



**Jagannath
University**
Jaipur | Rajasthan

DEPARTMENT OF ENGINEERING & TECHNOLOGY
(Mechanical Engineering)

VALUE ADDED COURSE RECORD

Session 2023-24

Sr. No.	Semester	Session
1	ODD (I,III,V,VII)	July To Dec 2023
2	EVEN (II,IV,VI,VIII)	Jan to June 2024

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**Jagannath
University**

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[UGC Approved & NAAC ACCREDITED GRADE 'A']

Ref. No. JU Academics 2023-24-02

Date: 02.03.2024

NOTICE

This is to inform regarding the Value Added Courses (VAC) being offered by the University for the Academic Session 2023-24 (for Even Semester). The Value Added Courses offered by the Departments are open for all students. Students who will complete the course successfully will get the course completion certificate. Students are required to get themselves registered in the respective department running the course. Last date for registration is 06 March, 2024. Classes for Value Added Courses will commence from 06 March, 2024.

List for all Value Added Courses (Annexure-I) enclosed herewith has to be circulated among the students so that they can opt any one of their choice.

All the Dean HoD's are requested to float this message among the students

Prof. (Dr.) Anil ~~BEAN~~ Sharma

Dean, Academic ~~SERVICES~~

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Copy for information's and necessary action to:

1. P.A. to President
2. Pro-President
3. Director, IQAC
4. Registrar Office
5. Controller of Examination
6. Dean HoD's

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Value Added Courses (Sitapura Campus)


(2023-24)

S. No.	Title of the Courses	Department
1	GSI	Dept. of Management
2	Advanced Communication <i>(only for the students of Department of Management)</i>	
3	Hardware and Networking Essentials	Dept. of Engineering & Technology
4	Importance of Green Building and Its Applications	
5	Mobile Technology and Maintenance	
6	Workshop Maintenance	Dept. of Physiotherapy
7	First Aid	
8	Life style diseases & their management	
9	Work Place ergonomics	Dept. of Allied Health Sciences
10	Digital Health	
11	AI in Health Care	
12	Digital Empowerment	
13	Constitutional Values in Indian constitution	Dept. of Law
14	Cyber Security	

Value Added Courses (Chaksu Campus)

(2023-24)

S. No.	Title of the Courses	Department
1	Maintenance of Mechanical Workshop	Dept. of Engineering & Technology
2	Maintenance of Electrical Workshop	
3	Vedic Mathematics	Dept. of Management
4	AI in Marketing	
5	Tools for prospective teaching of pedagogy	
6	Indian Education System	Dept. of Education
7	E-content development	
8	Different forms of art & crafts	
9	Structure and Dynamics of Indian Agriculture	
10	Waste recycling and Vermi-composting	Dept. of Agriculture
11	Small Millets cultivation and Value Addition	
12	Nutrition for Health & Fitness	
13	Basics of Food Science and Nutrition	Dept. of Naturopathy
14	Behavioral Science	
15	Clinical Research	


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**DEPARTMENT OF ENGINEERING & TECHNOLOGY
(MECHANICAL ENGINEERING)**

Date: 02/03/2024

Circular

All the students of B.Tech all Semesters are hereby informed that Value Added Course will be offered in this semester. The lists of value added course is given in the following table:

Subject Code	Subject Name	Duration (Hrs.)
VACET022	Maintenance of Mechanical Workshop	30

You are required to choose one paper from given group and submit your VAC choice to undersigned latest by 06/03/2024. The classes will be starting from 06/03/2024. The student can contact to Head of Department for further queries.



DEAN

FACULTY OF ENGINEERING & TECHNOLOGY
Dr. Om Prakash Sharma
Head of Department (E&T)

Copy to:

1. PS to President
2. PS to Registrar
3. Dean, Faculty of Science
4. Dean Academics
5. Controller of Examinations
6. Coordinator- B. Sc. (PCM)
7. Concerned Faculty Members
8. Notice Board

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**DEPARTMENT OF ENGINEERING & TECHNOLOGY
(MECHANICAL ENGINEERING)
Time Table for Value Added Course
Session: 2023-24**

Programme: B Tech

Programme Code: VACET022

Name of Faculty: Mr Avinash Nath Tiwari/Rakesh Kumar/Dr Amit Saraf/Pankaj Sharma

Day	Time	Course Name	Course Code
Monday	03:25 PM – 04:10 PM	Maintenance of Mechanical Workshop	VACET022
Wednesday	03:25 PM – 04:10 PM	Maintenance of Mechanical Workshop	VACET022

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Program Name: B.Tech		Semester: II			Section: E			
	I	II	III	IV	V	VI	VII	VIII
Day/Time	9:20-10:15	10:15-11:10	11:10-12:05	12:05-12:55	12:55-1:45 Lunch	1:45-2:35	2:35-3:25	3:25-4:15
Monday	BME (RK)	BEE (PKS)	MPWorkshop B.Tech E1 (RK) BEE Lab B.Tech E2 (PKS)			Physics (SH)	LIB	VAC
Tuesday	CAMD Lab B.Tech E1 (AKS) Physics Lab B.Tech E2 (SS)		UHV (DG)	LIB		Mathematics-II (AK)	SPORTS	Remedial Classes/Activities
Wednesday	Mathematics-II (AK)	BEE (PKS)	MPWorkshop B.Tech E2 (RK) BEE Lab B.Tech E1 (PKS)		LUNCH	BEE (PKS)	Physics (SH)	VAC
Thursday	Physics (SH)	EVS (SRA)	Mathematics-II (AK)	BME (RK)		CAMD Lab B.Tech E2 (AKS) Physics Lab B.Tech E1 (SS)		Remedial Classes/Activities
Friday	Mathematics-II (AK)	UHV (DG)	EVS (SRA)	Physics (SH)		LIB	SPORTS	MOOC

Important Notes

- * SE - Skill Enhancement (Soft Skills / Comm. Skills / Language Lab/ Tech. trends etc.
- * Life Skill (Yoga / Meditation/ Health/ Hygiene etc.) and SE Compulsory for all students
- * Tutorial - Subject Specific Problem Solving / Slow Learner Subject Class
- * Activities - Student Activities (Department Specific/University Level)
- * Students not registered in Comp. Exam Preparations should be engaged in domain specific activities/ incubation/ research/ community engagement

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**DEPARTMENT OF ENGINEERING & TECHNOLOGY
(MECHANICAL ENGINEERING)
Faculty Guidelines (Core/Visiting]**

The following rules have been drawn for creating a conducive and a healthy academic environment in the University. All the faculty members are requested to observe the same both in letter and spirit.

- The classes should commence sharply at the scheduled time and should be left at the scheduled time only, even if the teacher has completed the planned lecture. Leaving the class beforehand may cause disturbance to other ongoing classes.
- The faculties need to intimate beforehand for the adjustment of their classes to their respective coordinators. No class would be adjusted if intimation is received on the day on which the lecture is scheduled.
- The faculty members can avail leave only after prior approval of the Dean and intimation to the Coordinator. Faculty members are requested to adjust their classes in consultation with the course coordinators before availing leave.
- The students should not be given any break during the lecture period.
- The students are expected to be in the class as soon as the bell rings. However it the sole discretion of the concern faculty member to permit a student in the class not later than 10 minutes of commencement of the class.
- It is the entire responsibility of the teacher to maintain the discipline in the class.
- Faculties should ensure that all the Mobiles of the students are on switched off mode before the commencement of the lecture. Also the faculty members are requested to keep their mobile phones either on switched off mode or on silent mode and not to attend any call during the class.
- The attendance will be maintained in Cumulative form e.g. 1, 2, 3, 4. Faculty members are requested to take the attendance themselves & the same should be signed after calculating the daily class strength.
- Faculties should take the Attendance at the end of the lecture, & not in between or in the beginning to avoid the class-bunking.
- Faculty members are requested to provide subject notes to the students, give assignments and conduct class tests regularly.

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- They need to update the **Teaching Assignment Form** regularly w.r.t. Lecture Dates, Course/ topic covered in subsequent lectures.
 - Faculty members are requested to assign minimum 2 **Class Tests** & 3 **Assignments** during the Semester & submit the marks for the same to the coordinator in the prescribed **Student Assessment Sheet** at the Semester End in order to **Update the Internal Assessment** of the student concerned.
 - It is essential to attach one copy of the **Assignment given, Class Tests conducted, Notes/ Handouts distributed** in the Attendance Register for office record.
 - Faculty members are requested to cover the syllabus unit wise and lesson plan wise.
 - Faculty members are requested to discuss the progress of the course covered, as well as class discipline with the course coordinator/HOD as & when required.
 - Faculty members are requested to **cover 60% of the syllabi** before Mid-term Examinations. The Mid-term Examinations would generally be scheduled after 8 weeks of subsequent teaching.
 - **Faculty members need to conclude their syllabi within the assigned module as mentioned in the syllabus**
 - Faculty members are also expected to discuss the **Previous Year's Question Papers** in subsequent class lectures. They should take **Extra efforts with slow learners** to improve their performance.
 - **For LCD/ LAB requirements** please intimate the respective Course Coordinator at least one week in advance.
 - **It is also desired that faculties will regularly discuss the course coverage with other faculty members taking the same paper in a given semester.**
 - **Faculties will be preparing a Common Question Paper for Mid-term & a Model Question paper for End-term Examination & submit the same in a soft copy to the Controller of Examinations when specified.**
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DEPARTMENT OF ENGINEERING & TECHNOLOGY
(MECHANICAL ENGINEERING)
Session: 2023-24

Maintenance of Mechanical Workshop (VACET022)

Syllabus

Course Objective

1. To assist in performing Workshop maintenance and assist in performing the actual repair/ replacement of various parts/ aggregates in a machine
2. To plan and organize work requirements including various activities, deliverables or work output required in the given time.
3. To maintain set quality standards and use resources in a responsible manner (both material / equipment and manpower)

Course Outcome

1. Reduce routine maintenance tasks, Improve safety.
2. Reduce standard repair time, Reduce redundant repairs.
3. Improve safety by eliminating personal injury hazards.
4. Improve Reliability, Availability, and Maintainability.
5. Ensure quality production, Extend mean time between failures.

Module 1(10)

Machine Shop Maintenance: Lathe machine maintenance, milling machine shop maintenance, shaper maintenance, Do not to DO list, checklist assessment

Module 2 (10)

Foundry & Carpentry shop Maintenance: Types of tools & its maintenance, Causes of leaks, Chemical Thread Sealants, How they work, Product selection, How to select the right product, How substrates affect performance,

Retaining: Types, classes, and typical uses of, cylindrical fittings, Potential fit problems and possible solutions, Retaining Compounds, How they work, Product selection-How to select the right product, How substrates affect performance.

Module 3 (10)

Explain and follow 5-S principles in work area, manage time, materials and cost effectively. Use resources in a responsible manner, Follow the organization's policies and procedures for working with colleagues, and apply balanced judgment to different situations.

Reference Books:-

1. Mechanical workshop Maintenance by K. C John, PHI publication.
2. Mechanical Maintenance by N. P. Choudhary, Nirali Publications.
3. Handbook of Mechanical Maintenance by J R Mahto
4. Workshop Practice by A K Sardhe, AiCTE e Kumbh

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Lecture Plan

Subject: Maintenance of Mechanical Workshop (VACET022)

LECTURE	TOPIC
Lecture 01	Machine Shop Maintenance: Lathe machine maintenance,
Lecture 02	milling machine shop maintenance,
Lecture 03	shaper maintenance,
Lecture 04	Do not to DO list, checklist assessment
Lecture 05	Various tool of Lathe machine
Lecture 06	Study of tools of milling
Lecture 07	Turning and Facing Operation Practice
Lecture 08	Hands on Practice
Lecture 09	Foundry & Carpentry shop Maintenance: Types of tools & its maintenance
Lecture 10	Causes of leaks,
Lecture 11	Chemical Thread Sealants How they work
Lecture 12	Product selection, How to select the right product,
Lecture 13	How substrates affect performance,
Lecture 14	Retaining: Types, classes, and typical uses
Lecture 15	Cylindrical fittings

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Lecture 16	Potential fit problems and possible solutions
Lecture 17	Retaining Compounds, How they work,
Lecture 18	Product selection-How to select the right product
Lecture 19	How substrates affect performance.
Lecture 20	Explain and follow 5-S principles in work area
Lecture 21	Manage time,
Lecture 22	Materials and cost effectively,
Lecture 23	Use resources in a responsible manner
Lecture 24	Follow the organization's policies and
Lecture 25	Procedures for working with colleagues,
Lecture 26	Apply balanced judgment to different situations.
Lecture 27	Hand on Practice
Lecture 28	Hand on Practice
Lecture 29	Hand on Practice
Lecture 30	Hand on Practice

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Jagannath University				
VAC : Mechanical Workshop Maintenance				
B. Tech. List of Registered Students				
Sr. No.	Course	Branch	Enrollment No.	Name
1	B.Tech.	CSE	0998789697	Abhishek Kumar
2	B.Tech.	CSE	201230347	Rahul
3	B.Tech.	CSE	201230344	Aditya raj
4	B.Tech.	Mechanical	0207230017	Rajeev ranjan
5	B.Tech.	CSE	0201230216	Nitish Kumar Yadav
6	B.Tech.	CSE	201230203	Sivam
7	B.Tech.	CSE	0201230266	Rupesh kumar
8	B.Tech.	CSE	0201230227	Prashant kumar
9	B.Tech.	CSE	201230254	Ranvir kumar
10	B.Tech.	CSE	0201230214	Nitish Kumar
11	B.Tech.	CSE	201230255	Raunak kumar
12	B.Tech.	CSE	0201230230	Prince Kumar
13	B.Tech.	Civil	0209230018	Vivek kumar
14	B.Tech.	CSE	0201230221	Pappu Kumar
15	B.Tech.	CSE	201230309	Sunil Kumar Sahni
16	B.Tech.	Civil	209230019	Vivek Kumar Paswan
17	B.Tech.	CSE	201230265	Rupan kumar yadav
18	B.Tech.	CSE	201230217	Nitish kumar yadav
19	B.Tech.	CSE	0201230215	Nitish Kumar yadav
20	B.Tech.	Electrical	0211230027	Ravishankar kumar
21	B.Tech.	CSE	0201230306	Sujeet Kumar Singh
22	B.Tech.	CSE	201230264	Roshan Kumar
23	B.Tech.	Electrical	0211230032	Sanjeev Kumar
24	B.Tech.	Electrical	211230060	Raushan Kumar
25	B.Tech.	Electrical	211230039	Vicky Kumar
26	B.Tech.	CSE	0201230307	Sujit kumar
27	B.Tech.	Electrical	0211230031	Sanjay Kumar
28	B.Tech.	CSE	0201230289	SHIVAM KUMAR
29	B.Tech.	CSE	0201230229	PREM RANJAN
30	B.Tech.	Electrical	0211230034	Shyam Sundar Yadav
31	B.Tech.	Mechanical	207230019	Santu kumar
32	B.Tech.	Civil	0209230017	SAIF Ali
33	B.Tech.	CSE	0201230236	Punit Kumar
34	B.Tech.	CSE	201230250	rajnish kumar
35	B.Tech.	CSE	0201230297	Shubham raj
36	B.Tech.	Civil	0209230011	Nitish Kumar
37	B.Tech.	CSE	0201230295	Shubham Kumar
38	B.Tech.	CSE	0201230239	Rahul kumar
39	B.Tech.	CSE	0201230310	Sunny kumar
40	B.Tech.	CSE	201230318	UDIT RANJAN
41	B.Tech.	CSE	0201230329	Vivek Kumar
42	B.Tech.	CSE	0201230236	Vishal kumar
43	B.Tech.	CSE	201230304	Sudhanshu kumar
44	B.Tech.	CSE	201230280	Saurav Kumar

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45	B.Tech.	CSE	201230259	Ritesh Kumar
46	B.Tech.	CSE	0201230244	Rahul Raj
47	B.Tech.	CSE	20123031	yuvraj kumar singh
48	B.Tech.	CSE	0201230314	Surya Prakash Sah
49	B.Tech.	CSE	0201230277	Satyam Kumar singh
50	B.Tech.	Electrical	211230040	Vishal Kumar
51	B.Tech.	CSE	0201230249	Rajat Kumar Shrivastava
52	B.Tech.	Mechanical	207230018	Ranjan kumar
53	B.Tech.	CSE	201230333	Yuvraj Singh
54	B.Tech.	CSE	0201230345	Rishabh kumar
55	B.Tech.	Electrical	0211230025	Rahul kumar
56	B.Tech.	CSE	0201230233	Priyanshu
57	B.Tech.	CSE	0201230286	Shashikant Raj
58	B.Tech.	CSE	0201230258	Ravishankar kumar
59	B.Tech.	CSE	201230220	Pankaj Kumar prasad
60	B.Tech.	CSE	0201230294	Shubham Kumar
61	B.Tech.	CSE	201230287	Shashikant Singh
62	B.Tech.	Electrical	211230030	Rishi
63	B.Tech.	CSE	0201230275	Sanjeev Kumar
64	B.Tech.	CSE	0201230311	Suraj Bhan Pratap Singh
65	B.Tech.	CSE	0201230284	Shantanu kumar
66	B.Tech.	CSE	0201230312	Suraj Kumar
67	B.Tech.	CSE	0201230325	Viaksh patel
68	B.Tech.	CSE	0201230335	Raushan Kumar
69	B.Tech.	CSE	201230313	Surajkumar
70	B.Tech.	CSE	201230308	Sumit Kumar
71	B.Tech.	CSE	0201230281	Shahid Ansan
72	B.Tech.	CSE	201230328	Vivek Kumar
73	B.Tech.	CSE	0201230321	Vidya Shankar Kumar
74	B.Tech.	Mechanical	207230021	Tabrez Ansari
75	B.Tech.	Civil	0209230015	Rohit Kumar
76	B.Tech.	CSE	201230285	Sharif Alam
77	B.Tech.	Mechanical	207230016	Prince kumar
78	B.Tech.	CSE	0201230334	MD MOBASSIRUL ISLAM
79	B.Tech.	Electrical	211230026	Raushan Kumar
80	B.Tech.	CSE	0201230213	Nitish Kumar
81	B.Tech.	CSE	0201230327	VISHAL KUMAR
82	B.Tech.	CSE	0201230222	Pawan Kumar
83	B.Tech.	CSE	201230308	SUMIT KUMAR
84	B.Tech.	CSE	0201230320	Uttam Kaushik
85	B.Tech.	CSE	201230256	Raushan Kumar
86	B.Tech.	CSE	0201230236	Punit kumar
87	B.Tech.	Electrical	0211230036	Sumit Kumar Sharma
88	B.Tech.	CSE	201230228	Prashant Kumar Singh
89	B.Tech.	CSE	201230246	Raja Babu
90	B.Tech.	Electrical	211230038	Suraj yadav
91	B.Tech.	CSE	0201230248	Rajan Kumar
92	B.Tech.	CSE	0201230322	Vikash kumar
93	B.Tech.	Mechanical	0207230015	NITISH KUMAR YADAV
94	B.Tech.	CSE	0201230301	Sonu kumar
95	B.Tech.	CSE	201230257	Ravi kumar

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96	B.Tech.	Mechanical	0207230017	Rajeev ranjan
97	B.Tech.	CSE	0201230270	Nitish Kumar
98	B.Tech.	CSE	201230211	Nitish Kumar
99	B.Tech.	CSE	201230300	sonu kumar
100	B.Tech.	CSE	201230262	Rohit Kumar
101	B.Tech.	CSE	201230234	Priyranjan Raj
102	B.Tech.	Civil	209230009	Nishant Kumar
103	B.Tech.	Civil	0209230012	Pushpendra Kumar paswan
104	B.Tech.	CSE	201230274	Sanjeev Kumar
105	B.Tech.	CSE	0201230337	Vikesh kumar
106	B.Tech.	CSE	0201230330	Yash Raj
107	B.Tech.	Electrical	0211230035	Singh Animesh Shaileshsingh
108	B.Tech.	CSE	201230302	Sonu Kumar
109	B.Tech.	CSE	201230332	Yuvraj Singh
110	B.Tech.	Electrical	0211230029	Sachin kumar
111	B.Tech.	Mechanical	0207230022	Jaydeep kumar
112	B.Tech.	CSE	0201230316	Tilak Raj Singh
113	B.Tech.	Mechanical	0207230020	Sonu Kumar
114	B.Tech.	CSE	0201230305	Sudhanshu Kumar Singh
115	B.Tech.	CSE	201230276	Sarvottamvatts
116	B.Tech.	Mechanical	207230021	Tabrez Ansari
117	B.Tech.	Electrical	0211230042	Aman kumar
118	B.Tech.	CSE	201230323	vikash kumar
119	B.Tech.	CSE	0201230270	Nitish Kumar
120	B.Tech.	CSE	0201230267	Sahbaj Alam
121	B.Tech.	CSE	201230250	Rajnish kumar
122	B.Tech.	CSE	0201230225	Pranab Kumar saha
123	B.Tech.	CSE	201230224	Prahlad kumar
124	B.Tech.	Electrical	0211230041	Vishal kumar Yadav
125	B.Tech.	CSE	0201230283	Shailendra Kumar
126	B.Tech.	CSE	0201230222	Pawan Kumar
127	B.Tech.	CSE	201230253	Rampravesh kummar
128	B.Tech.	CSE	201230242	Rahul Kumar
129	B.Tech.	CSE	0201230247	RAJAN KUMAR
130	B.Tech.	CSE	0201230240	Rahul Kumar ko
131	B.Tech.	Civil	0209230016	Rohit Kumar pandit
132	B.Tech.	CSE	0201230273	Aditya Kumar Mishra
133	B.Tech.	CSE	0201230303	Subodh Kumar yadav
134	B.Tech.	CSE	0201230324	Vikash Kumar Tiwari
135	B.Tech.	CSE	0201230293	Shruti rupa
136	B.Tech.	CSE	0201230252	Ram Kumar pandit
137	B.Tech.	CSE	8274513136	Puja kumari
138	B.Tech.	CSE	0201230282	Shail putri
139	B.Tech.	CSE	0201230279	Saurabh Kumar
140	B.Tech.	Electrical	0211230033	Shivbrat kumar
141	B.Tech.	Civil	0209230010	Nitish kumar
142	B.Tech.	CSE	0201230278	Satyam pandey
143	B.Tech.	CSE	020123028 8	Shilpi Kumari
144	B.Tech.	CSE	0201230317	Tripti Singh


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145	B.Tech.	CSE	0201230238	Quamrul Hoda
146	B.Tech.	CSE	0201230218	Osi Ali
147	B.Tech.	CSE	0201230291	Shreyashi garg
148	B.Tech.	CSE	0201230336	Maitreye kumari
149	B.Tech.	CSE	0201230315	Tannu nirupam
150	B.Tech.	CSE	0201230290	Shreya kumari
151	B.Tech.	CSE	0201230345	Rishabh kumar
152	B.Tech.	Civil	0209230010	Nitish kumar
153	B.Tech.	CSE	201230257	Ravi kumar


Signature of Faculty


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Jagan Nath University, Jaipur
B.Tech II Sem. Attendance Sheet Section F

Session: 2023-24

Name of the Faculty: **A.N. Tiwari**

Subject: **VAC Workshop Maintenance**

S. No.	Date Name	Father's Name	Month												Total								
			1	2	3	4	5	6	7	8	9	10	11	12		13	14	15	16	17	18	19	20
1	Sanjay Kumar	Boyas Sah	06	11	13	18	20	27	01	03	07	15	22	27	29	01	06	08	13	15	20	22	22
2	Sanjeev Kumar	Braj Kishor Ray	03	03	03	03	03	03	04	04	04	04	04	04	04	05	05	05	05	05	05	05	05
3	Sanjeev Kumar	Dilip Kumar	0	1	2	3	4	5	6	7	8	9	9	9	10	11	12	12	13	14	15	15	16
4	Sanjeev Kumar	Sunil Ram	1	2	2	3	4	5	6	7	8	8	8	9	10	11	12	13	14	15	16	16	17
5	Santu Kumar	Chhote Prasad	0	1	2	3	4	5	6	7	7	8	9	10	11	12	13	14	15	16	17	17	17
6	Sarvottam Vats	Subodh Kumar Choudhary	0	1	2	3	4	5	6	7	7	8	9	10	11	12	13	14	15	16	17	17	17
7	Satyam Kumar Singh	Satyendra Kishore Singh	1	2	3	4	5	6	7	8	9	9	9	10	11	12	13	14	15	16	17	18	18
8	Satyam Pansley	Rajesh Pandey	1	2	3	4	5	6	7	8	9	9	9	10	11	12	13	14	15	16	17	17	17
9	Saurabh Kumar	Rambabu Prasad Yadav	1	2	3	4	5	6	7	8	9	9	9	10	11	12	13	14	15	16	17	18	18
10	Saurav Kumar	Pankaj Kumar Thakur	1	2	3	4	5	6	7	8	9	9	9	10	11	12	13	14	15	16	17	18	18
11	Shahid Ansari	Aasim Ansari	1	1	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18	18
12	Shal Putri	Sunil Kumar Yadav	0	1	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18	18
13	Shashendra Kumar	Ranjeet Kumar Bhandari	1	2	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	17	17
14	Shantanu Kumar	Manindra Singh	1	1	2	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18
15	Sharif Alam	Manjoor Alam	1	2	3	4	5	6	7	8	9	9	9	10	11	12	13	14	15	16	17	18	18
16	Shashikant Raj	Arjun Mansal	1	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18	18	18
17	Shashikant Singh	Late Prashant Singh	1	2	3	4	5	6	7	8	9	9	9	10	11	12	13	14	15	16	17	18	18
18	Shilpi Kumar	Nitesh Kumar	1	2	3	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18	18
19	Shiv Prat Kumar	Rajeshwar Prswan	0	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	18
20	Shivam Kumar	Vijay Kumar Singh	1	2	3	4	5	6	7	8	9	9	9	10	11	12	13	14	15	16	17	18	18
21	Shreya Kumari	Arvind Kumar	1	2	3	4	5	6	7	8	9	9	9	10	11	12	13	14	15	16	17	18	18
22	Shreyashi Garg	Ramesh Tiwari	0	1	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18	18
23	Shruti Komari Ray	Abbey Kumar Suman	1	2	3	4	5	6	7	8	9	9	9	10	11	12	13	14	15	16	17	18	18
24	Shrutu Rupa	Raj Kumar Choudhary	1	1	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18	18
25	Shubham Kumar	Sudhir Chaudhari	1	1	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18	18
26	Shubham Kumar	Chandrika Saw	0	1	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18	18
27	Shubham Raj	Ramanuj Prasad	1	2	3	4	5	6	7	8	9	9	9	10	11	12	13	14	15	16	17	18	18
28	Shyam Sundar Yadav	Bhannu Yadav	1	1	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18	18
29	Singh	Shailish Singh	0	1	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18	18
30	Sonu Ansari	Hakim Ansari	1	1	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18	18
31	Sonu Kumar	Tej Narayan Bhaugat	1	2	3	4	5	6	7	8	9	9	9	10	11	12	13	14	15	16	17	18	18

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32	Sonu Kumar	Sunjay Mahito	1	2	3	4	5	5	6	7	8	9	9	10	11	12	13	14	15	16	16	17
33	Sonu Kumar	Prakash Kapor	1	1	2	3	4	5	5	6	7	7	8	9	10	11	12	13	14	15	16	16
34	Sonu Kumar	Pankaj Kumar Yadav	0	1	2	3	4	5	6	7	7	8	9	10	11	12	12	13	14	15	16	17
35	Subodh Kumar Yadav	Lakshman Yadav	0	1	2	3	4	5	6	7	8	9	9	10	11	12	12	13	13	14	15	16
36	Sudhanshu Kumar	Rupesh Kumar Mishra	0	1	1	2	3	4	5	6	7	8	8	9	10	11	12	13	14	15	16	17
37	Sudhanshu Kumar Singh	Suresh Kumar Singh	1	2	3	4	5	6	7	8	8	9	10	11	12	12	13	14	15	16	17	18
38	Sujeet Kumar Singh	Ramawatar Singh	1	2	3	4	5	5	6	7	8	8	9	10	11	12	13	14	15	16	17	18
39	Sujit Kumar	Kashinath Ray	1	2	3	4	5	5	6	7	7	8	9	10	11	12	13	14	15	16	17	18
40	Sumit Kumar	Manoj Yadav	0	1	2	3	4	5	6	7	8	8	9	9	10	10	11	12	13	14	15	16
41	Sumit Kumar Sharma	Ranveer Sharma	1	2	3	4	5	6	6	7	7	8	8	9	9	10	11	12	12	13	14	15
42	Sunil Kumar Sahni	Vijay Sahni	1	2	3	3	4	4	5	6	7	7	8	8	9	10	11	12	12	13	14	15
43	Sunny Kumar	Jitendra Singh	1	2	3	3	4	5	5	6	6	7	7	8	9	10	11	12	12	13	14	15
44	Suraj Bhan Pratap Singh	Pawan Kumar	1	2	3	4	5	6	6	7	8	8	9	10	11	12	13	14	15	16	17	18
45	Suraj Kumar	Binod Kumar	1	2	3	4	5	6	7	8	8	9	10	11	12	13	14	15	16	17	18	19
46	Suraj Kumar	Lalan Kumar	1	2	2	3	4	4	5	6	7	8	8	9	10	11	12	13	14	15	16	17
47	Suraj Yadav	Shravan Singh Yadav	1	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18	19
48	Surya Prakash Sah	Satya Prakash Sah	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
49	Tabrez Ansari	Abdul Sumad Ansari	0	1	2	3	4	4	5	6	7	8	8	9	10	11	12	13	14	15	16	17
50	Tanuja Nirupam	Abanindra Kumar	1	2	3	4	5	6	7	8	8	9	10	11	12	13	14	15	16	17	18	19
51	Tilak Raj Singh	Sudhir Singh	1	2	3	4	5	5	6	7	8	8	9	10	11	12	13	14	15	16	17	18
52	Tripti Singh	Vijay Kumar Singh	0	1	2	2	3	4	5	6	7	8	8	9	10	11	12	13	14	15	16	17
53	Udit Ranjan	Divesh Ranjan	1	2	3	3	4	5	6	7	7	8	8	9	9	10	11	12	13	14	15	16
54	Uttam Kaushik	Prabhsakar Kumar	1	2	3	3	4	4	5	6	7	7	8	8	9	10	11	12	13	14	15	16
55	Vicky Kumar	Krishna Ram	1	2	3	4	5	5	6	6	6	6	7	7	8	9	10	11	12	13	14	15
56	Vidya Shankar Kumar	Munira Prasad	1	2	3	3	4	5	5	5	5	6	6	7	7	8	9	10	11	12	13	14
57	Vikash Kumar	Gagandev Baittha	0	1	2	3	4	4	5	6	7	8	8	9	9	10	11	12	13	14	15	16
58	Vikash Kumar	Sunil Mahito	1	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18	19
59	Vikash Kumar Tiwari	Ganesh Tiwari	1	2	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18
60	Vikash Patel	Angad Kumar Singh	1	2	3	4	5	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18
61	Vishal Kumar	Ajay Yadav	1	2	3	4	5	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18
62	Vishal Kumar	Yadav	1	2	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18
63	Vishal Kumar	Mahesh Thakur	1	1	1	2	3	4	5	6	7	8	8	9	9	10	11	12	13	14	15	16
64	Vishal Kumar Yadav	Ravindra Singh Yadav	1	2	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18
65	Vivek Kumar	Ramesh Singh	1	2	3	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18
66	Vivek Kumar	Sanjit Kumar	0	1	2	3	4	5	5	6	6	7	7	8	8	9	10	11	12	13	14	15
67	Vivek Kumar	Basdev Ray	0	1	1	2	3	4	4	5	6	7	7	8	8	9	10	11	12	13	14	15
68	Vivek Kumar Paswan	Shyam Sundar Paswan	0	1	2	3	4	5	5	6	7	8	9	10	11	12	13	14	15	16	17	18
69	Yash Raj	Deepak Kumar	0	1	2	3	4	5	5	6	7	8	8	9	10	11	12	13	14	15	16	17

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70	Yuvraj Kumar Singh	Gobind Singh	1	2	3	4	5	5	6	6	7	8	9	10	11	12	13	14	15	16	17	18
71	Yuvraj Singh	Dhyanjay Singh	0	1	2	3	4	4	5	6	7	7	8	9	10	11	12	13	14	15	16	17
72	Yuvraj Singh	Chandan Singh	1	2	2	2	3	4	5	6	7	7	8	9	10	11	12	13	14	15	16	17
73	Md Mobassimul Islam	Md. Nazrul Islam	1	2	3	4	5	6	6	7	7	8	9	10	11	12	13	14	15	16	17	
74	Jaydeep Kumar	Rameshwar Subhani	1	2	3	4	5	6	7	8	9	10	10	11	12	13	14	15	16	17	18	
75	Aman Kumar	Ajay Kumar	1	2	2	3	4	5	5	6	7	8	8	9	10	11	12	13	14	15	16	17
76	Raushan Kumar	Rakesh Tiwari	1	2	3	4	5	5	6	6	7	7	8	9	10	11	12	13	14	15	16	17
77	Maitreye Kumari	Anand Kumar	0	1	2	3	4	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
78	Vikesh Kumar	Nailhumi Yadav	0	1	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	16	17	18

Note- 1. The attendance should be marked 1,2,3, ... not A and P.

2. This attendance sheet should be submitted to Chief Course Coordinator on last working day of every month.

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 Jaipur

Jagan Nath University, Jaipur

B.Tech II Sem. Attendance Sheet Section F

Session: 2023-24

Name of the Faculty: **A. N. Tiwari**

Subject: **VAC Workshop maintenance**

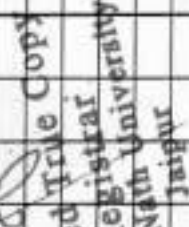
Month: **Mar. - June**

S. No.	Date	Name	Father's Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total	
1		Sanjay Kumar	Bhaya Sah	27	03	07	10	12	17	19	24	24	26												
2		Sanjeev Kumar	Bray Kishor Ray	05	06	06	06	06	06	06	06	06	06												
3		Sanjeev Kumar	Dilip Kumar	17	18	19	20	20	21	22	23	24	25												
4		Sanjeev Kumar	Sunil Ram	17	18	19	19	20	21	22	23	24	25												
5		Santu Kumar	Chhote Prasad	18	19	20	21	22	23	24	25	26	27												
6		Sarvottam Vats	Subodh Kumar Choudhary	18	19	20	21	22	23	24	25	26	27												
7		Satyam Kumar Singh	Satyendra Kishore Singh	19	20	21	21	22	23	24	25	26	27												
8		Satyam Pandey	Rajesh Pandey	18	19	20	21	22	23	24	25	26	27												
9		Saurabh Kumar	Rambabu Prasad Yadav	19	20	21	22	23	24	25	26	27	28												
10		Saurav Kumar	Pankaj Kumar Thakur	17	18	19	20	21	22	23	24	25	26												
11		Shahid Ansari	Aamammasad Ansari	16	17	18	19	20	21	22	23	24	25												
12		Shail Putri	Sunil Kumar Yadav	17	17	18	19	20	21	21	22	23	24												
13		Shalendra Kumar	Ranjeet Kumar Bhandari	17	17	18	19	20	21	22	23	24	25												
14		Shantanu Kumar	Mamindra Singh	17	18	19	20	21	22	23	24	25	26												
15		Sharif Alam	Munjoor Alam	19	20	21	22	23	24	25	26	27	28												
16		Shaohikant Raj	Arjun Mandol	18	19	19	20	21	22	23	24	25	26												
17		Shaohikant Singh	Late Prashant Singh	19	20	21	22	23	24	25	26	27	28												
18		Shilpi Kumari	Nitesh Kumar	17	18	18	19	20	21	22	23	24	25												
19		Shiv Brat Kumar	Rajeshwar Paswan	17	18	19	20	21	22	23	24	25	26												
20		Shivam Kumar	Vijay Kumar Singh	17	18	19	20	21	22	23	24	25	26												
21		Shreya Kumari	Arvind Kumar	18	19	20	21	22	23	24	25	26	27												
22		Shreyashi Garg	Ramesh Tiwari	17	18	19	20	21	22	23	24	25	26												
23		Shruti Kumari Ray	Abhay Kumar Suman	18	19	20	21	22	23	24	25	26	27												
24		Shruti Rupa	Raj Kumar Choudhary	17	18	19	20	21	22	23	24	25	26												
25		Shubham Kumar	Sudhir Chaudhary	16	17	18	19	20	21	22	23	24	25												
26		Shubham Kumar	Chandrika Saw	17	18	19	20	21	22	23	24	25	26												
27		Shubham Raj	Ramanuj Prasad	18	19	20	21	22	23	24	25	26	27												
28		Shyam Sundar Yadav	Bhanna Yadav	18	19	20	21	22	23	24	25	26	27												
29		Singh	Shailesh Singh	18	19	20	21	22	23	24	25	26	27												
30		Sonu Ansari	Hakim Ansari	16	17	18	19	20	21	22	23	24	25												
31		Sonu Kumar	Tej Narayan Bhagat	17	18	19	19	20	21	22	23	24	25												

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32	Sonu Kumar	Sanjay Mahito	18	19	20	21	22	23	24	24	25	26
33	Sonu Kumar	Prakash Kapri	17	18	19	20	21	22	23	24	25	25
34	Sonu Kumar	Pankaj Kumar Yadav	18	18	19	19	20	21	22	23	24	25
35	Subodh Kumar Yadav	Lakshman Yadav	17	18	19	20	20	21	22	23	24	25
36	Sudhanathu Kumar	Rupesh Kumar Mishra	18	19	20	21	22	23	24	25	25	26
37	Sudhanshu Kumar Singh	Suresh Kumar Singh	18	19	20	21	21	22	23	24	24	25
38	Sojeet Kumar Singh	Ramawtar Singh	18	19	20	21	22	23	24	25	25	25
39	Sujit Kumar	Kashinath Roy	18	18	19	19	20	21	22	23	24	25
40	Sunit Kumar	Manoj Yadav	17	17	18	19	20	21	22	23	24	25
41	Sumit Kumar Sharma	Ranveer Sharma	16	17	18	19	20	21	22	23	24	24
42	Sunil Kumar Sahni	Vijay Sahni	17	18	19	20	20	21	21	21	22	23
43	Sunay Kumar	Jitendra Singh	17	18	19	20	20	21	21	22	23	24
44	Suraj Bhan Pratap Singh	Pawan Kumar	17	18	19	20	21	22	23	24	25	26
45	Suraj Kumar	Binod Kumar	17	17	18	19	20	21	21	22	23	24
46	Suraj Kumar	Lalan Kumar	17	17	18	19	20	21	21	22	23	24
47	Suraj Yadav	Shrawan Singh Yadav	17	18	19	20	21	22	23	24	25	25
48	Surya Prakash Sah	Satya Prakash Sah	18	19	19	20	21	22	23	24	25	25
49	Tabrez Ansari	Abdul Samad Ansari	17	18	19	20	21	22	22	23	24	25
50	Tanna Nirupam	Abanindra Kumar	18	18	19	20	21	22	23	24	25	25
51	Tilak Raj Singh	Sudhir Singh	16	17	18	19	20	21	22	23	24	25
52	Tripti Singh	Vijay Kumar Singh	16	17	18	19	20	21	22	23	24	24
53	Udit Ranjan	Divesh Ranjan	16	18	19	19	19	20	21	21	21	22
54	Utton Kaushik	Prabhakar Kumar	17	17	18	19	20	21	22	23	24	25
55	Vicky Kumar	Krishna Ram	16	17	18	19	20	21	22	23	24	25
56	Vidya Shankar Kumar	Munna Prasad	16	17	18	19	20	21	21	22	23	24
57	Vikash Kumar	Gagandev Baitha	16	17	18	19	20	21	21	22	23	24
58	Vikash Kumar	Suril Mahito	17	18	19	19	20	20	21	22	23	24
59	Vikash Kumar Tiwari	Ganesh Tiwari	17	18	19	20	21	22	23	24	24	25
60	Vikash Patel	Anand Kumar Singh	17	18	19	20	21	22	23	24	24	25
61	Vishal Kumar	Ajay Yadav	17	18	19	20	20	21	21	22	23	24
62	Vishal Kumar	Yadav	17	18	19	20	21	22	22	23	24	24
63	Vishal Kumar	Mahesh Thakur	16	17	18	19	20	21	22	23	24	24
64	Vishal Kumar Yadav	Ravindra Singh Yadav	17	18	19	20	20	21	22	23	23	24
65	Vivek Kumar	Ramesh Singh	18	18	19	20	21	22	23	24	25	25
66	Vivek Kumar	Sanjit Kumar	17	18	19	20	21	22	23	24	25	25
67	Vivek Kumar	Bhudev Ray	16	17	18	19	20	20	21	21	22	22
68	Vivek Kumar Paswan	Shyam Sundar Paswan	18	19	20	21	22	23	24	25	25	25
69	Yash Raj	Deepak Kumar	18	19	20	21	22	23	24	25	25	25


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Jagan Nath University, Jaipur
B. Tech II Sem. Attendance Sheet Section E

Session: 2023-24

Subject: VAC Workshop maintenance
Month: May-June

Name of the Faculty:

S. No.	Date	Name	Father's Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total	
1	06/05	Nishant Kumar	Babun Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
2		Nitish Kumar	Radhe Chaudhary	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
3		Nitish Kumar	Bsanti Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
4		Nitish Kumar	Ajit Sah	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
5		Nitish Kumar	Dilip Kumar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
6		Nitish Kumar	Ravindra Ram	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
7		Nitish Kumar Yadav	Nagendra Yadav	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
8		Nitish Kumar Yadav	Rajkumar Yadav	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
9		Nitish Kumar Yadav	Rameshwar Yadav	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
10		Nitish Kumar Yadav	Madan Kumar Yadav	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
11		Osi Ali	Toukir Ahamed	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
12		Pallu Pandey	Prabhakar Pandey	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
13		Pankaj Kumar Prasad	Pradheep Kumar Prasad	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
14		Pappu Kumar	Nage Kamat	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
15		Pawan Kumar	Ravindra Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
16		Prabhad Kumar	Pritam Prasad Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
17		Pranab Kumar Saha	Priyanath Saha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
18		Prashant Kumar	Ashok Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
19		Prashant Kumar Singh	Rabindra Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
20		Prem Ranjan	RamSuresh Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
21		Prince Kumar	Nand Kumar Ray	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
22		Prince Kumar	Chandranseni Ram	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
23		Priya Raj	Kauleshwar Kumar Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
24		Priyanshu Kumar Gupta	Sanjay Kumar Gupta	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
25		Priyaranjan Raj	Devendra Chaurbar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
26		Pulkit Kumar	Rameshwar Kumar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
27		Punit Kumar	Lalita Yadav	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
28		Punit Kumar Singh	Ramendra Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		
29		Pushpendra Kumar Paswan	Brijmohan Paswan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20		

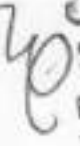
(Handwritten mark)

30	Quantul Hooda	Neyaz Ahmad	1	2	3	4	5	6	7	8	9	10	11	12	13	13	14	15	16	17	18	19
31	Rahul Kumar	Ramashankar Prasad	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
32	Rahul Kumar	Nagendra Singh	1	1	2	3	4	5	6	6	7	8	9	10	11	12	13	14	15	16	17	18
33	Rahul Kumar	Vijay Sah	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
34	Rahul Kumar	Dilip Roy	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
35	Rahul Kumar Ojha	Jay Prakash Ojha	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
36	Rahul Raj	Ramesh Prasad Verma	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
37	Raj Kumar	Vijay Kumar Mishra	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
38	Raja Babu	Ram Jivan Sah	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
39	Rajan Kumar	Pappu Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
40	Rajan Kumar	Ompakash Chauhan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
41	Rajat Kumar Shrivastav	Ranjeet Kumar Shrivastav	1	2	3	4	5	6	6	7	8	9	10	11	12	13	14	15	16	17	18	19
42	Rajeev Ranjan	Vinod Kumar	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
43	Rajnish Kumar	Satyendra Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
44	Ram Kumar Pandit	Ajay Pandit	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
45	Ram Prवेश Kumar	Shiv Kumar Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
46	Ranjan Kumar	Santosh Kumar Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
47	Ranjit Kumar	Ranjit Kumar Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
48	Rasnak Kumar	Ravindra Prasad	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
49	Rasuhan Kumar	Dhuri Paswan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
50	Rasuhan Kumar	Raja Chauhan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
51	Ravi Kumar	Rajesh Mahato	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
52	Ravi Shankar Kumar	Shambhu Thakur	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
53	Ravishankar Kumar	Mithalesh Yadav	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
54	Ritesh Kumar	Ramesh Kumar	1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
55	Ritesh Kumar	Ramaresh Kumar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
56	Riya	Punit Kumar Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
57	Riya Kumari	Sumer Singh	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
58	Rohit Kumar	Shrikant Paswan	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
59	Rohit Kumar	Santosh Prasad	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
60	Rohit Kumar Pandit	Dipnarayan Pandit	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
61	Roshan Kumar	Raghuveer Raat	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
62	Rupam Kumar Yadav	Shubh Karan Yadav	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
63	Rupesh Kumar	Umesh Manjhi	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
64	Sachin Kumar	Shobhit Lal Kamat	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19
65	Sahaj Alam	Md. Hussain	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
66	Saif Ali	Tahir Sai	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
67	Satomi Kumar	Santosh Kumar	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	19

68	Sanjana Kumari	Rabindra Pratap Singh	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
69	Nitish Kumar	Birendra Sah	1	2	3	4	5	6	7	8	7	10	11	12	13	14	15	15	17	18
70	Rohit Kumar Singh	Jay Prakash Singh	1	2	3	4	5	6	6	7	8	9	10	11	12	13	14	15	17	18
71	Ronak Jain	Nareesh Agrawal	0	1	2	3	2	4	5	6	7	8	9	10	11	12	13	14	15	17
72	Rishi Kumar	Sachikant Mishra	1	2	3	3	4	5	5	6	7	8	9	10	11	12	13	14	15	17
73	Aditya kumar mishra	Awarbesh kumar	1	1	2	3	4	5	6	7	8	7	10	11	12	13	14	15	16	18
74	Aditya Raj	Amar Kumar Sah	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19
75	Rishabh Kumar	Ramkant Sharma	0	1	2	3	4	5	6	7	8	9	9	10	11	12	13	14	15	18

Note- 1. The attendance should be marked 1,2,3,... not A and P.

2. This attendance sheet should be submitted to Chief Course Coordinator on last working day of every month.


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B.Tech II Sem. Attendance Sheet Section E

Session: 2023-24

Name of the Faculty:

Subject: VAC Workshop Maintenance

Month: March - June

S. No.	Date	Name	Father's Name	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total
1	27/3	Nishant Kumar	Babbar Singh	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
2	17	Nitish Kumar	Radhhe Chaudhary	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
3	17	Nitish Kumar	Bharati Singh	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
4	17	Nitish Kumar	Ajit Sah	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
5	17	Nitish Kumar	Dilip Kumar	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
6	17	Nitish Kumar	Ravindra Ram	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
7	17	Nitish Kumar Yadav	Nagendra Yadav	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
8	17	Nitish Kumar Yadav	Rajkumar Yadav	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
9	17	Nitish Kumar Yadav	Rameshwar Yadav	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
10	17	Nitish Kumar Yadav	Madan Kumar Yadav	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
11	17	Osi Ali	Taukir Ahamed	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
12	17	Palhu Pandey	Prabakar Pandey	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
13	17	Pankaj Kumar Prasad	Pradeep Kumar Prasad	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
14	17	Pappu Kumar	Nagee Kamal	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
15	17	Pawan Kumar	Ravindra Singh	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
16	17	Prabhad Kumar	Pritam Prasad Singh	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
17	17	Pranab Kumar Saha	Priyanka Saha	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
18	17	Prashant Kumar	Ashok Singh	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
19	17	Prashant Kumar Singh	Rabindra Singh	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
20	17	Prem Ranjan	RamSuresh Singh	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
21	17	Prince Kumar	Nand Kumar Ray	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
22	17	Prince Kumar	Chandramani Ram	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
23	17	Priya Raj	Kauleshwar Kumar Singh	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
24	17	Priyanshu Kumar Gupta	Sanjay Kumar Gupta	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
25	17	Priyanshu Raj	Deendra Chauhan	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
26	17	Paikar Kumar	Rameshwar Kumar	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
27	17	Punit Kumar	Laljan Yadav	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
28	17	Punit Kumar Singh	Ramendra Singh	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
29	17	Pushpendra Kumar Paswan	Brijmohan Paswan	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17

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30	Quantul Hooda	Neyaz Ahmad	17	20	20	21	22	23	24	25	26	26
31	Rahul Kumar	Rama Shankar Prasad	17	19	17	20	21	22	23	24	25	26
32	Rahul Kumar	Nagendra Singh	18	19	20	21	22	23	24	25	26	26
33	Rahul Kumar	Vijay Sah	18	19	20	21	22	23	24	25	26	26
34	Rahul Kumar	Dilip Roy	18	19	19	20	21	22	23	24	25	25
35	Rahul Kumar Ojha	Jay Prakash Ojha	17	19	19	21	21	22	23	24	25	25
36	Rahul Raj	Ramesh Prasad Verma	18	19	20	21	22	23	24	25	26	27
37	Raj Kumar	Vijay Kumar Mishra	18	19	20	21	22	23	24	25	26	27
38	Raja Babu	Ram Jivan Sah	17	19	20	21	22	23	24	25	26	26
39	Rajan Kumar	Pappu Singh	17	20	20	21	22	23	24	25	26	26
40	Rajan Kumar	Omprakash Chauhan	17	19	20	21	22	23	24	25	26	26
41	Rajat Kumar Shrivastav	Ranjeet Kumar Shrivastav	18	19	20	21	22	23	24	25	26	27
42	Rajeev Rajan	Vinod Kumar	17	20	21	22	23	24	25	26	27	27
43	Rajnish Kumar	Satyendra Singh	19	19	20	21	22	23	24	25	26	27
44	Ram Kumar Pandit	Ajny Pandit	18	19	20	21	22	23	24	25	26	27
45	Ram Praveesh Kumar	Shiv Kumar Singh	17	19	20	21	22	23	24	25	26	27
46	Ranjan Kumar	Santosh Kumar Singh	17	20	21	22	23	24	25	26	27	27
47	Ranvir Kumar	Ranjit Kumar Singh	19	19	20	21	22	23	24	25	26	26
48	Rasnaak Kumar	Ravindra Prasad	19	19	20	21	22	23	24	25	26	27
49	Rasnaak Kumar	Dhuri Paswan	18	19	20	21	22	23	24	25	26	27
50	Rasnaak Kumar	Rajju Chauhan	19	19	19	20	21	22	23	24	25	26
51	Ravi Kumar	Rajesh Mahito	17	19	19	20	21	22	23	24	25	26
52	Ravi Shankar Kumar	Shambhu Thakur	17	20	20	21	22	23	24	25	26	27
53	Ravishankar Kumar	Mridulesh Yadav	17	20	20	21	22	23	24	25	26	27
54	Ritesh Kumar	Ramesh Kumar	19	20	21	22	23	24	25	26	27	27
55	Ritesh Kumar	Ramaishish Kumar	19	19	20	21	22	23	24	25	26	27
56	Riya	Punit Kumar Singh	18	19	20	21	22	23	24	25	26	27
57	Riya Kumari	Sumer Singh	18	19	20	21	22	23	24	25	26	27
58	Rohit Kumar	Shrikant Paswan	19	20	21	22	23	24	25	26	27	27
59	Rohit Kumar	Saritosh Prasad	19	19	20	21	22	23	24	25	26	27
60	Rohit Kumar Pandit	Dipnarayan Pandit	18	19	20	21	22	23	24	25	26	27
61	Roshan Kumar	Raghuveer Raut	18	19	20	21	22	23	24	25	26	27
62	Rupam Kumar Yadav	Shubh Karan Yadav	19	19	19	20	21	22	23	24	25	26
63	Rupesh Kumar	Unesh Manjhi	17	19	19	20	21	22	23	24	25	26
64	Sachin Kumar	Shobhit Lal Kamat	17	19	19	20	21	22	23	24	25	26
65	Sahaj Alam	Mid. Hussain	18	19	20	21	22	23	24	25	26	27
66	Saif Ali	Tahir Sah	19	20	21	22	23	24	25	26	27	27
67	Saloni Kumari	Santosh Kumar	18	19	20	21	22	23	24	25	26	27

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Teaching Assignment Form

Name of the Teacher: A. N. TiwariProgramme: B.Tech Semester II Academic Year: 2023-24Subject: Maintenance of Mechanical Workshop (VACET022)

S.No	Date	Topic Discussed	Home Work - Assignment / Tutorial Allotted	Remarks
1.	06/03	Introduction to maintenance	Notes provided	AP
2.	11/03	Lathe machine maintenance	—	AP
3.	13/03	milling m/c maintenance	Check milling m/c in lab.	AP
4.	18/03	Do & Do Not List Checklist assessment	—	AP
5.	20/03	various tools of lathe machine	various diagrams provided.	AP
6.	27/03	Study of tools in milling	work assignment.	AP
7.	01/04	Turning & facing operation practices	—	AP
8.	03/04	Hands on practice	practice with workshop tools	AP
9.	08/04	Types of tools & it's maintenance	—	AP

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S.No	Date	Topic Discussed	Home Work - Assignment / Tutorial Allotted	Remarks
10.	15/04	Leak & causes of Leak with sol ⁿ	Notes provided videos shared.	AP
11.	22/04	chemical thread sealants.	—	AP
12.	27/04	Product selection - right product selection.	—	AP
13.	29/04	substrates and their affects.	Practice in workshop.	AP
14.	01/05	Retaining fits meaning.	—	AP
15.	06/05	Types, classes & uses of retaining.	Notes given -	AP
16.	08/05	cylindrical fittings	Fitting in Lab	AP
17.	13/05	Potential fit problems, + solutions	—	AP
18.	15/05	Compounds & their working conditions.	—	AP
19.	20/05	Substrates after performances.	Assignment on returner compounds	AP
20.	22/05	S-S technique.	—	AP
21.	28/05	Time management	Notes on mgmt. of work & p time.	AP

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AP

S.No	Date	Topic Discussed	Home Work - Assignment / Tutorial Allotted	Remarks
22.	03/06	Material & cost effectiveness.	—	AP
23.	05/06	Resource utilization	—	AP
24.	10/06	organization policies.	—	AP
25.	12/06	procedures for working with colleagues	utilization of work space in workshop (PME)	AP
26.	17/06	balance judgments to different situations	—	AP
27.	19/06	Hands on practice	Practice in ME Lab.	AP
28.	24/06	Hands on practice	workshop practice lab.	AP
29.	24/06	Hands on practice	workshop of practice lab.	AP
30.	26/06	Revision of problem solving.	—	AP
31.				
32.				
33.				

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Subject Name: Maintenance of Mechanical Workshop

Value Added Course Code: (VACET022)

Time: 1 Hours

Max. Marks: 25

Note: All Questions compulsory

1. What is a crucial step in lathe machine maintenance to ensure its longevity?
 - A) Regular cleaning and lubrication
 - B) Using it continuously without breaks
 - C) Ignoring small issues
 - D) Overloading the machine

2. What should you avoid doing to maintain a milling machine properly?
 - A) Conducting regular inspections
 - B) Using recommended lubricants
 - C) Exceeding its operational capacity
 - D) Keeping the workspace clean

3. Which maintenance task is essential for shaper machines?
 - A) Ignoring unusual noises
 - B) Ensuring proper alignment of the ram
 - C) Using worn-out tools
 - D) Avoiding lubrication

4. Which of the following is a "Do not" in machine shop maintenance?
 - A) Regularly inspect machines
 - B) Overload the machine
 - C) Follow the manufacturer's guidelines
 - D) Keep records of maintenance

5. What is a common item on a maintenance checklist for machine shops?
 - A) Ignoring minor repairs

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- B) Regular lubrication of moving parts
 - C) Disposing of machines quickly
 - D) Using incorrect tools
6. Why is it important to keep a checklist for machine maintenance?
- A) To increase machine downtime
 - B) To ensure consistent and thorough maintenance
 - C) To reduce operational costs by skipping maintenance
 - D) To delay necessary repairs
7. What should be regularly checked in lathe machine maintenance?
- A) Tool sharpness only
 - B) Oil levels and electrical connections
 - C) Aesthetics of the machine
 - D) Operator's manual
8. In milling machine maintenance, which of the following should be avoided?
- A) Regular checks of spindle alignment
 - B) Keeping the machine clean
 - C) Using the machine's emergency stop frequently as a routine stop
 - D) Following the maintenance schedule
9. What is an important consideration in the maintenance of a shaper machine?
- A) Frequent replacement of the machine
 - B) Proper adjustment of cutting speed and feed
 - C) Skipping routine checks
 - D) Using it beyond its designed capacity
10. What is a benefit of following a maintenance checklist?
- A) Increased machine failure
 - B) Longer machine lifespan and reduced downtime
 - C) Higher maintenance costs

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D) Unnecessary repairs

11. Which tool maintenance is crucial in a foundry shop?

- A) Ignoring rust on tools
- B) Regular cleaning and proper storage
- C) Overusing tools without breaks
- D) Using incorrect tools for specific tasks

12. What can cause leaks in foundry tools and equipment?

- A) Proper usage
- B) Worn-out seals or gaskets
- C) Using correct tools
- D) Regular maintenance

13. How do chemical thread sealants work?

- A) By evaporating quickly
- B) By hardening to create a seal
- C) By ignoring surface conditions
- D) By causing corrosion

14. What should you consider when selecting a chemical thread sealant?

- A) Cost only
- B) Compatibility with materials and operating conditions
- C) Ignoring the manufacturer's recommendations
- D) Using any available product

15. What is a key factor in choosing the right retaining compound?

- A) Price
- B) Performance requirements and material compatibility
- C) Availability
- D) Random selection

16. Which type of fit problem might require a retaining compound?

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- A) Perfectly aligned fits
- B) Loose or worn-out cylindrical fittings
- C) Brand new fittings
- D) Non-cylindrical fittings

17. What is a typical use of retaining compounds?

- A) Temporary fixes
- B) Permanently bonding cylindrical fittings
- C) Ignoring fit problems
- D) Reversible applications

18. How can substrates affect the performance of retaining compounds?

- A) They have no effect
- B) Different materials can affect curing time and bond strength
- C) Only affect the appearance
- D) Negligible impact

19. What is a common cause of leaks in threaded connections?

- A) Proper installation
- B) Using the right sealant
- C) Damaged threads or improper sealing
- D) Regular maintenance

20. How do you select the right product for sealing leaks?

- A) Based on the color of the sealant
- B) Considering the application; material compatibility, and operating conditions
- C) Random selection
- D) Choosing the cheapest option

21. What is the first principle of the 5-S methodology?

- A) Sort
- B) Shine

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C) Standardize

D) Sustain

22. Why is managing time effectively important in a workplace?

A) It leads to inefficiency

B) It reduces productivity

C) It helps in meeting deadlines and improving productivity

D) It increases costs

23. What is the purpose of using resources responsibly?

A) To deplete resources quickly

B) To ensure sustainability and cost-effectiveness

C) To increase waste

D) To reduce efficiency

24. How should you follow organizational policies when working with colleagues?

A) By ignoring them

B) By adhering to them strictly

C) By doing the opposite

D) By being inconsistent

25. What does "Set in order" mean in the 5-S methodology?

A) Disorganize items

B) Arrange items in a systematic way for efficiency

C) Leave items as they are

D) Store items randomly

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Jagannath University
VAC : Maintenance of Mechanical Workshop (Marks List)
B. Tech. Section (E & F)

Sr. No.	Course	Branch	Enrollment No.	Name	Score
1	B.Tech.	CSE	0998789697	Abhishek Kumar	7 / 25
2	B.Tech.	CSE	201230347	Rahul	10 / 25
3	B.Tech.	CSE	201230344	Aditya raj	24 / 25
4	B.Tech.	Mechanical	0207230017	Rajeev ranjan	11 / 25
5	B.Tech.	CSE	0201230216	Nitish Kumar Yadav	25 / 25
6	B.Tech.	CSE	201230203	Sivam	14 / 25
7	B.Tech.	CSE	0201230266	Rupesh kumar	24 / 25
8	B.Tech.	CSE	0201230227	Prashant kumar	25 / 25
9	B.Tech.	CSE	201230254	Ranvir kumar	25 / 25
10	B.Tech.	CSE	0201230214	Nitish Kumar	25 / 25
11	B.Tech.	CSE	201230255	Raunak kumar	25 / 25
12	B.Tech.	CSE	0201230230	Prince Kumar	24 / 25
13	B.Tech.	Civil	0209230018	Vivek kumar	25 / 25
14	B.Tech.	CSE	0201230221	Pappu Kumar	25 / 25
15	B.Tech.	CSE	201230309	Sunil Kumar Sahni	25 / 25
16	B.Tech.	Civil	209230019	Vivek Kumar Paswan	25 / 25
17	B.Tech.	CSE	201230265	Rupan kumar yadav	25 / 25
18	B.Tech.	CSE	201230217	Nitish kumar yadav	25 / 25
19	B.Tech.	CSE	0201230215	Nitish Kumar yadav	25 / 25
20	B.Tech.	Electrical	0211230027	Ravishankar kumar	25 / 25
21	B.Tech.	CSE	0201230306	Sujeet Kumar Singh	25 / 25
22	B.Tech.	CSE	201230264	Roshan Kumar	25 / 25
23	B.Tech.	Electrical	0211230032	Sanjeev Kumar	24 / 25
24	B.Tech.	Electrical	211230060	Raushan Kumar	20 / 25
25	B.Tech.	Electrical	211230039	Vicky Kumar	25 / 25
26	B.Tech.	CSE	0201230307	Sujit kumar	25 / 25
27	B.Tech.	Electrical	0211230031	Sanjay Kumar	25 / 25
28	B.Tech.	CSE	0201230289	SHIVAM KUMAR	25 / 25
29	B.Tech.	CSE	0201230229	PREM RANJAN	25 / 25
30	B.Tech.	Electrical	0211230034	Shyam Sundar Yadav	24 / 25
31	B.Tech.	Mechanical	207230019	Santu kumar	24 / 25
32	B.Tech.	Civil	0209230017	SAIF Ali	25 / 25
33	B.Tech.	CSE	0201230236	Punit Kumar	25 / 25
34	B.Tech.	CSE	201230250	rajnish kumar	24 / 25
35	B.Tech.	CSE	0201230297	Shubham raj	25 / 25
36	B.Tech.	Civil	0209230011	Nitish Kumar	24 / 25
37	B.Tech.	CSE	0201230295	Shubham Kumar	24 / 25
38	B.Tech.	CSE	0201230239	Rahul kumar	24 / 25
39	B.Tech.	CSE	0201230310	Sunny kumar	25 / 25
40	B.Tech.	CSE	201230318	UDIT RANJAN	24 / 25
41	B.Tech.	CSE	0201230329	Vivek Kumar	25 / 25
42	B.Tech.	CSE	0201230236	Vishal kumar	11 / 25
43	B.Tech.	CSE	201230304	Sudhanshu kumar	25 / 25
44	B.Tech.	CSE	201230280	Saurav Kumar	25 / 25
45	B.Tech.	CSE	201230259	Ritesh Kumar	25 / 25

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46	B.Tech.	CSE	0201230244	Rahul Raj	24 / 25
47	B.Tech.	CSE	20123031	yuvraj kumar singh	24 / 25
48	B.Tech.	CSE	0201230314	Surya Prakash Sah	25 / 25
49	B.Tech.	CSE	0201230277	Satyam Kumar singh	24 / 25
50	B.Tech.	Electrical	211230040	Vishal Kumar	25 / 25
51	B.Tech.	CSE	0201230249	Rajat Kumar Shrivastava	24 / 25
52	B.Tech.	Mechanical	207230018	Ranjan kumar	24 / 25
53	B.Tech.	CSE	201230333	Yuvraj Singh	25 / 25
54	B.Tech.	CSE	0201230345	Rishabh kumar	20 / 25
55	B.Tech.	Electrical	0211230025	Rahul kumar	25 / 25
56	B.Tech.	CSE	0201230233	Priyanshu	25 / 25
57	B.Tech.	CSE	0201230286	Shashikant Raj	25 / 25
58	B.Tech.	CSE	0201230258	Ravishankar kumar	25 / 25
59	B.Tech.	CSE	201230220	Pankaj Kumar prasad	24 / 25
60	B.Tech.	CSE	0201230294	Shubham Kumar	25 / 25
61	B.Tech.	CSE	201230287	Shashikant Singh	25 / 25
62	B.Tech.	Electrical	211230030	Rishi	25 / 25
63	B.Tech.	CSE	0201230275	Sanjeev Kumar	25 / 25
64	B.Tech.	CSE	0201230311	Suraj Bhan Pratap Singh	25 / 25
65	B.Tech.	CSE	0201230284	Shantanu kumar	25 / 25
66	B.Tech.	CSE	0201230312	Suraj Kumar	25 / 25
67	B.Tech.	CSE	0201230325	Viaksh patel	24 / 25
68	B.Tech.	CSE	0201230335	Raushan Kumar	25 / 25
69	B.Tech.	CSE	201230313	Surajkumar	25 / 25
70	B.Tech.	CSE	201230308	Sumit Kumar	25 / 25
71	B.Tech.	CSE	0201230281	Shahid Ansari	24 / 25
72	B.Tech.	CSE	201230328	Vivek Kumar	25 / 25
73	B.Tech.	CSE	0201230321	Vidya Shankar Kumar	25 / 25
74	B.Tech.	Mechanical	207230021	Tabrez Ansari	25 / 25
75	B.Tech.	Civil	0209230015	Rohit Kumar	25 / 25
76	B.Tech.	CSE	201230285	Sharif Alam	25 / 25
77	B.Tech.	Mechanical	207230016	Prince kumar	24 / 25
78	B.Tech.	CSE	0201230334	MD MOBASSIRUL ISLAM	24 / 25
79	B.Tech.	Electrical	211230026	Raushan Kumar	22 / 25
80	B.Tech.	CSE	0201230213	Nitish Kumar	25 / 25
81	B.Tech.	CSE	0201230327	VISHAL KUMAR	25 / 25
82	B.Tech.	CSE	0201230222	Pawan Kumar	24 / 25
83	B.Tech.	CSE	201230308	SUMIT KUMAR	25 / 25
84	B.Tech.	CSE	0201230320	Uttam Kaushik	25 / 25
85	B.Tech.	CSE	201230256	Raushan Kumar	25 / 25
86	B.Tech.	CSE	0201230236	Punit kumar	25 / 25
87	B.Tech.	Electrical	0211230036	Sumit Kumar Sharma	24 / 25
88	B.Tech.	CSE	201230228	Prashant Kumar Singh	25 / 25
89	B.Tech.	CSE	201230246	Raja Babu	25 / 25
90	B.Tech.	Electrical	211230038	Suraj yadav	25 / 25
91	B.Tech.	CSE	0201230248	Rajan Kumar	25 / 25
92	B.Tech.	CSE	0201230322	Vikash kumar	25 / 25
93	B.Tech.	Mechanical	0207230015	NITISH KUMAR YADAV	25 / 25
94	B.Tech.	CSE	0201230301	Sonu kumar	25 / 25
95	B.Tech.	CSE	201230257	Ravi kumar	25 / 25
96	B.Tech.	Mechanical	0207230017	Rajeev ranjan	20 / 25

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97	B.Tech.	CSE	0201230270	Nitish Kumar	25 / 25
98	B.Tech.	CSE	201230211	Nitish Kumar	25 / 25
99	B.Tech.	CSE	201230300	sonu kumar	25 / 25
100	B.Tech.	CSE	201230262	Rohit Kumar	24 / 25
101	B.Tech.	CSE	201230234	Priyranjan Raj	25 / 25
102	B.Tech.	Civil	209230009	Nishant Kumar	25 / 25
103	B.Tech.	Civil	0209230012	Pushpendra Kumar paswan	25 / 25
104	B.Tech.	CSE	201230274	Sanjeev Kumar	25 / 25
105	B.Tech.	CSE	0201230337	Vikesh kumar	25 / 25
106	B.Tech.	CSE	0201230330	Yash Raj	25 / 25
107	B.Tech.	Electrical	0211230035	Singh Animesh Shaileshsingh	25 / 25
108	B.Tech.	CSE	201230302	Sonu Kumar	25 / 25
109	B.Tech.	CSE	201230332	Yuvraj Singh	25 / 25
110	B.Tech.	Electrical	0211230029	Sachin kumar	25 / 25
111	B.Tech.	Mechanical	0207230022	Jaydeep kumar	25 / 25
112	B.Tech.	CSE	0201230316	Tilak Raj Singh	25 / 25
113	B.Tech.	Mechanical	0207230020	Sonu Kumar	25 / 25
114	B.Tech.	CSE	0201230305	Sudhanshu Kumar Singh	25 / 25
115	B.Tech.	CSE	201230276	Sarvottamvatls	24 / 25
116	B.Tech.	Mechanical	207230021	Tabrez Ansari	25 / 25
117	B.Tech.	Electrical	0211230042	Aman kumar	25 / 25
118	B.Tech.	CSE	201230323	vikash kumar	25 / 25
119	B.Tech.	CSE	0201230270	Nitish Kumar	0 / 25
120	B.Tech.	CSE	0201230267	Sahbaj Alam	24 / 25
121	B.Tech.	CSE	201230250	Rajnish kumar	25 / 25
122	B.Tech.	CSE	0201230225	Pranab Kumar saha	25 / 25
123	B.Tech.	CSE	201230224	Prahlad kumar	25 / 25
124	B.Tech.	Electrical	0211230041	Vishal kumar Yadav	25 / 25
125	B.Tech.	CSE	0201230283	Shailendra Kumar	25 / 25
126	B.Tech.	CSE	0201230222	Pawan Kumar	25 / 25
127	B.Tech.	CSE	201230253	Rampravesh kummar	25 / 25
128	B.Tech.	CSE	201230242	Rahul Kumar	25 / 25
129	B.Tech.	CSE	0201230247	RAJAN KUMAR	25 / 25
130	B.Tech.	CSE	0201230240	Rahul Kumar ko	25 / 25
131	B.Tech.	Civil	0209230016	Rohit Kumar pandit	25 / 25
132	B.Tech.	CSE	0201230273	Aditya Kumar Mishra	25 / 25
133	B.Tech.	CSE	0201230303	Subodh Kumar yadav	25 / 25
134	B.Tech.	CSE	0201230324	Vikash Kumar Tiwari	25 / 25
135	B.Tech.	CSE	0201230293	Shruti rupa	25 / 25
136	B.Tech.	CSE	0201230252	Ram Kumar pandit	25 / 25
137	B.Tech.	CSE	8274513136	Puja kumari	11 / 25
138	B.Tech.	CSE	0201230282	Shail putri	25 / 25
139	B.Tech.	CSE	0201230279	Saurabh Kumar	23 / 25
140	B.Tech.	Electrical	0211230033	Shivbrat kumar	24 / 25
141	B.Tech.	Civil	0209230010	Nitish kumar	25 / 25
142	B.Tech.	CSE	0201230278	Satyam pandey	25 / 25
143	B.Tech.	CSE	0201230288	Shilpi Kumari	25 / 25
144	B.Tech.	CSE	0201230317	Tripti Singh	25 / 25
145	B.Tech.	CSE	0201230238	Quamrul Hoda	25 / 25
146	B.Tech.	CSE	0201230218	Osi Ali	25 / 25
147	B.Tech.	CSE	0201230291	Shreyashi garg	25 / 25

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148	B.Tech.	CSE	0201230336	Maitreye kumari	25 / 25
149	B.Tech.	CSE	0201230315	Tannu nirupam	25 / 25
150	B.Tech.	CSE	0201230290	Shreya kumari	25 / 25
151	B.Tech.	CSE	0201230345	Rishabh kumar	25 / 25
152	B.Tech.	Civil	0209230010	Nitish kumar	25 / 25
153	B.Tech.	CSE	201230257	Ravi kumar	25 / 25

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**DEPARTMENT OF ENGINEERING & TECHNOLOGY
(MECHANICAL ENGINEERING)
Report on Value Added Course
Session: 2023-24**

Programme: B. Tech

Programme Code: VACET022

Value added courses on Maintenance of Mechanical Workshop (VACET022) were conducted for all Semester on academic session 2023-24 at the university. 153 students registered and 150 successfully completed the course. The course brochure and syllabus and study material was given to all the students. VAC course on Maintenance of Mechanical Workshop led to several beneficial outcomes for participants, including:

Enhanced Technical Skills: Trainees acquired hands-on skills in maintaining and troubleshooting mechanical workshop equipment, including lathes, drills, milling machines, hydraulic presses, and welding machines. This also included knowledge of preventive maintenance procedures.

Safety Proficiency: The course covered critical aspects of workshop safety, teaching safe handling and operation practices for heavy machinery, tools, and materials. Graduates left with an understanding of workplace health and safety standards, including hazard identification and emergency procedures.

Improved Diagnostic Abilities: Participants gained expertise in identifying issues and conducting root-cause analysis on mechanical systems. This included learning to use diagnostic tools and techniques effectively to predict and prevent equipment failures.


Efficiency and Cost Reduction: Through training on preventive maintenance and best practices, graduates contributed to reducing downtime and repair costs in a workshop setting. They learned how to plan and execute maintenance schedules that optimized machinery lifespan and performance.

Job Readiness and Employability: The course boosted employability by preparing participants for roles as maintenance technicians, workshop supervisors, or mechanics in various industries, including manufacturing, automotive, and construction.

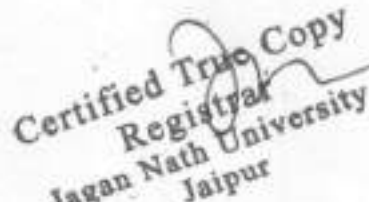
Foundation for Advanced Learning: For those interested in furthering their careers, a VAC course provided foundational knowledge that could be built upon with more advanced certifications or training in fields like industrial maintenance, mechanical engineering, or equipment technology.

These outcomes collectively made participants valuable assets in mechanical workshop settings, ready to ensure operational efficiency and safety.

Date: 26/06/2024


Mr. Avinash Nath Tiwari
Teacher Incharge
Department of Mechanical Engineering

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Ref: FET/VAC/2023-24/ CSE306

Certificate of Appreciation

This is to certify that Mr./Ms Sujeet Kumar Singh

of Program B. Tech Year I Semester II Section F has

successfully completed the Value Added Course on Maintenance of Mechanical W

Session 2023-24

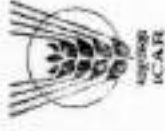
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Faculty of Engineering
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Faculty of Engineering
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Faculty of Engineering and Technology

Ref: FET/AC/2023-24/ME 016

Certificate of Appreciation

This is to certify that Mr./Ms Praveen Kumar

of Program B.Tech Year I Semester II section F HNS

successfully completed the Value Added Course on Maintenance of Mechanical W

Session 2023-24

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Dean/HOD
Faculty of Engineering
and Technology



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Faculty of Engineering and Technology

Ref: FET/VAC/2023-24/EE038

Certificate of Appreciation

This is to certify that Mr./Ms Swraj Yadav

of Program B. Tech Year I Semester II Section F has

successfully completed the Value Added Course on Maintenance of Mechanical Work

Session 2023-24

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Faculty of Engineering and Technology

REF: FET/VAC/2023-24/ME.021

Certificate of Appreciation

This is to certify that Mr./Ms Tabrez Ansari

of Program B. Tech Year I Semester II Section F has

successfully completed the Value Added Course on Maintenance of Mechanical

Session 2023-24

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Faculty of Engineering and Technology

Ref: FET/VAC/2023-24/EE/041

Certificate of Appreciation

This is to certify that Mr./Ms Vishal Kumar Yadav

of Program B. Tech Year I Semester II section F has

successfully completed the Value Added Course on Maintenance of Mechanical Workshop

Session 2023-24

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FACULTY OF ENGINEERING & TECHNOLOGY


Session: 2023-24

Office Circular

All the student hear by informed that Value Added Course will be offered in this semester. The list of Value Added Course is given in the following table:

CourseCode	Name of Course	Duration(Hrs.)
VACET009	Hardware and Networking Essentials	30

The classes will be started from 06/03/2024. The student can contact to the head of department for further queries.


Dr. Om Prakash Sharma
Head of Department
Department of Engg. & Tech.,
JAGANNATH UNIVERSITY, JAIPUR

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1. PS to President
2. PS to Registrar
3. Dean, Faculty of Science
4. Dean Academics
5. Controller of Examinations
6. Coordinator- B. Sc. (PCM)
7. Concerned Faculty Members
8. Notice Board


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FACULTY OF ENGINEERING & TECHNOLOGY

The following students are Enrolled under for Value Added Course for the
session 2023-2024.

Course Name: Hardware and Networking Essentials

Course Code : VACET009

S.No.	Enrollment No.	Name of the Student	Year	Semester	Program Name
1	217230004	Vikash kumar	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
2	2302042	Manisha kuntal	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
3	2302080	Vikash	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
4	20123009	Ankit singh	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
5	201220002	Abhijeet Kumar	II Year	Semester IV	B. Tech. -Bachelor of Technology in Computer Science & Engineering
6	201220010	Ananya Pandey	II Year	Semester IV	B. Tech. -Bachelor of Technology in Computer Science & Engineering
7	201220019	Ashish Saini	II Year	Semester IV	B. Tech. -Bachelor of Technology in Computer Science & Engineering
8	201220044	Jatin sharma	II Year	Semester IV	B. Tech. -Bachelor of Technology in Computer Science & Engineering
9	201220074	Priyanshu Kumar	II Year	Semester IV	B. Tech. -Bachelor of Technology in Computer Science & Engineering
10	201220125	Ashish Yadav	II Year	Semester IV	B. Tech. -Bachelor of Technology in Computer Science & Engineering

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11	201220149	Chaudhary yadupal chaudhary	II Year	Semester IV	B. Tech. -Bachelor of Technology in Computer Science & Engineering
12	201230004	Ajeet yogi	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
13	201230008	Ankit Kumawat	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
14	201230011	Ansh	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
15	201230013	Anshul gour	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
16	201230014	Anurag Bhati	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
17	201230016	Aryan Sharma	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
18	201230024	Chetan Prajapati	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
19	201230027	Deepanshu Sharma	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
20	201230029	Devansh chahar	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
21	201230030	Kshitiz	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
22	201230032	Dinesh Kumawat	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
23	201230034	GARV KUMAR	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
24	201230047	Mohit Pareek	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
25	201230048	Mohit Soni	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
26	201230051	Neha Sharma	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering


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27	201230052	Nistha Jain	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
28	201230062	Rehan kumar singh	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
29	201230070	Satyam jha	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
30	201230072	Shikha kumari	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
31	201230075	Taniya Mehta	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
32	201230079	Vikas Prajapat	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
33	201230086	Yogesh khandelwal	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
34	201230087	Yug	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
35	201230089	Apeksha Munshi	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
36	201230804	Yash Kumar	II Year	Semester IV	B. Tech. -Bachelor of Technology in Computer Science & Engineering
37	224230063	SANJNA RAJ	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
38	226230028	Raushan kumar	I Year	Semester II	B. Tech. -Bachelor of Technology in Computer Science & Engineering
39	211230007	Anand kumar	I Year	Semester II	B. Tech. -Bachelor of Technology in Electrical Engineering
40	223223035	Subash kumar	III Year	Semester II	B. Tech. -Bachelor of Technology in Electrical Engineering
41	501210012	Tinku singh	III Year	Semester VI	B.A.L.L.B. / B.B.A.L.L.B.
42	601230008	Jiya Sharma	I Year	Semester II	B.C.A.- Bachelor of Computer Application



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FACULTY OF ENGINEERING & TECHNOLOGY
Time Table for Value Added Course
Session: 2023-24

Name of Faculty: Tulsiram Sharma

Day	Time	Course Name	Course Code
Monday	03:40 PM – 04:30 PM	Hardware and Networking Essentials	VACET009
Wednesday	03:40 PM – 04:30 PM	Hardware and Networking Essentials	VACET009


Dr. Om Prakash Sharma
Head of Department
Department of Engg. & Tech.
FACULTY OF ENGINEERING & TECHNOLOGY
JAGANNATH UNIVERSITY, JAIPUR

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2. PS to Registrar
3. Dean, Faculty of Engg. & Tech.
4. Dean Academics
5. Controller of Examinations
6. Concerned Faculty Members
7. Notice Board


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JAGANNATH UNIVERSITY, JAIPUR

Sitapura Campus

TIME TABLE

Program Name: BCA


Semester: II SEM

Batch: 2023-2027

Day/Time	I- 9:00-10:00	II- 10:00-11:00	III- 11:00-12:00	IV- 12:00-1:00	IV - 1:00-2:00 Launch / Class	V - 2:00-2:50	VI - 2:50-3:40	VII- 3:40-4:30
Monday	CV (MS)	CAO(RB)	MIS (MG)	LUNCH	BHPM(TS)	OS (SV)	CV (MS)	VAC
Tuesday	MIS (MG)	C++ (TS)	OS (SV)		C++ LAB (TS)	CAO(RB)	PCM LAB (TS)	VAC
Wednesday	C++ (TS)	MIS (MG)	OS (SV)		PD LAB (JS)	CAO(RB)	BHPM(TS)	MOOC
Thursday	OS (SV)	C++ (TS)	Library		CAO(RB)	MIS (MG)	BHPM(TS)	
Friday	C++ (TS)	CAO(RB)	BHPM(TS)		Skill Enhancement Course			
2nd Saturday	Life Skill	Competitive Exam Preparation		Library	Skill Enhancement Course		Sports	
4th Saturday	Life Skill	Competitive Exam Preparation Class		Library	Skill Enhancement Course		Sports	

Important Notes

- * SE - Skill Enhancement (Soft Skills / Comm. Skills / Language Lab/ Tech. trends etc.
- * Life Skill (Yoga / Meditation/ Health/ Hygiene etc.) and SE Compulsory for all students
- * Tutorial - Subject Specific Problem Solving/ Slow Learner Subject Class
- * Activities - Student Activities (Department Specific/University Level)


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Value Added Course:

Hardware and Networking Essentials

Course Code:-VACET009

Syllabus

Total Duration 30 hours

Unit 1

Input & Output Devices, Their types and specification, CPU, Memory devices type primary and secondary. Study of Motherboard RAM, ROM, CMOS, POST, BUS, (Address, Data, SYSTEM) Connections of various devices such as Display Adapter, Ports (Serial, Parallel, USB) & Modem on the Motherboard. Importance of CPU cooling, Motherboard troubleshooting.

Unit 2

Key Board: Switches, Keyboard, organization, Key board type, Wireless Keyboard, Trouble shooting. **Mouse:** Mouse type Scroll & Optical Mouse, Function Connecting Mouse, Troubleshooting Mouse.

Unit 3

Ports Modems Printers: Working of LED, DMP, Ink Jet, Laser Printer, line Printer, MFP (Multi-Functional Printer and its Trouble shooting. Scanners Working method and its trouble shooting, Plotters System Software, Application Software, Application Software driver Software Installation, Windows Installation, Windows and other S/w & Anti-Virus, BOOT PROCESS : Setting of CMOS, Setup, PC TOOLS.

Unit 4

Fundamentals of Computer Networking in Windows System, OSI Model, Network hardware, Interconnecting of network hardware, Workgroup and Domain Networks, Preparing Network cables, Dynamic and Static IP addressing, Client – Server Network, Basic Administration, Installing Client and Server OS, Implementing Domain Network using Active Directory,

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Installation of server roles: file server application server, DHCP server and DNS server, Remote Management.

Unit 5

Configuring Basic Linux Networking, Managing Linus Server, Remote management using telnet, ssh, DHCP server, Apache web server, Bind DNS server, Troubleshooting Linus Network, The Network file System (NFS), Samba Server, Configuring Internet in Linus Systems.

References:

1. IT Essentials I: PC Hardware and Software companion (Cisco Networking Academy Program) (2nd Edition) 2nd Edition, Cisco Networking Academy (Author).
2. Computer Networking Essentials By Debra Little John Shinder

Course Outcomes:

At the end of the course, the student will be able to:

CO1:	Understand and describe the architecture and functionality of computer hardware components including CPUs, memory devices, and motherboards.
CO2:	Troubleshoot and maintain input/output devices such as keyboards, mice, printers, scanners, and plotters.
CO3:	Demonstrate proficiency in installing, configuring, and troubleshooting software including operating systems, drivers, and antivirus programs.
CO4:	Gain foundational knowledge of networking concepts, including OSI models, IP addressing, and the setup of client-server and domain networks.
CO5:	Configure and manage Linux servers, implement network services such as DHCP and DNS, and perform troubleshooting of Linux-based systems

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Lecture Plan
Subject:- Hardware and Networking Essentials
Course Code: VACET009

LECTURE	TOPIC
Lecture 01	Input & Output Devices, , Their types and specification
Lecture 02	CPU, Memory devices type primary and secondary
Lecture 03	Study of Motherboard RAM, ROM
Lecture 04	CMOS, POST, BUS, (Address, Data, SYSTEM)
Lecture 05	Connections of various devices such as Display Adapter
Lecture 06	Ports (Serial, Parallel, USB) & Modem on the Motherboard
Lecture 07	Importance of CPU cooling, Motherboard troubleshooting
Lecture 08	Switches, Keyboard, organization, Key board type
Lecture 09	Wireless Keyboard, Trouble shooting.
Lecture 10	Mouse: Mouse type Scroll & Optical Mouse
Lecture 11	Function Connecting Mouse, Troubleshooting Mouse.
Lecture 12	Ports Modems Printers: Working of LED, DMP
Lecture 13	, Ink Jet, Laser Printer, line Printer, MFP (Multi-Functional Printer) and its Trouble shooting

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Lecture 14	Scanners Working method and its trouble shooting,
Lecture 15	Plotters System Software, Application Software
Lecture 16	Application Software driver Software Installation
Lecture 17	Windows Installation, Windows and other S/w & Anti-Virus
Lecture 18	BOOT PROCESS : Setting of CMOS, Setup, PC TOOLS.
Lecture 19	Fundamentals of Computer Networking in Windows System, OSI Model
Lecture 20	Network hardware, Interconnecting of network hardware
Lecture 21	Workgroup and Domain Networks, Preparing Network cables, Dynamic and Static IP addressing
Lecture 22	Client – Server Network, Basic Administration, Installing Client and Server OS
Lecture 23	Implementing Domain Network using Active Directory
Lecture 24	Installation of server roles: file server application server
Lecture 25	DHCP server and DNS server, Remote Management.
Lecture 26	Configuring Basic Linux Networking, Managing Linus Server
Lecture 27	Remote management using telnet, ssh, DHCP server
Lecture 28	Apache web server, Bind DNS server
Lecture 29	Troubleshooting Linus Network, The Network file System (NFS)
Lecture 30	Samba Server, Configuring Internet in Linus Systems.

Submitted by- 


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Teaching Assignment Form

 Name of the Teacher: Tulsi Ram Sharma

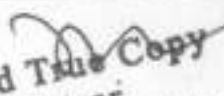
 Programme: BCA, B.Tech Semester II Sec Academic Year: 2023-24

 Subject: Hardware and Networking Essential

S.No	Date	Topic Discussed	Home Work - Assignment Practical/ Tutorial Allotted	Remarks
1.	11/03/2024	Syllabus, All Input Devices	lecture take	Tulsi K
2.	11/03/2024	Output Devices and Their types	lecture take	Tulsi K
3.	13/03/2024	C.P.U., memory device Types of Primary and Secondary memory	lecture take	Tulsi K
4.	13/03/2024	Study of motherboard RAM, ROM	lecture take	Tulsi K
5.	18/03/2024	CMOS, POST, Bus (Address, Data, System)	lecture take	Tulsi K
6.	18/03/2024	Connection of various device such as Display Adapter	lecture take	Tulsi K
7.	20/03/2024	port (serial, parallel usb) & modems.	lecture take	class test
8.	27/03/2024	Importance of CPU Cooling, motherboard Troubleshooting	lecture take	Tulsi K
9.	27/03/2024	Switches, keyboard, Keypoint.	lecture take	Tulsi K

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No	Date	Topic Discussed	Home Work - Assignment / Tutorial Allotted	Remarks
10.	03/04/2024	wireless keyboard Trouble shooting	Lecture take	fulfill
11.	03/04/2024	mouse type . scroll & optical mouse	Lecture take	fulfill
12.	10/04/2024	function connection mouse . Trouble shooting	Lecture take	fulfill
13.	10/04/2024	parts modems printers working of L&S, DMP	Lecture take	fulfill
14.	15/04/2024	Inkjet, Laser printer line printer and trouble shooting.	Assignment take	fulfill
15.	22/04/2024	Scanners working method and its trouble shooting	Lecture take	fulfill
16.	22/04/2024	plotters system and Application software.	Lecture take	fulfill
17.	24/04/2024	Application software and software Installation	Lecture take	fulfill
18.	24/04/2024	window Installation window and other anti viruses.	Lecture take	fulfill
19.	29/04/2024	BOOT process ; Summary of CMOS, setup	Lecture take	fulfill
20.	29/04/2024	function of Computer networking in window.	Lecture take	fulfill
21.	01/05/2024	Net working Hardware Interconnecting of Internet	Lecture take	fulfill


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S.No	Date	Topic Discussed	Home Work - Assignment / Tutorial Allotted	Remarks
22.	04/05/2024	work group and domain networks. static Ip	Lecture take	fuls k
23.	06/05/2024	clint server network Installing clint and server	Assigned	fuls k
24.	08/05/2024	Implementing domain network using Active Directory	Lecture take	fuls k
25.	08/05/2024	DHCP server and DNS server Remote management.	Lecture take	fuls k
26.	13/05/2024	networking managing Linux server.	Lecture take	fuls k
27.	13/05/2024	Configuration Basic Linux networking.	Lecture take	fuls k
28.	15/05/2024	Remote management using telnet ssh, DHCP server	Lecture take	fuls k
29.	15/05/2024	Apache web server, Bind DNS server	Lecture take	fuls k
30.	20/05/2024	networking file system (NFS)	Lecture take	fuls k
31.	20/05/2024	Samba server Internet in Linux system.	Lecture take class test-	fuls k
32.				
33.				

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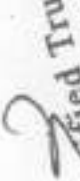
37	2212200631	SANJANA RAJ	I Year	Semester II	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	17
38	2202300208	Ranjan Kumar	I Year	Semester II	1	2	A	3	4	5	6	A	7	8	9	10	11	12	13	14	15	15
39	2111300477	Anand Kumar	I Year	Semester II	1	2	3	4	5	A	6	7	8	A	A	10	11	12	13	14	14	14
40	2212200335	Sudhanshu Kumar	III Year	Semester II	1	2	3	4	5	6	A	7	8	9	10	11	12	13	14	15	16	16
41	2012100112	Trishu Singh	III Year	Semester VI	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
42	6012300008	Jyoti Sharma	I Year	Semester II	1	2	3	A	A	4	5	6	A	7	8	9	10	A	11	12	13	13
43	6012300011	MHISH BHARWA	I Year	Semester II	1	A	2	3	4	5	6	7	8	9	10	11	A	12	13	14	15	16
44	6012300015	Piyush	I Year	Semester II	A	1	2	3	4	A	5	6	7	8	9	10	A	11	12	13	14	15

- Notes: 1. The attendance should be marked 1,2,3,..., not A, and P.
2. This attendance sheet should be submitted to Chief Course Coordinator on last working day of every month.


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Sl. No.	Roll No.	Name	Semester	Year	19	19	20	A	21	22	23	24	25	26	27	28	29	30	31	32			
38	211230024	Rajalakshmi	Semester II	I Year	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		
39	211230007	Anand Kumar	Semester II	I Year	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	
40	201230015	Subash Kumar	Semester II	III Year	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32			
41	501210012	Pratik Singh	Semester VI	III Year	19	20	21	22	23	24	25	26	27	28	29	30	31	32					
42	601230008	Sya Shanna	Semester II	I Year	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
43	601230011	MITHUN Barua	Semester II	I Year	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32			
44	601230013	Piyush	Semester II	I Year	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32		

- Note- 1. The attendance should be marked 1,2,3,... not A and P.
2. This attendance sheet should be submitted to Chief Course Coordinator on last working day of every month.


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FACULTY OF ENGINEERING & TECHNOLOGY

Session: 2023-24

Date Sheet for Value Added Course Examination

Date	Time	Name of Course	CourseCode
27/05/2024	10:00 AM - 12:00 PM	Hardware and Networking Essentials	VACET009

Date: 27/05/2024

Dr. Om Prakash Sharma
Dean / Head of Department
Department of Engineering & Tech.
FACULTY OF ENGINEERING & TECHNOLOGY
JAGANNATH UNIVERSITY, JAIPUR

Copy to:

1. PS to President
2. PS to Registrar
3. Dean, Faculty of Science
4. Dean Academics
5. Controller of Examinations
6. Coordinator- B. Sc. (PCM)
7. Concerned Faculty Member
8. Notice Board

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Roll No.

Value Added Course
End Term Examination, June, 2024
Hardware and Networking Essentials

Time: 2 Hours

Max. Marks: 50

Note: All questions carry equal marks. (25*2 = 50)

1. Which of the following is an output device?
 - A) Keyboard
 - B) Mouse
 - C) Monitor
 - D) Scanner

2. Which type of printer uses a matrix of pins to create images?
 - A) Laser Printer
 - B) Dot Matrix Printer
 - C) Inkjet Printer
 - D) Thermal Printer

3. What is the primary function of a scanner?
 - A) Print documents
 - B) Convert documents to digital format
 - C) Display graphics
 - D) Store data

4. What type of port is typically used to connect a mouse or keyboard to a computer?
 - A) Parallel port
 - B) Serial port
 - C) USB port
 - D) VGA port

5. Which of the following printers uses toner to print on paper?
 - A) Inkjet Printer
 - B) Dot Matrix Printer
 - C) LED Printer
 - D) Laser Printer

6. What does CPU stand for?
 - A) Central Peripheral Unit
 - B) Central Processing Unit
 - C) Central Performance Unit
 - D) Core Processing Unit

7. What type of memory is known for being nonvolatile and retains data even when the computer is off?
 - A) RAM
 - B) ROM
 - C) Cache
 - D) Register

8. Which of the following is primary memory?

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- A) SSD
- B) RAM
- C) Hard Disk
- D) Flash Drive

9. Which component temporarily holds data for quick access by the CPU?
- A) ROM
 - B) RAM
 - C) Hard Drive
 - D) USB Drive
10. What is the function of the ALU (Arithmetic Logic Unit) in the CPU?
- A) Controls peripherals
 - B) Performs calculations and logic operations
 - C) Manages memory
 - D) Handles graphics processing
11. What does CMOS stand for?
- A) Central Management Operating System
 - B) Complementary Metal Oxide Semiconductor
 - C) Computer Memory Operating System
 - D) Complex Memory Operating System
12. The purpose of the BIOS is to:
- A) Run applications
 - B) Initialize hardware at startup
 - C) Provide power to components
 - D) Serve as main storage
13. The bus that transfers data between the CPU and memory is called:
- A) Address Bus
 - B) Data Bus
 - C) System Bus
 - D) Control Bus
14. Which of these connectors is commonly used for display adapters?
- A) VGA
 - B) USB
 - C) Serial
 - D) Parallel
15. POST is an acronym for:
- A) Primary Output System Test
 - B) Power On Self Test
 - C) Peripheral Operating System Test
 - D) Processor Operational Security Test
16. How many layers are in the OSI model?
- A) 5
 - B) 6
 - C) 7
 - D) 8
17. Which device connects multiple networks and directs data to the correct network?

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- A) Hub
- B) Router
- C) Switch
- D) Modem

18. DHCP is used for:

- A) Assigning static IP addresses
- B) Resolving domain names
- C) Dynamically assigning IP addresses
- D) Encrypting data

19. In networking, DNS stands for:

- A) Dynamic Network System
- B) Data Network Service
- C) Domain Name System
- D) Digital Name System

20. Which command in Linux is used for remote access to another system?

- A) FTP
- B) SSH
- C) DNS
- D) DHCP

21. What is the main purpose of an operating system?

- A) To manage hardware and software resources
- B) To protect the computer from viruses
- C) To enable internet connectivity
- D) To perform calculations

22. Which of these is NOT an operating system?

- A) Windows
- B) Linux
- C) BIOS
- D) mac OS

23. Which of these software is primarily used for managing disk partitions?

- A) Disk Management
- B) Task Manager
- C) Device Manager
- D) Registry Editor

24. Apache is commonly used as a:

- A) DNS server
- B) DHCP server
- C) Web server
- D) Proxy server

25. Which command in Linux is used to restart a network interface?

- A) ifconfig reset
- B) ipconfig /renew
- C) service network restart
- D) networkctl reboot


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FACULTY OF ENGINEERING & TECHNOLOGY

Value Added Course Examination

Session 2023-2024.

Course Name: Hardware and Networking Essentials

S. No	Enrollment No.	Name of the Student	Year	Semester	Marks(50) (In figure)
1	217230004	Vikash kumar	I Year	Semester II	39
2	2302042	Manisha kuntal	I Year	Semester II	34
3	2302080	Vikash	I Year	Semester II	34
4	20123009	Ankit singh	I Year	Semester II	44
5	201220002	Abhijeet Kumar	II Year	Semester IV	44
6	201220010	Ananya Pandey	II Year	Semester IV	28
7	201220019	Ashish Saini	II Year	Semester IV	45
8	201220044	Jatin sharma	II Year	Semester IV	26
9	201220074	Priyanshu Kumar	II Year	Semester IV	32
10	201220125	Ashish Yadav	II Year	Semester IV	30
11	201220149	Chaudhary yadupal chaudhary	II Year	Semester IV	34
12	201230004	Ajeet yogi	I Year	Semester II	45
13	201230008	Ankit Kumawat	I Year	Semester II	33
14	201230011	Ansh	I Year	Semester II	45
15	201230013	Anshul gour	I Year	Semester II	27
16	201230014	Anurag Bhati	I Year	Semester II	46

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17	201230016	Aryan Sharma	I Year	Semester II	28
18	201230024	Chetan Prajapati	I Year	Semester II	40
19	201230027	Deepanshu Sharma	I Year	Semester II	44
20	201230029	Devansh chahar	I Year	Semester II	36
21	201230030	Kshitiz	I Year	Semester II	28
22	201230032	Dinesh Kumawat	I Year	Semester II	28
23	201230034	GARV KUMAR	I Year	Semester II	29
24	201230047	Mohit Pareek	I Year	Semester II	39
25	201230048	Mohit Soni	I Year	Semester II	40
26	201230051	Neha Sharma	I Year	Semester II	28
27	201230052	Nistha Jain	I Year	Semester II	47
28	201230062	Rehan kumar singh	I Year	Semester II	35
29	201230070	Satyam jha	I Year	Semester II	31
30	201230072	Shikha kumari	I Year	Semester II	37
31	201230075	Taniya Mehta	I Year	Semester II	39
32	201230079	Vikas Prajapat	I Year	Semester II	36
33	201230086	Yogesh khandelwal	I Year	Semester II	27
34	201230087	Yug	I Year	Semester II	48
35	201230089	Apeksha Munshi	I Year	Semester II	43
36	201230804	Yash Kumar	II Year	Semester IV	35
37	224230063	SANJNA RAJ	I Year	Semester II	28
38	226230028	Raushan kumar	I Year	Semester II	48
39	211230007	Anand kumar	I Year	Semester II	31
40	223223035	Subash kumar	III Year	Semester II	32


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41	501210012	Tinku singh	III Year	Semester VI	26
42	601230008	Jiya Sharma	I Year	Semester II	38
43	601230011	MIHIR Bairwa	I Year	Semester II	44
44	601230013	Piyush	I Year	Semester II	41

Date:

Tulsi Ran

Signature of Examiner

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Jagannath University, Jaipur
Value Added Course (2023-24)
Report on
Hardware and Networking Essentials

A Value Added Course (VAC) on "Hardware and Networking Essentials" was conducted during the II semester of the 2023-24 academic session at Jagannath University. The course was announced on February, 2024, and received strong interest from students. A total of **44 students** registered, and **44 students** continued through to the completion of the course. Classes began in the third week of February 2024, and each participant was provided with the course brochure and syllabus. The program spanned 30 credit hours, covering key topics in computer hardware and networking, with a blend of lectures and practical lab sessions to build essential skills in IT support and network management.

The course content was structured to deliver a comprehensive exploration of both computer hardware and networking fundamentals over a span of 30 credit hours, with sessions combining lectures, hands-on labs, and assessments to enhance learning outcomes. The course began with an in-depth look at computer hardware, covering the functions and configurations of essential components such as the CPU, RAM, motherboard, power supply, and various storage devices like hard drives and SSDs. Participants were introduced to the role of BIOS/UEFI and CMOS in system initialization, followed by practical sessions on connecting and configuring peripheral devices, including keyboards, mice, printers, and scanners, to reinforce their understanding of input and output devices.

As students moved into the networking essentials segment of the course, they learned about the types of network architectures, including Local Area Networks (LAN), Wide Area Networks (WAN), and Wireless Local Area Networks (WLAN), and examined the roles of critical network devices such as routers, switches, and hubs. The course also covered IP addressing and subnetting, providing insights into the basics of both IPv4 and IPv6 addressing schemes and the differences between DHCP and static IP addressing, enabling students to grasp how devices are identified and managed within a network. Additionally, participants were introduced to network protocols like TCP/IP, DNS, HTTP, and FTP, as well as the OSI model, which outlines the seven layers of data transmission processes in networks and is a foundational framework for understanding network communication.

Total no. of students	Successfully no. of student	Completion	Duration	Session
44	44		30 Hours	2023-2024

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[Signature]
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JAGANNATH UNIVERSITY, JAIPUR



Jagannath University
Jaipur, Rajasthan



Faculty of Engineering and Technology

Department of Computer Science

Certificate of Appreciation

This is to certify that Mr./Ms Neha Sharma

of Program B.Tech

Year I Semester II

has

successfully completed the course Hardware and Network Essentials

Session 2023 - 2024

Talsu B

Course Coordinator
Faculty of Engineering
and Technology

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Dr. N/HOB

Dean/HOB
Faculty of Engineering
and Technology

Faculty of Engineering and Technology
Jagannath University, Jaipur



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Jaipur | Rajasthan



Faculty of Engineering and Technology

Website: www.jaguniversity.edu

Certificate of Appreciation

This is to certify that Mr./Ms Anshul Gaur

of Program B.Tech

Year I Semester II

Section _____

has

successfully completed the Additional Course of Hardware and Networking Essentials

Session 2023-2024

Anshul R

Course Coordinator
Faculty of Engineering
and Technology

Debraj
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Dr. Anshu

Dean/HOD
Faculty of Engineering
and Technology



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Faculty of Engineering and Technology

Ref: FET/VAC/2023-24/.....

Certificate of Appreciation

This is to certify that Mr./Ms Ashish yadav
of Program B.tech year II Semester IV Section has
successfully completed the Value Added Course of: Hardware and Networky Lab
Session 2023-2024

Jadhav
Course Coordinator
Faculty of Engineering
and Technology

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and Technology
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Faculty of Engineering and Technology

Ref: FET/AC/2023-24/.....

Certificate of Appreciation

This is to certify that Mr/Ms Ankit Singh

of Program B.Tech

Year 1

Semester II

Section

IQS

Successfully completed the Value Added Course on Hardware and Networking Essentials

Session 2023 - 2024

Anshu R

Course Coordinator
Faculty of Engineering
and Technology

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Jaipur

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Dean/HOD
Faculty of Engineering & Technology
Jagannath University
Jaipur



FACULTY OF ENGINEERING & TECHNOLOGY

Session: 2023-24

Office Circular


All the student hear by informed that Value Added Course will be offered in this semester. The list of Value Added Course is given in the following table:

CourseCode	Name of Course	Duration(Hrs.)
VACET009	Hardware and Networking Essentials	30

VAC (B)

-Dr. AK

The classes will be started from ^{02/07/2024}.../.../.....). The student can contact to the head of department for further queries.


Dr. Om Prakash Sharma
Head of Department
Department of Engg. & Tech.
JAGANNATH UNIVERSITY, JAIPUR

Copy to:

1. PS to President
2. PS to Registrar
3. Dean, Faculty of Science
4. Dean Academics
5. Controller of Examinations
6. Coordinator- B. Sc. (PCM)
7. Concerned Faculty Members
8. Notice Board


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FACULTY OF ENGINEERING & TECHNOLOGY

The following students are enrolled under for Value Added Course for the
session 2023-2024.

Course Name: Hardware and Networking Essentials

Course Code : VACET009

S.No.	Enrollment No.	Name of the Student	Year	Semester	Program Name
1	2202016	ARYAN SHARMA	II Year	Semester III	B. Tech. -Bachelor of Technology in Computer Science & Engineering
2	2202017	ASHISH KUMAR PANDEY	II Year	Semester III	B. Tech. -Bachelor of Technology in Computer Science & Engineering
3	2202018	ASHISH PRAJAPAT	II Year	Semester III	B. Tech. -Bachelor of Technology in Computer Science & Engineering
4	2202019	ASHISH SAINI	II Year	Semester III	B. Tech. -Bachelor of Technology in Computer Science & Engineering
5	2202020	AZHAR ALAM	II Year	Semester III	B. Tech. -Bachelor of Technology in Computer Science & Engineering
6	2202021	BHUWAN JATAV	II Year	Semester III	B. Tech. -Bachelor of Technology in Computer Science & Engineering
7	2202022	BISHAL DAS TAUK DAS	II Year	Semester III	B. Tech. -Bachelor of Technology in Computer Science & Engineering
8	2202023	BISWAYAM DUTTA	II Year	Semester III	B. Tech. -Bachelor of Technology in Computer Science & Engineering

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S.No	Date	Topic Discussed	Home Work - Assignment / Tutorial Allotted	Remarks
10.	05/09/2024	Mouse type & Optical Mouse	Lecture take	(A)
11.	11/09/2024	Function Connecting Mouse	Lecture take	(A)
12.	18/09/2024	Portable Modems Printers: LED, DMP	Lecture take	(A)
13.	25/09/24	Ink Jet, Laser Printer line Printer	Lecture take	(A)
14.	27/09/2024	Scanners working methods	Lecture take	(A)
15.	02/10/2024	Plotters System Software, Applications.	Lecture take	(A)
16.	04/10/2024	Soften driver & Software Installation	Assignment - 2	(A)
17.	16/11/2024	Windows Installation & Anti Virus	Lecture take	(A)
18.	18/10/2024	Setting of CMOS, Setup, PC Tools	Lecture take	(A)
19.	30/11/2024	Computer Networking & OSI model	Lecture take	(A)
20.	01/11/2024	Network hardware, Interconnecting	Lecture take	(A)
21.	01/11/2024	Workgroup & Domain & Dynamic Static	Lecture take	(A)


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S.No	Date	Topic Discussed	Home Work - Assignment / Tutorial Allotted	Remarks
22.	6/11/2021	Server Network , Basic , Server OS	Assignment - 3	(A)
23.	8/11/2021	Implementing Domain & Active Directory	Lecture take	(A)
24.	08/11/2021	Server modes , File Server , Application	Lecture take	(A)
25.	20/11/2021	DHCP Server and Remote Management	Lecture take	(A)
26.	22/11/2021	Linux Networking , Managing Linux Server	Assignment - 4	(A)
27.	27/11/2021	Telnet , ssh , DHCP Server	Lecture take	(A)
28.	29/11/2021	Apache web Server , Bind DNS Server	Lecture take	(A)
29.	4/12/2021	Troubleshooting Linux Network , (NFS)	Lecture take	(A)
30.	11/12/2021	Samba Server , Configuring Internet	Lecture take	(A)
31.				
32.				
33.				


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S.No.	Enrollment No.	Name of the Student	Year	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	Total																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
27	2202060	MUSKAN TIWARI	II Year	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	1225	1226	1227	1228	1229	1230	1231	1232	1233	1234	1235	1236	1237	1238	1239	1240	1241	1242	1243	1244	1245	1246	1247	1248	1249	1250	1251	1252	1253	1254	1255	1256	1257	1258	1259	1260	1261	1262	1263	1264	1265	1266	1267	1268	1269	1270	1271	1272	1273	1274	1275	1276	1277	1278	1279	1280	1281	1282	1283	1284	1285	1286	1287	1288	1289	1290	1291	1292	1293	1294	1295	1296	1297	1298	1299	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	1310	1311	1312	1313	1314	1315

S.No.	Enrollment No.	Name of the Student	Year	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total	
37	2302060	MUSKAN TIWARI	II Year	Semester III	18	18	18	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	24	
38	2302061	MAYEEN KUMAR	II Year	Semester III	19	19	20	21	22	23	24	24	24	24	24	24	24	24	24	24	24	24	24	24	28
39	2302064	MITESH JANGDE	II Year	Semester III	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	23
40	2302066	SOMET CHODHARY	II Year	Semester III	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	25
41	2302067	PALAK BAGCHI/WADHANI	II Year	Semester III	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	22
42	2302068	PRAGATI SAXENA	II Year	Semester III	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	20
43	2302069	PRANEE KUMAR	II Year	Semester III	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	24
44	2302070	PRANJAL SINGH	II Year	Semester III	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	20
45	2302071	PRATEEK SINGH	II Year	Semester III	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	20
46	2302072	PRANVEEN SHARMA	II Year	Semester III	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	23
47	2302076	RAHUL BAIKWA	II Year	Semester III	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	21
48	2302078	RAHUL KUMAR SAHJ	II Year	Semester III	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	22
49	2302079	RAHUL KUMAR SEHAI	II Year	Semester III	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	22
50	2302084	ROHIT KUMAR	II Year	Semester III	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	22
51	2302086	SANJANA KUMARETTVA	II Year	Semester III	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	20
52	2302073	PRIYANSHI PAL	II Year	Semester III	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	21
53	2302047	KURUSHMA SINGH	II Year	Semester III	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	26
54	2302050	KISHAN SHARMA	II Year	Semester III	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	21
55	060123031	RAJNAR KUMAR	II Year	Semester III	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	24
56	060123032	TUNDRER MALIK	II Year	Semester III	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	20
57	060123035	PRINCE KUMAR	II Year	Semester III	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	23

Note- 1. The attendance should be marked 1,2,3... not A and P.

2. This attendance sheet should be submitted to Chief Course Coordinator on last working day of every month.

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19/07/2020




FACULTY OF ENGINEERING & TECHNOLOGY

Session: 2023-24

Date Sheet for Value Added Course Examination

Date	Time	Name of Course	CourseCode
27/12/2023	10:00 AM - 12:00 PM	Hardware and Networking Essentials	VACET009

Date: 27/12/2023


Dr. Om Prakash Sharma
Dean / Head of Department
Department of Engg. & Tech.
FACULTY OF ENGINEERING & TECHNOLOGY
JAGANNATH UNIVERSITY, JAIPUR

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3. Dean, Faculty of Science
4. Dean Academics
5. Controller of Examinations
6. Coordinator- B. Sc. (PCM)
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Roll No.

Value Added Course
End Term Examination, ..2023..
Hardware and Networking Essentials

Time: 2 Hours

Max. Marks: 50

*Note: All questions carry equal marks.(25*2 = 50)*

1. Which of the following is a primary storage device?
 - a) Hard Disk
 - b) RAM
 - c) USB Flash Drive
 - d) DVD
2. CMOS is primarily used to store:
 - a) Operating System
 - b) BIOS settings
 - c) User files
 - d) System updates
3. The function of a CPU is to:
 - a) Store data
 - b) Execute instructions
 - c) Connect peripherals
 - d) Manage input/output devices
4. Which of the following is an output device?
 - a) Scanner
 - b) Keyboard
 - c) Monitor
 - d) Mouse
5. The role of the POST process during booting is to:
 - a) Load the operating system
 - b) Check hardware integrity
 - c) Display system settings
 - d) Establish network connections
6. A serial port is typically used for:
 - a) Connecting a printer
 - b) Data transfer to USB drives
 - c) Connecting older peripherals
 - d) Displaying graphics
7. What component dissipates heat from the CPU?
 - a) RAM
 - b) CMOS battery
 - c) Heat sink
 - d) Modem
8. The main function of a motherboard is to:
 - a) Store data permanently
 - b) Connect and integrate hardware components
 - c) Display system output
 - d) Provide backup power


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9. A mechanical switch is primarily used in:
 - a) Optical Mouse
 - b) Membrane Keyboards
 - c) Mechanical Keyboards
 - d) Wireless Keyboards
10. What type of mouse uses LED or laser technology?
 - a) Mechanical mouse
 - b) Scroll mouse
 - c) Optical mouse
 - d) Trackball mouse
11. Wireless keyboards connect via:
 - a) USB cable
 - b) Infrared or Bluetooth
 - c) Serial port
 - d) Parallel port
12. Troubleshooting a non-responsive mouse includes:
 - a) Restarting the PC
 - b) Cleaning the mouse sensors
 - c) Checking USB connections
 - d) All of the above
13. Which type of printer is the fastest for high-volume tasks?
 - a) Dot Matrix Printer
 - b) Inkjet Printer
 - c) Laser Printer
 - d) Line Printer
14. MFP stands for:
 - a) Multi-Function Printer
 - b) Multi-Format Processor
 - c) Multi-File Printer
 - d) Multi-Faceted Port
15. A scanner works by:
 - a) Copying files from hard disks
 - b) Capturing digital images of documents
 - c) Printing images
 - d) Transmitting signals
16. The first step to troubleshoot printer issues is:
 - a) Restarting the printer
 - b) Checking paper alignment
 - c) Updating printer drivers
 - d) Verifying network connections
17. Which software helps detect and remove malware?
 - a) System tools
 - b) Anti-virus software
 - c) Application software
 - d) BOOT manager
18. The BOOT process begins with:
 - a) Loading the operating system
 - b) Powering the hardware
 - c) Checking BIOS settings
 - d) Initializing application software


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19. System Software includes:
- a) Word processors
 - b) BIOS
 - c) Web browsers
 - d) All of the above
20. The role of the CMOS setup is to:
- a) Update software
 - b) Configure hardware settings
 - c) Detect network faults
 - d) Run antivirus tools
21. The OSI model has how many layers?
- a) 5
 - b) 6
 - c) 7
 - d) 8
22. What hardware connects two or more networks?
- a) Switch
 - b) Router
 - c) Hub
 - d) Repeater
23. Static IP addressing involves:
- a) Automatic IP assignment
 - b) Manual configuration of IPs
 - c) Dynamic allocation of IPs
 - d) None of the above
24. Which of the following is a server operating system role?
- a) DHCP server
 - b) DNS server
 - c) File server
 - d) All of the above
25. Active Directory is primarily used for:
- a) User authentication and management
 - b) Data storage
 - c) Hardware monitoring
 - d) Network cabling


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FACULTY OF ENGINEERING & TECHNOLOGY

Value Added Course Examination

Session 2023-2024.

Course Name: Hardware and Networking Essentials

S.No.	Enrollment No.	Name of the Student	Year	Semester	Marks(50) (In figure)
1	2202016	ARYAN SHARMA	II Year	Semester III	28
2	2202017	ASHISH KUMAR PANDEY	II Year	Semester III	27
3	2202018	ASHISH PRAJAPAT	II Year	Semester III	38
4	2202019	ASHISH SAINI	II Year	Semester III	45
5	2202020	AZHAR ALAM	II Year	Semester III	34
6	2202021	BHUWAN JATAV	II Year	Semester III	39
7	2202022	BISHAL DAS TALK DAS	II Year	Semester III	35
8	2202023	BISWAYAM DUTTA	II Year	Semester III	48
9	2202024	DEEN DAYAL SAINI	II Year	Semester III	35
10	2202025	DEEPAK PANCHOLI	II Year	Semester III	42
11	2202028	DEEPAK YADAV	II Year	Semester III	27
12	2202030	DEV GUPTA	II Year	Semester III	28
13	2202032	DHRUV KAKKAR	II Year	Semester III	45
14	2202033	DISHA RATHORE	II Year	Semester III	46
15	2202037	GAURAV BAGADI	II Year	Semester III	26
16	2202041	GOURAV MISHRA	II Year	Semester III	33

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17	2202112	AMAN GOUTAM	II Year	Semester III	27
18	2202113	AMIT KUMAR	II Year	Semester III	30
19	2202114	ARYAN SHRIVASTAVA	II Year	Semester III	33
20	2202115	DEEPANSHI CHOUDHARY	II Year	Semester III	29
21	2202116	FERHEEN FIROZ	II Year	Semester III	45
22	2202121	ABHISHEK SINGH	II Year	Semester III	37
23	2202125	ASHISH YADAV	II Year	Semester III	37
24	2202126	BHAGWAT PRASAD	II Year	Semester III	39
25	2202149	CHAUDHARY YADUPAL SINGH	II Year	Semester III	38
26	2202153	AKSHAT SHUKLA	II Year	Semester III	36
27	2202040	GIRRAJ SAINI	II Year	Semester III	29
28	2202043	HEMANT KUMAWAT	II Year	Semester III	46
29	2202044	JATIN SHARMA	II Year	Semester III	33
30	2202045	JISHAN KHAN	II Year	Semester III	32
31	2202047	KARISHMA SINGH	II Year	Semester III	27
32	2202050	KISHAN SHARMA	II Year	Semester III	42
33	2202051	KRISHAN KUMAR SHARMA	II Year	Semester III	35
34	2202052	KULDEEP SINGH	II Year	Semester III	33
35	2202053	KULDEEP VERMA	II Year	Semester III	Absent
36	2202058	MOHIT KUMAR SHARMA	II Year	Semester III	44
37	2202060	MUSKAN TIWARI	II Year	Semester III	46
38	2202061	NAVEEN KUMAR	II Year	Semester III	48
39	2202064	NITESH JANGID	II Year	Semester III	45

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Reference No: 19001-2024

Certificate of Appreciation

This is to certify that Mr./Ms Teginder Malik

of program B CA

Year II

Semester III

Section 09

has successfully completed the Ad-hoc Course on Hardware And Networky Equip

Session 2023 - 2024

Course Coordinator
Faculty of Engineering
and Technology

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DEAN
Dean/HOD ENGINEERING & TECHNOLOGY
Faculty of Engineering
and Technology



Jagannath University
Jaipur | Rajasthan



Faculty of Engineering and Technology

Ref: FET/VAC/2023-24/.....

Certificate of Appreciation

This is to certify that Mr./Ms Prince Kumar

of Program BCA Year II Semester III Section hgs

successfully completed the Value Added Course of Net Hardware and Network

Session 2023-2024

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Faculty of Engineering
and Technology

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Faculty of Engineering
and Technology
DEAN
FACULTY OF ENGINEERING & TECHNOLOGY
JAGANNATH UNIVERSITY, JAIPUR



Jagannath University
Jaipur | Rajasthan



Reference No. JAC/2023-24/...

Reference No. JAC/2023-24/...

Certificate of Appreciation

This is to certify that Mr./Ms Amit Kumar

of Program B.tech Year II Semester III Section ...

in the subject Hardware and Networking Essentials

Session 2023-2024

(A)

Course Coordinator
Faculty of Engineering
and Technology

(Signature)
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Registrar
Jagan Nath University
Jaipur

(Signature)
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Faculty of Engineering and Technology
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Faculty of Engineering and Technology

Ref: FET/VAC/2023-24/.....

Certificate of Appreciation

This is to certify that Mr./Ms. Deepak Yadav

of Program B.Tech Year II Semester III Section has

successfully completed the Value Added Course on Hardware and Networking Essentials

Session: 2023-2024

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Faculty of Engineering
and Technology



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
ASHISH KUMAR PANDEY
for successfully completing the course

Ethical Hacking

with a consolidated score of **54** %

Online Assignments	19.91/25	Proctored Exam	34.19/75
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Total number of candidates certified in this course: 4375

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Jagdish Nath University

Jul-Oct 2023

(12 week course)

H. Banerji

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No.: NPTEL23CS755837801284



To verify the certificate

No. of Credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ASTUTY SRIVASTAVA

for successfully completing the course

Problem Solving through Programming In C

with a consolidated score of **46** %

Online Assignments	16.31/25	Proctored Exam	30/75
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Total number of candidates certified in this course: **2979**

Certified Copy
 Registrar
 Jagannath University
 Jaipur

Jan-Apr 2024

(12 week course)

H Banerji

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL24CS42S657802954

To verify the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)

This certificate is awarded to

MEHUL KUMAR

for successfully completing the course

Problem Solving through Programming In C

with a consolidated score of **40** %

Online Assignments	10.06/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 2979

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Jagan Nath University
Jaipur

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No. NPTEL24CS42S557801985

to verify the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

ASHISH KUMAR PANDEY

for successfully completing the course

Programming in Modern C++

with a consolidated score of **62** %

Online Assignments	23.63/25	Proctored Exam	38.25/75
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Total number of candidates certified in this course: **1028**

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Jagan Nath University
Jaipur

Jul-Oct 2023

(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS76S63780229

To verify the certificate



No. of credits recommended: 3 or 4