail.com	
9	3121913011	Lokesh Kumar Patel	9669416142	lokeshkumar@gmail.com	
10	3121913012	Mamta Gwala	8085766581	mamtagwala79@gmail.com	
11	3121913013	Manisha Paudael	9165341755	manishapodela@gmail.com	
12	3121913015	Nidhi Verma	8251952862	nidhiverma@gmail.com	
13	3121913016	Nisha Topo	9713402878	nishatopo@gmail.com	
14	3121913017	Rahul Sahu	9669367039	ahulsahu@gmail.com	
15	3121913018	Roshan Ekka	9644744904	roshanekka@gmail.com	
16	3121913020	Suchit Kumar Vishwakarma	8251698459	atsumesuditi39@gmail.com	
17	3121913021	Tikeshwar Sahu	963003045	tikeshwarsahu@gmail.com	
18	3121913023	Yogesh Kumar Das	7879383075	Yogeshdas82@gmail.com	
19	3121913025	Prabhat Singh	741502389	prabhatsingh@gmail.com	
20	3121913027	Hasan Sardar	969171990	hasansardar@gmail.com	
21	3121913028	Chandramani Yadav	9039833225	mania93yadav@gmail.com	
22	3121913029	Rinki Kumari	9993754405	rinkikumari@gmail.com	
23	3121913030	Rajan Kumar Singh	7804076125	rajankumar@gmail.com	



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Head of Department



RAIPUR INSTITUTE OF TECHNOLOGY, RAIPUR

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CERTIFICATE OF COMPLETION

Mr. / Ms. DIYA SEN GUPTA B.E. "CHEMICAL ENGINEERING" 3rd Semester of RITEE through His / Her hardwork and dedication has completed 21 days (30 Hours) training on "BIO DIESEL PLANT" from 16/12/2020 to 01/01/2021 in Session: 2020-2021

During the period of this training program with us, He / She was found punctual, hardworking and inquisitive. We wish Him / Her every success in forthcoming endeavors.

PROGRAM COORDINATOR



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CHHATAUNA, MANDIRHASAUD, RAIPUR (C.G.)



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CERTIFICATE OF COMPLETION

Mr. / Ms. AMAN SHARMA B.E. "CHEMICAL ENGINEERING" 3rd Semester of RITEE through His / Her hardwork and dedication has completed 21 days (30 Hours) training on "BIO GAS PLANT" from 27/12/2020 to 11/01/2021 in Session: 2020-2021

During the period of this training program with us, He / She was found punctual, hardworking and inquisitive. We wish Him / Her every success in forthcoming endeavors.

PROGRAM COORDINATOR



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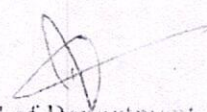
DEPARTMENT OF CIVIL ENGINEERING

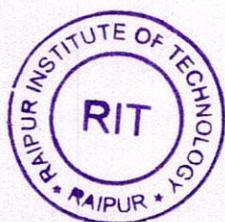
Date: - 02.08.2020

Minutes of Meeting

Department of Civil Engineering had conducted the meeting on 02.08.2020 to finalize the Add on courses to be offered for the current academic year 2020-2021. Head of the Department and all the faculty members were present in the meeting and discussed about the gaps identified in the curriculum. After analyzing the identified curriculum gaps, the members of the meeting have finalized the following course to offer as Add on courses for the students during the academic year 2020-21.

S.No.	Name of Course	Semester	Duration	Coordinator
1	Earthquake Effects on Structures	3 rd Semester	30 Hours	Mr. Gopesh Dawda
2	Advanced Design of Concrete Structures	5 th semester	30 Hours	Mr. Shiv Shrivastava


Head of Department




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SYLLABUS

Branch: Civil Engineering

Subject: Earthquake Effects on Structures

Total Periods : 14 Days (30 Hours)

Semester: 3rd (2nd year)

Credits: 0

Duration : 16/12/2020 to 01/01/2021

COURSE OBJECTIVE:

1. To understand the Problem of engineering seismology.
2. To gain the knowledge about case studies of earthquakes.
3. To understand the different design concepts.
4. To understand about the codal provisions.

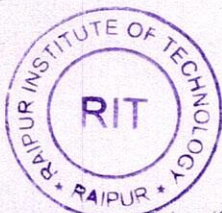
COURSE DETAILS:

Elements of Engineering Seismology, Characterization of ground motion, Earthquake intensity and magnitude, Recording instruments and base line correction, Predominant period and amplification through soil, Earthquake spectra for elastic and inelastic systems, Response Spectrum, Indian Standard Codes on Earthquake Engineering, Seismic Zoning Map of India, Structural Configuration, Seismic performance, Irregular Buildings, Soil performance, Modern Concepts, Base Isolation, Adoptive system.

COURSE OUTCOME:

The students will be able to:

1. Understand about the Structural Configuration, Seismic performance, Irregular Buildings, Soil performance, Modern Concepts, Base Isolation, Adoptive system.
2. Study the suitability of different Seismic Design Concepts, Cyclic load behaviour of structural elements.
3. Study about the Principles of capacity design.
4. Difference in Ductility requirements for framed structures.
5. Understand the Design spectrum.



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Head of Department

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SINCE 1973

SYLLABUS

Branch: Civil Engineering

Subject: Advanced Design of Concrete Structures

Period: 14 Days (30 Hours).

Semester: 5th (3rd year)

Credits: 4

Duration: 27/12/2020 to 11/01/2021

COURSE OBJECTIVE:

1. To understand the design of beams.
2. To gain the knowledge about Behaviour of slender RCC Columns, Failure modes.
3. To understand the different Design of Flat slabs according to IS method, Shear in Flat Slabs.
4. To understand about the inelastic behaviour of concrete beams-moment-rotation curve.

COURSE DETAILS:

Behaviour of RCC beams under combined Shear, Torsion and Bending, Modes of Failure, Interaction effects, Analysis and design of beams circular in plan, Design calculation of deflections and crack width, Additional Moment method, Comparison of code provisions, calculation of design moment for braced and unbraced columns, Principles of Moment magnification method, design of slender columns.

COURSE OUTCOME:

The students will be able to:

1. Understand about detailing of Concrete walls according to IS code.
2. Study the suitability of design principles, design of rectangular shear walls.
3. Study about the Approximate analysis and design of Grid floors.
4. Difference in Design of cast-in-situ joints in frames.
5. Understand the Detailing requirements for ductility, durability and fire resistance.



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Head of Department



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CERTIFICATE OF COMPLETION

Mr. / Ms. AMAR CHANDRAKAR B.E. "CIVIL ENGINEERING DEPARTMENT" 3rd Semester of RITEE through His / Her hard work and dedication has completed 14 days (30 hours) training on "EARTHQUAKE EFFECTS ON STRUCTURES" from 16.12.2020 to 01.01.2021 in Session: 2020-2021

During the period of this training program with us. He / She was found punctual, hardworking and inquisitive. We wish Him / Her every success in forthcoming endeavors.

PROGRAM COORDINATOR

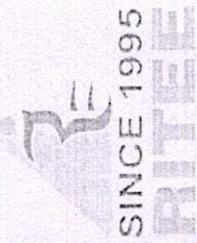


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CERTIFICATE OF COMPLETION

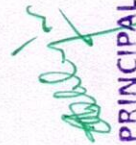
Mr. / Ms. ANKIT BIHARDWAJ B.E. "CIVIL ENGINEERING DEPARTMENT" 5th Semester of RITEE through His / Her hardwork and dedication has completed 14 days training on "ADVANCED DESIGN OF CONCRETE STRUCTURES" from 27.12.2020 to 11.01.2021 in Session: 2020-2021

During the period of this training program with us, He / She was found punctual, hardworking and inquisitive. We wish Him / Her every success in forthcoming endeavors.

PROGRAM COORDINATOR



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Date: - 03/08/2020

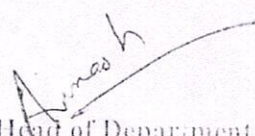
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Minutes of Meeting

Department of Computer Science Engineering had conducted the meeting on 03/08/2021 to finalize the Add on courses to be offered for the current academic year 2020-2021. Head of the Department and all the faculty members were present in the meeting and discussed about the gaps identified in the curriculum.

After analyzing the identified curriculum gaps, the members of the meeting have finalized the following course to offer as Add on courses for the students during the academic year 2020-21.

SN	Name of Course	Semester	Duration	Coordinator
1	Programming in C	3 rd Semester	30 Hours	Mr. Avinash Dhole
2	Cyber Security	5 th semester	30 Hours	Mr. Yogesh Rathore


Head of Department




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RAIPUR INSTITUTE OF TECHNOLOGY
CHHATAUNA, MANDIRHASAUD, RAIPUR (C.G.)

Campus: NH-6 Chhatauna, Mandir Hasaud, Raipur (C.G.) - 492101 Ph: 9522173336, 9522174000 Website: www.ritengineering.education

E-mail: principal_eng@rit.edu.in, H.O: Near Bal Ashram, Kutchery Chowk, Jail Road, Raipur-492001 Chhattisgarh, Ph: 0771-9522292121-424553

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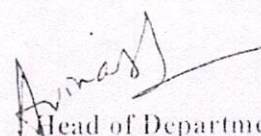
DEPARTMENT OF COMPUTER SCIENCE ENGINEERING

Circular

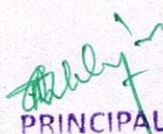
Date: - 03-08-2020

Following departments are going to conduct certificate program on given subject in the academic session 2020-2021. This certificate course will be scheduled minimum of 30 hours. All the interested students may register their name in the respective department.

SN	Name of Course	Department	Intake Seats
1	Programming in C	Computer Science Engineering	80
2	Cyber Security	Computer Science Engineering	80


Head of Department




PRINCIPAL

RAIPUR INSTITUTE OF TECHNOLOGY
CHHATAUNA, MANDIRHASAUD, RAIPUR (C.G.)

Campus: NH-6, Chhatauna, Mandir Hasaud, Raipur (C.G.) - 492101 Ph 9522173000, 9522174000 Website: www.ritengineering.edu.in

E-mail: principal_eng@rit.edu.in, H.O: Near Bal Ashram, Kutchery Chowk, Jail Road, Raipur 492001 Chhattisgarh, Ph. 0771-952292121, 400446

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SYLLABUS

Name of Program - Bachelor of Engineering

Branch – Computer Science & Engineering

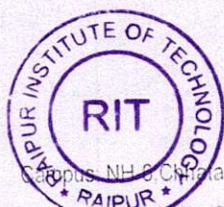
Subject – Programming in C

Code - 22CSPC

Total Periods : 14 Days (30 Hours)

Duration : 16/12/2020 to 01/01/2021

SN	TOPIC	DURATION
1	Fundamentals of C Language.	Two Hour
2	Overview of C Language.	Two Hour
3	Variable in C Language.	Two Hour
4	Data Types in C Language.	Two Hour
5	Constant in C Language.	Two Hour
6	Operators and Enums in C Language.	Two Hour
7	Decision Making of C Language.	Two Hour
8	Loop control in C Language.	Two Hour
9	Control Flow in C Language	Two Hour
10	File handling in C	Two Hour
11	Array, Structure	Two Hour
12	Enum, Function	Two Hours
13	String Function in C	Two hour
14	Recursion in C	One hour
15	Pointer in C	One Hour
16	Application of C Programming Language	Two Hour



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[Signature]
Head of Department

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SYLLABUS

Name of Program - Bachelor of Engineering

Branch – Computer Science & Engineering

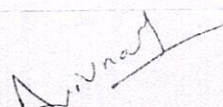
Subject – Cyber Security

Code - 22CSCSE

Total Periods : 14 Days (30 Hours)

Duration : 27/12/2020 to 11/01/2021

SN	TOPIC	DURATION
1	Introduction to Ethical Hacking	Two Hour
2	Information Security Overview	Two Hour
3	Information Security Threats and Attack Vectors	Two Hour
4	Hacking Concepts	Two Hour
5	Ethical Hacking Concepts	Two Hour
6	Information Security Controls	Two Hour
7	Penetration Testing Concepts	Two Hour
8	Information Security Laws and Standards	Two Hour
9	Footprint & Reconnaissance	Two Hour
10	Footprinting Concepts	Two Hour
11	Footprinting through Search Engines	Two Hour
12	Footprinting through Web Services	Two Hours
13	Footprinting through Social Networking Sites	Two hour
14	Website Footprinting Email Footprinting	One hour
15	Competitive Intelligence	One Hour
16	Whois Footprinting	Two Hour


Head of Department




PRINCIPAL

Campus: NH-6, Chhatauna, Mandir Hasaud, Raipur (C.G.) Ph. 9522173000, 9522174000 Website: www.ritengineering.edu.in

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RAIPUR INSTITUTE OF TECHNOLOGY

(Under the aegis of Mahanadi Education Society)

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Student list of Participation and Training in Cyber Security, RIT 2020-21

Attendance Sheet

SN	Name of Students	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Remark
1	Aditya Kumar Sharma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2	Akshat Vishwakarma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
3	Ayushman Sahoo	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
4	Bhagvendra Singh Parihar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
5	Deepak Kumar Sahu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
6	Durgesh Sahu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
7	Jharna Chandrakar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
8	Pooran Kumar Patel	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
9	Praneet Mishra	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
10	Sudhakar Patel	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
11	Omkar Verma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
12	Patharkar Soham Subhash	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
13	Vaishali Sahu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
14	Tikam Chandrakar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
15	Aaryan Chandrakar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
16	Dhananjay Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
17	Rahul Kumar Paswan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
18	Prena Sahu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
19	Komal Rajput	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
20	Khushi Sonchhatra	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
21	Shailendra Kumar Jaiswal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
22	Priyanshu Verma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
23	Ashish Tripathi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
24	Avishkar Bharadwaj	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
25	Kamal Sachdev	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
26	Mohd.Maaz Siddiqui	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
27	Yashaswi Upadhyay	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
28	Utkarsh Verma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
29	Sunny Dubey	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
30	Priyanshu Patel	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
31	Jalla Upendra Rao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
32	Adity A Raut	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
33	Amit Kumar Bharti	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
34	Mariyam Nadeem	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
35	Aanchal Raj Singh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
36	Harsh Bhatnagar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
37	Reena Gawde	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
38	Sheikh Adeeb Sharif	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
39	Kamal Sachdev	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
40	Mohd.Maaz Siddiqui	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
41	Rajat Sharma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
42	Aakash Verma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
43	Akshay Rai	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
44	Amiksha Benet	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
45	Arun Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
46	Avijeet Kumar Sharma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
47	Bhekhraj Parmal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
48	Chandrashekhar Dhywar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

Campus: NH-6, Chhatauna, Mandir Hasaud, Raipur (C.G.) - 492101 P. PRINCIPAL 522174000 Website: www.ritengineering.education

E-mail: principal.eng@rit.edu.in H.O. Near Ba Ashram, Raipur (C.G.) RAIPUR INSTITUTE OF TECHNOLOGY Ph. 0771-9522292121, 419003

CHHATAUNA, MANDIRHASAUD, RAIPUR (C.G.)

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49	Danendra Kumar Sahu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
50	Divya Kashyap	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
51	Dunee Dewangan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
52	Gayatri Yadu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
53	Geeta Paswan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
54	Hitesh Yadav	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
55	Kaamesh Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
56	Kavita Sahu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
57	Kesamani	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
58	Khoman Ram	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
59	Mamta Sahu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
60	Mayank Raj Singh	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Anand
Head of Department



Anand
PRINCIPAL

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Student list of Participation and Training in Programming in C, RIT 2020-21

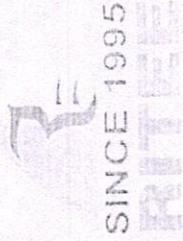
Attendance Sheet

SN	Name of Students	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Remark
1	Rajat Sharma	P	p	P	P	P	P	P	P	P	P	P	P	P	P	
2	Aakash Verma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
3	Akshay Rai	P	P	P	P	P	P	P	P	P	P		P	P	P	
4	Amiksha Benet	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
5	Arun Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
6	Avijeet Kumar Sharma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
7	Bhekhraj Parmal	P	p	P	P	P	P	P	P	P	P	P	P	P	P	
8	Chandrashekhar Dhiwar	p	P	P	P	P	P		P	P	P	P	P	P	P	
9	Danendra Kumar Sahu	P	P		P	P	P	P	P	P	P	P	P	P	P	
10	Divya Kashyap	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
11	Dumee Dewangan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
12	Gayatri Yadu	P	P	P	P	P	P	P	P		P	P	p	P	P	
13	Geeta Paswan	P	p	P	P	P	P	P	P	P	P	P	P	P	P	
14	Hitesh Yadav	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
15	Kaamesh Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
16	Kavita Sahu	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
17	Kesamani	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
18	Khoman Ram	P	P	P	P	P	P	P	P	P	P	P	p	P	P	
19	Mamta Sahu	P	p	P	P	P	P	P	P	P	P	P	P	P	P	
20	Mayank Raj Singh	P	P	P		P	P	P	P	P	P	P		P	P	
21	Pooja Agrwal	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
22	Neeta Diwan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
23	Kunal Verma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
24	Toshan Sahu	P	P	P	P	P	P	P	P	P	P	P	p	P	P	
25	Vaibhav Lanjewar	P	p	P	P	P		P	P	P	P	P	P	P	P	
26	Sahil Das	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
27	Aayush Das	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
28	Prawin Kumar Patel	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
29	Shiva Kumar Gupta	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
30	Geetu Verma	P	P	P	P	P	P	P	P	P	P	P	p	P	P	
31	Aman Verma	P	p	P	P	P	P	P	P	P	P	P	P	P	P	
32	Prakash Mautya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
33	Sagar Singh Kshatriya	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
34	Diksha Dewangan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
35	Dev Kumar Verma	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
36	Dimple Dewangan	P	P	P	P	P	P	P	P	P	P	P	p	P	P	
37	Kishan Paswan	P	p	P	P	P	P	P	P	P	P	P	P	P	P	
38	Vivek Tiwari	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
39	Yash Sharma	P	P	P	P	P	P	P	P	P	P		P	P	P	
40	Harshvadhan	P	P	P	P	P	P	P	P	P	P	P	P	P	P	



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Head of Department



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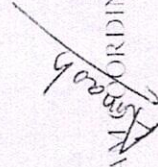
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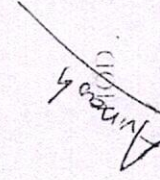
CERTIFICATE OF COMPLETION

Mr. / Ms. RAJAT SHARMA B.E. "COMPUTER SCIENCE DEPARTMENT" 3rd Semester of RITTE through His / Her hard work and dedication has completed 14 days (30 Hours) training on "PROGRAMMING IN C" from 16.12.2020 to 01.01.2021 in Session: 2020-2021

During the period of this training program with us, He / She was found punctual, hardworking and inquisitive. We wish Him / Her every success in forthcoming endeavors.

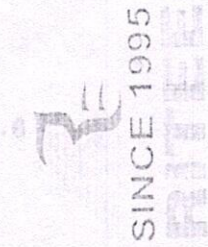

PROGRAM COORDINATOR




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CHITAGUNA, MANDIRHASAUD, RAIPUR (C.G.)



RAIPUR INSTITUTE OF TECHNOLOGY, RAIPUR

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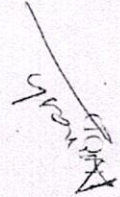
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CERTIFICATE OF COMPLETION

Mr. / Ms. PRANEET MISHRA B.E. "COMPUTER SCIENCE DEPARTMENT" 5th Semester of RITEE through His / Her hard work and dedication has completed 14 days (30 Hours) training on "CYBER SECURITY" from 27.12.2020 to 11.01.2021 in Session: 2020-2021

During the period of this training program with us, He / She was found punctual, hardworking and inquisitive. We wish Him / Her every success in forthcoming endeavors.

PROGRAM COORDINATOR


PRINCIPAL,


PRINCIPAL,



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RAIPUR INSTITUTE OF TECHNOLOGY
CHHATAUNA, MANDIRHASAUD, RAIPUR (C.G.)

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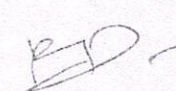
DEPARTMENT OF EEE and ET & T

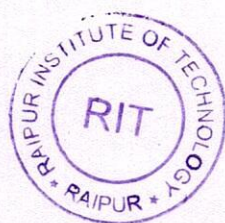
Date: - 05/08/2020

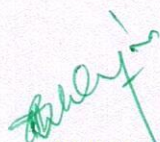
Minutes of Meeting

Department of EEE, ET&T had conducted the meeting on 05/08/2021 to finalize the Add on courses to be offered for the current academic year 2020-2021. Head of the Department and all the faculty members were present in the meeting and discussed about the gaps identified in the curriculum. After analyzing the identified curriculum gaps, the members of the meeting have finalized the following course to offer as Add on courses for the students during the academic year 2020-21.

SN	Name of Course	Semester	Duration	Coordinator
1	Introduction to MATLAB	3 rd Semester	30 Hours	Dr. Zoonubiya Ali
2	MATLAB Understanding of Communication Tool Box	5 th semester	30 Hours	Mr. Ritesh Diwan


Head of Department




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E-mail: principal.eng@rit.edu.in, H.O: Near Bal Ashram, Kutchery Chowk, Jail Road, Raipur-492001 Chhattisgarh Ph. 0771-9522292121, 4070653

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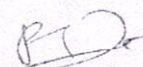
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Date: - 06/08/2020

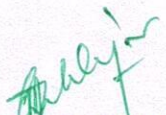
Circular

Following departments are going to conduct certificate program on given subject in the academic session 2020-2021. This certificate course will be scheduled minimum of 30 hours. All the interested students may register their name in the respective department.

SN	Name of Course	Department	Intake/Seats
1	Introduction to MATLAB	EEE and ET & T	80
2	MATLAB Understanding of Communication Tool Box	EEE and ET & T	80


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Name of Program	Bachelor of Engineering	Semester:	3 rd (2 nd Year)
Subject:	Add on Certificate course	Branch:	Electronics & Telecommunication
Total Period:	14 Days (30 Hours)	Code:	ETC(20)Addon-1220

Course Name: Introduction to MATLAB

Duration : 16/12/2020 to 01/01/2021

Course Objective:-

1. Understanding the MATLAB environment
2. Being able to do simple calculations using MATLAB
3. Being able to carry out simple numerical computations and analyses using MATLAB

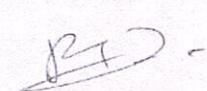
Course Detail:- MATLAB is one of the most widely used high-level computing languages: it provides users a friendly and interactive environment for algorithm development, data visualization, data analysis, and numeric computation. With its extensive libraries of mathematical and graphical routines, MATLAB is widely used in areas such as signal and image processing, communications, control design, test and measurement, financial modeling and analysis, and computational biology.

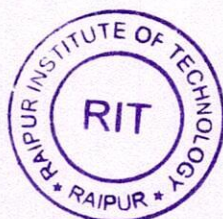
This course provides a progressively gentle introduction to MATLAB. It is designed to give students fluency in MATLAB, including fundamentals of MATLAB, programming, solving mathematic equations with MATLAB, data visualization etc. Besides normal lecturing, this course also provides student computer based exercise, which ensures student understand and master the key knowledge of MATLAB.

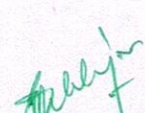
Course outcome:-

Upon successful completion of this course, the student should be able to:

1. Understand the main features of the MATLAB development environment
2. Use the MATLAB GUI effectively
3. Design simple algorithms to solve problems
4. Write simple programs in MATLAB to solve scientific and mathematical problems
5. Know where to find help


Head of Department




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E-mail: principal_eng@rit.edu.in, H.O: Near Bal Ashram Kutchery Chowk, Jail Road, Raipur 492001 Chhattisgarh Ph. 9522252121, 403605

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Name of Program	Bachelor of Engineering	Semester:	5 th (3 rd Year)
Subject:	Add on Certificate course	Branch:	Electronics & Telecommunication
Total Period:	14 Days (30 Hours)	Code:	ETC(16)Addon-12-16
Course Name:	MATLAB Understanding of Communication Tool Box		

Duration : 27/12/2020 to 11/01/2021

Course Objective:-

1. Understanding the MATLAB understanding communication tool box
2. Being able to do operation MATLAB communication tool box

Course Detail: - Communications Toolbox™ provides algorithms and apps for the analysis, design, end-to-end simulation, and verification of communications systems. Toolbox algorithms including channel coding, modulation, MIMO, and OFDM enable you to compose and simulate a physical layer model of your standard-based or custom-designed wireless communications system.

The toolbox provides a waveform generator app, constellation and eye diagrams, bit-error-rate, and other analysis tools and scopes for validating your designs. These tools enable you to generate and analyze signals, visualize channel characteristics, and obtain performance metrics such as error vector magnitude (EVM). The toolbox includes SISO and MIMO statistical and spatial channel models. Channel profile options include Rayleigh, Rician, and WINNER II models. It also includes RF impairments, including RF nonlinearity and carrier offset and compensation algorithms, including carrier and symbol timing synchronizers. These algorithms enable you to realistically model link-level specifications and compensate for the effects of channel degradations.

Course Description:-

Introducing Communications Toolbox Library for the Bluetooth Protocol
Wireless Waveform Generator app updates
Digital predistortion estimator and compensator System objects and blocks
Modulation classification with deep learning example
Decision feedback and linear equalizer System objects and blocks
Link budget analysis example
Turbo product code (TPC) decoder function and block support for early termination
Memory less nonlinearity System object support for custom AM/AM and AM/PM data
Constellation diagram System object and block support for multiple input
Support for C code generation using certain interleaver and deinterleaver functions
Support for C code generation using certain modulation functions

Course outcome:-

Upon successful completion of this course, the student should be able to:

1. Understand the main features of the MATLAB development environment
2. Use the MATLAB GUI effectively
3. Design simple algorithms to solve problems
4. Write simple programs in MATLAB to solve scientific and mathematical problems



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[Signature]
Head of Department

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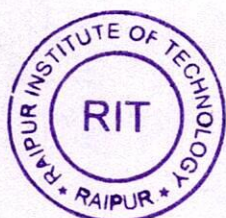
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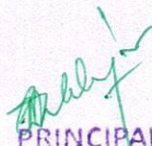
SINCE 1995

Student list of Participation and Training in Introduction to MATLAB . RIT 2020-21

S.N.	Student Name	Mobile No	Email Id	Remark
1	Arabinda Barik	9685007261	aabarik28@gmail.com	
2	Archana Verma	8871095003	archana2405@gmail.com	
3	Atul Kumar	8085737837	spunkyatul@gmail.com	
4	Deepak Kumar Prajapati	9074264998	deepakprajapati2506@gmail.com	
5	Diksha Chandrakar	8103117290	diksha19chandrakar@gmail.com	
6	Divya Tiwari	8435227613	divelex2412@gmail.com	
7	Kishan Israni	7415248881	kikkiisrani1921@gmail.com	
8	Pinki Sao	7697599647	pinkisao16@gmail.com	
9	Prabha Biswas	7587072104	prabhabiswas327@gmail.com	
10	Sapna Chandravanshi	7389334473	sapnachandrawansi@gmail.com	
11	Seema Dhruw	8602031401	seemadhruw2@gmail.com	
12	Soumya Sharma	8962936053	smyaishu@gmail.com	
13	Sudhanshu Pandey	7725086730	shp7209395@gmail.com	
14	Vikash Kumar	8544180181	vikashbgs01@gmail.com	
15	Ruchi Gupta	9926556339	ruchiengnr@gmail.com	


Head of Department




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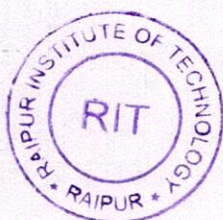
Campus: NH-6, Chhatauna, Mandir Hasaud, Raipur (C.G.) - 492101 Ph: 0771-9522292121, 403603
E-mail: principal.eng@rit.edu.in, H.O: Near Bal Ashram, Kutchery Chowk, Jail Road, Raipur-492001 Chhattisgarh. Ph: 0771-9522292121, 403603

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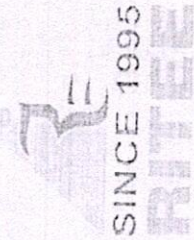
S.N.	Student Name	Mobile No.	Email Id	Remark
1	Chanchal Sahu	9826603394	esahu602@gmail.com	
2	Suraj Prasad Verma	9589484992	surajverma.khr111@gmail.com	
3	Tanya Karmakar	9934532824	tanya.karmakar22@gmail.com	
4	Abhiraj Kumar	8462827467	abhirajkumar02@gmail.com	
5	Dilendra Kumar Nishad	9669030695	dilendra.nishad96@gmail.com	
6	Upasana Gajendra	8719842862	upasana143@gmail.com	
7	Shubham Kumar Bose	7898528909	boseshubham03@gmail.com	
8	Alija Rani	8236954253	alijasingh@gmail.com	

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CERTIFICATE OF COMPLETION

Mr. / Ms. ARCHANA VERMA B.E. "ELECTRONICS AND TELECOMMUNICATION ENGINEERING"
3rd Semester of RITEE through His / Her hard work and dedication has completed 14 days (50 Hours) training on
"INTRODUCTION TO MATLAB" from 16/12/2020 to 01/01/2021 in Session: 2020-2021

During the period of this training program with us. He / She was found punctual, hardworking and inquisitive. We wish Him / Her every success in forthcoming endeavors.

PROGRAM COORDINATOR



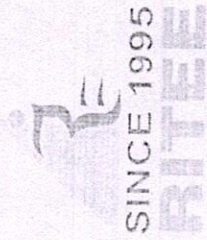
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CERTIFICATE OF COMPLETION

Mr. / Ms. CHANCHAL SAHU B.E. "ELECTRONICS AND TELECOMMUNICATION ENGINEERING"
5th Semester of RITEE through His / Her hard work and dedication has completed 14 days (30 Hours) training on
"MATLAB UNDERSTANDING OF COMMUNICATION TOOL BOX" from 27/12/2020 to 11/01/2021 in
Session: 2020-2021

During the period of this training program with us. He / She was found punctual, hardworking and inquisitive. We
wish Him / Her every success in forthcoming endeavors.

PROGRAM COORDINATOR

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DEPARTMENT OF MECHANICAL ENGINEERING

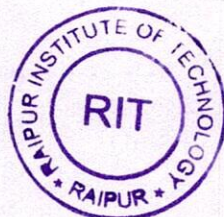
Minutes of Meeting

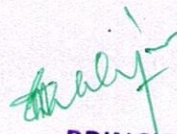
Date: - 05/08/2020

Department of Mechanical Engineering had conducted the meeting on 05/08/2020 to finalize the Add on courses to be offered for the current academic year 2020-2021. Head of the Department and all the faculty members were present in the meeting and discussed about the gaps identified in the curriculum. After analyzing the identified curriculum gaps, the members of the meeting have finalized the following course to offer as Add on courses for the students during the academic year 2020-21.

SN	Name of Course	Semester	Duration	Coordinator
1	MATLAB	3 rd Semester	30 Hours	Dr. Sanjeev Shrivastava
2	ANSYS	5 th semester	30 Hours	Mr. Ashwini Bhoi


Head of Department




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Date: - 05-08-2020

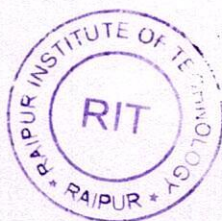
DEPARTMENT OF MECHANICAL ENGINEERING

Circular

Following departments are going to conduct certificate program on given subject in the academic session 2020-2021. This certificate course will be scheduled minimum of 30 hours. All the interested students may register their name in the respective department.

SN	Name of Course	Department	Intake/Seats
1	MATLAB	Mechanical Engineering	80
2	ANSYS	Mechanical Engineering	80

Head of Department



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SYLLABUS

Name of Program - Bachelor of Engineering

Branch - Mechanical Engineering

Subject - MATLAB

Code - 37MESW

Total Periods : 14 Days (30 Hours)

Duration : 08/08/2020 to 05/09/2020

Course Objective:-

1. Understanding the MATLAB environment
2. Being able to do simple calculations using MATLAB.
3. Being able to carry out simple numerical computations and analyses using MATLAB

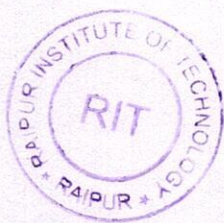
Course Detail:- MATLAB is one of the most widely used high-level computing languages; it provides users a friendly and interactive environment for algorithm development, data visualization, data analysis, and numeric computation. With its extensive libraries of mathematical and graphical routines, MATLAB is widely used in areas such as signal and image processing, communications, control design, test and measurement, financial modeling and analysis, and computational biology.

This course provides a progressively gentle introduction to MATLAB. It is designed to give students fluency in MATLAB, including fundamentals of MATLAB, programming, solving mathematic equations with MATLAB, data visualization etc. Besides normal lecturing, this course also provides student computer based exercise, which ensures student understand and master the key knowledge of MATLAB.

Course outcome:-

Upon successful completion of this course, the student should be able to:

1. Understand the main features of the MATLAB development environment
2. Use the MATLAB GUI effectively
3. Design simple algorithms to solve problems
4. Write simple programs in MATLAB to solve scientific and mathematical problems
5. Know where to find help



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SYLLABUS

Name of Program - Bachelor of Engineering

Branch - Mechanical Engineering

Subject - ANSYS SOFTWARE

Code - 37ME:SW

Total Periods : 14 Days (30 Hours)

Duration : 08/08/2020 to 05/09/2020

Aims and Objective of Course: - ANSYS

Over the certification course of ANSYS, students gain an understanding of how to use this software for modeling and analysis. Students learned advanced concepts and commands for working in ANSYS workbench. The aim of this course is to inform all students about the practical uses of ANSYS, and to showcase the Power and the Ease of Use of ANSYS solutions. The objectives of the workshop can be listed as bellow;

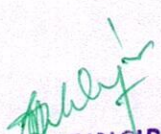
1. To introduce principle of Finite Element Method used in ANSYS.
2. To understand how simulate and model different types of structures.
3. To learn how to perform various meshing techniques, boundary conditions and loading.
4. To perform analyses in different situation for structures.

Course Content / Schedule:-

- Introduction of CAD
- Working with Two and Three Dimensional Analysis
- Modeling
- Printing Plotting Drawing


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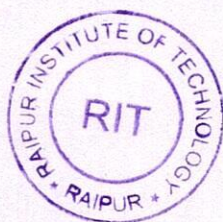
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Student list of Participation And Training in MATLAB, RIT 2020-21

S No.	Roll No.	Student Name	Mob.No.	E-Mail ID	Remark
1	3123713005	Aditya Kumar Pathak	8269016962	adityakumar562@gmail.com	
2	3123713006	Aayam Mishra	9406380803	aayammishra65@gmail.com	
3	3123713007	Abhishek Kumar Dwivedi	7898804252	abhishek653@gmail.com	
4	3123713008	Abhishek Warudkar	9424213243	abhishek68@gmail.com	
5	3123713005	Aditya Kumar Pathak	8269016962	adityakumar562@gmail.com	
6	3123713020	Chhatrapal Sahu	8463870051	chhatrapalsahu246@gmail.com	
7	3123713021	Devendra Verma	8602211539	devendraverma121@gmail.com	
8	3123713022	Devesh Singh	9630399976	deveshsingh@gmail.com	
9	3123713023	Dharmendra Patel	7697142505	Dharmendra123@gmail.com	
10	3123713025	Divyanshu Singh	9826305081	divyanshu125gmil.com	
11	3123713026	Domeswar Kothalia	7697567975	domeshwar@gmail.com	
12	3123713028	Fanendra Kaumr Sahu	7165575941	Fanendra126@gmail.com	
13	3123713030	Gupesh Kumar Sahu	8959717767	gupeshkumar@gmail.com	
14	3123713031	Hareesh Kumar Rathore	9981444545	hareeshkumar@gmail.com	
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16	3123713068	Shubham Chandrakar	900919019	shubhamchand658@g gmail.com	
17	3123713070	Shubham Pandey	9827104429	shubhampandey654@gmail.com	
18	3123713072	Siddhnat Mishra	8827299559	siddhanmishra68@gmail.com	
19	3123713073	Soman Lal Sahu	9584312128	somanlsahu623@gmail.com	
20	3123713096	Romi Bereth	9926123052	romibereth657@gmail.com	
21	3123713097	Shubham Sharma	9589546470	shubham456@gmail.com	



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E-mail: principal.eng@rit.edu.in, H.O. Near Bal Ashram, Kutchery Chowk, Jail Road, Raipur-492001 Chhattisgarh, Ph: 0771-3522292121, 4036053

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Student list (5th sem) of Participation And Training in ANSYS, RIT 2020-21

S No	Roll No.	Student Name	Mob.No.	E-Mail ID	Remark
1	3123712001	Abhimanyu Singh	9631726967	abhimanyus@gmail.com	
2	3123712003	Prabhat Kumar	7488081010	prabhatkumar@gmail.com	
3	3123712004	Pramod Kumar Sharma	9039653816	pramodkumar@gmail.com	
4	3123712006	Shubham Kumar	09431693595	shubhamkumar@gmail.com	
5	3123712007	Vinay Pratap Singh	0769797730	vinaypratap@gmail.com	
6	3123712008	Abhishek Das Manikpuri	74891719319	abhishekdm@gmail.com	
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9	3123712011	Anil Kumar Dharuw	9179846192	anilkumar15@gmail.com	
10	3123712012	Ankur Singh	9827472946	ankursingh@gmail.com	
11	3123712013	Anurag Pathak	9827467590	anuragpathak@gmail.com	
12	3123712014	Arun Taram	9926974534	aruntaram@gmail.com	
13	3123712016	Avinash Kumar Patel	9753766510	avinashkumar@gmail.com	
14	3123712017	Awdhesh Patel	9425291198	awadheshp@gmail.com	
15	3123712018	Bhargav Singh	7587045412	bhargavs@gmail.com	
16	3123712019	Bhoopesh Kumar	8817186467	bhoopeshkumar@gmail.com	
17	3123712024	Chandra Shekhar	8602139274	chandrashekhar@gmail.com	

Head of Department



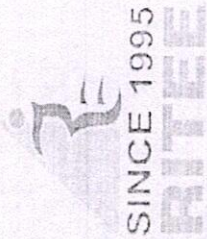
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CERTIFICATE OF COMPLETION

Mr. / Ms. ABHIMANYU SINGH B.E. "MECHANICAL ENGINEERING" 3rd Semester of RITEE through His / Her hard work and dedication has completed 14 days (30 Hours) training on "ANSYS" from 08/08/2020 to 05/09/2020 in Session: 2020-2021

During the period of this training program with us, He / She was found punctual, hardworking and inquisitive. We wish Him / Her every success in forthcoming endeavors.

PROGRAM COORDINATOR

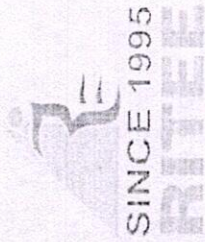
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