

## INSPECTION REPORT

1. Date of Inspection : 30/07/2023
2. Members of the Expert Visiting Inspection Team:
  1. DR. Sohan Mathuramal, M.E., GEC Aurangabad - Chairman
  2. Prof. Avenash Kumar, CSE, GEC Aurangabad - Member
  3. Prof. Mohan Kumar Manglam, ME, GEC Aurangabad - Member
  4. Prof. Rakesh Kumar Sinha, CE, GEC Aurangabad - Member
3. Name of the College /Institute : SITYOG INSTITUTE OF TECHNOLOGY
4. Address of the College /Institute : GROWTH CENTRE, JASOYA MURE, AURANGABAD  
BIHAR, PIN - 824101  
Telephone Number : 06186-292401 FAX: 06186-292401  
Email id : sityogengg@yahoo.com  
Name of the Web Site : www.sityog.edu.in
5. Location of College/ Institute with surroundings  
North : 80' Industrial Area Road East : NH-98  
South : BIADA Industrial Plot West : 40' Industrial Area Road
6. Information on Establishment of the Institute
  - a. Year of Establishment : 2011
  - b. Date on which first approval was accorded by AICTE : 2011
  - c. Year of commencement of the first batch : 2011
7. (a) Name the nearest Railway Station : Amgash Naryan Road  
(Distance from the College) : (09 KM)  
(b) Name the nearest Airport : Gaya International Airport  
(Distance from the College) : (90 KM)

A. Sohan  
30/07/23

M. Kumar  
30/07/23

R. Manglam  
30/07/23

R. Sinha  
30/07/23

Rakesh Kumar Sinha  


ORGANISATION AND GOVERNANCE

8. (a) Type of Institution : PRIVATE - Self financing
- (b) Name, Address, Phone no., Fax No., E-mail ID and Website of the Trust/Society (in case of self-financing institution) : SITYOG Educational & Welfare Socie  
 1, Kumbh Villa Appt. New Patnam Gas Godown, Ambedkar Path  
 Kharjuse Patna - 80014 Mob: - 9932269890, sityog@yahoo.co.in
9. (a) Constitution of the Governing Body (originals to be verified):  
 Attached
- (b) Name of the members of the Governing Body (List)  
 Attached
- (c) Certified copies of trust deeds and title deeds of the property. (Originals to be verified):  
 Attached
- (d) Number of meetings of the governing body held in the last academic year (proceedings required).  
 Three (03), copy of proceeding attached
10. (a) Reference No. of University/Government letter of approval (Xerox copy of the Letter): Xerox copy attached
- (b) Reference No. of AICTE/MCI/DCI/INC other's letter of Approval (Xerox copy of the letter):  
 Attached
- 11 Course(s) in which beginning / renewal / extension of Affiliation is sought

Sl. No.	Courses	Approved Intake
1	CIVIL ENGG.	60
2	COMPUTER ENGG.	180
3	ELECTRICAL ENGG.	60
4	MECHANICAL ENGG	60
5		

Ambar  
30/07/23

Ambar  
30/07/23

R. Kishor  
30/07/23

Jeetish  
30/07/2023

Rajesh Kumar





**PHYSICAL INFRASTRUCTURE & OTHER FACILITIES/AMENITIES**

12. To be verified physically and the remarks given as Yes/No :

Sl. No.	Physical Infrastructure	Remarks
1	a. Is the land area available as per AICTE norms? b. Mention the area in Acres (Documentary proof required)	YES 4.12 Acres, Document attached
2	Class rooms as per AICTE norms	YES
3	Tutorial rooms as per AICTE norms	YES
4	Library as per AICTE norms (Certified copy of last 5 pages of accession register to be given as annexure)	YES Copy attached
5	Fully equipped labs as per AICTE norms (Certified inventories as per stock register and physical availability to be given as annexure)	YES Xerox copy of stock register attached
6	Nos. of computers with ratio to students (if as per AICTE norms or not)	YES
7	Conference Hall	YES
8	Common Room for Boys	YES
9	Common Room for Girls	YES
10	Dispensary	YES
11	Principal Office	YES
12	Reception office	YES
13	Main office	YES
14	Admin Office	YES
15	Maintenance & Estate Office	YES
16	Faculty Rooms	YES
17	Toilets for Staff	YES
18	Toilets for Boys	YES
19	Toilets for Girls	YES
20	Canteen	YES

Mohini  
30/07/23

Mohini  
30/07/23

Rishika  
30/07/23

Teacher  
30/07/2023

Rishika



21	& More if any	
22	Status of All Branches & Laboratories	OK
23		
24		
25		

13. To be verified physically and the remarks given as Yes/No:

Sl. No.	Other Facilities	Remarks
1	Digital Library	YES (04 Computers in laboratory)
2	Electrical Generator	YES
3	Parking	YES
4	Internet Facility	YES
5	Communication Lab	YES
6	All weather Road	YES
7	Potable Water Supply	YES
8	Hostel For Boys	YES
9	Hostel for Girls	YES
10	Principal Quarter	NO
11	Staff Quarter	NO
12	Guest House	YES
13	Play Ground	YES
14	Sports	YES
15	Photocopier	YES
16	& More if any	YES
17		
18		
19		
20		

20/7/23

30/07/23

R. Parth  
30/07/23

20/07/23

Rajesh Kumar





HUMAN RESOURCES-FACULTY AND STAFF (All Branches)

- a. Name and Particulars of Head of the Institution (Principal/Director):- Director
- b. Name :- Dr. Rajesh Kumar Singh
- c. Qualifications :- Phd.
- d. Date of Birth :- 15/01/1975
- e. Experiences :- 18 Yrs
- f. PAN No :- AORPS1003G
- g. Aadhar No. :- 734896309952
- h. Bank A/c No :- 920010043148774
- i. Name of Bank :- AXIS BANK
- j. Branch Name :- M.G. Road, Aurangabad
- k. List of Faculty members with qualification/experience the above information's (as given a - j) and subjects taught (list)- (Details/certificates to be attached and physically verified) : List of faculty members with \* certificates not attached qualification/experience attached
- l. Whether there is provision for incentives for Faculty/staff on up gradation of qualification? : Not provided or form.
- m. List of non-teaching staff member with work assignment. (List to be attached) : Attached
- n. Is there a separate Photocopying service for students and faculty available within the library premises? : Yes
- o. Is the library Automation system installed? : YES
- p. What type of library management software is being used? : KOHA
- q. Internet facility availability : YES
- r. Submit last audited statement of accounts of college. : YES
- s. Minimum Number of faculty required for each unit:

Branch	Number of faculty
Mechanical Engg.	12
Computer Engg.	27
Civil Engg.	12
Electrical Engg.	12
/	/

4. Minimum number of supporting Staff required as per AICTE: List attached in Report :

30/07/23

30/07/23

30/07/23

30/07/2023



Rajesh Kumar

u. Are all the faculty, staff members and Principal appointed through proper selection committee? (including university representative): **YES**

Note:

1. Copy of the selection committee proceedings and testimonial of all selected staffs must be submitted: **Selection committee proceedings not attached**
2. Last six months bank statements of the payment of Principal and all staffs must be submitted: **Bank statements from 01-02-2022 to 30-04-2022 attached.**
3. Declaration of present and permanent residential address proof of all teaching and non-teaching staff: **Attached**

v. Students Grievances (if any) —

Important:-

1. An affidavit on non-judicial stamp paper of ₹100/- given by the institution regarding all documents submitted to the inspection team are genuine and correct. Affidavit must be signed by Principal & Counter Signed by Secretary/Chairman.
2. Declaration of fulfillment of conditions laid down by AICTE & University.
3. Bank statement of last six months.

Remarks.....

*Avesh*  
30/07/22

*Mohan*  
30/07/22

*R.K. Singh*  
30/07/2022  
(Rakesh Kumar Singh)

*Sachin*  
30/07/2022

(AVENASH KUMAR)

(MOHAN KR. MANGILAM)

(Dr. Sachin)



*Rakesh Kumar*



SIT/R/483/23

Dated: 30/09/2023

### NAAC Steering Committee for 1<sup>st</sup> Cycle

Sr. No	Name	Designation
1	DR. RAJESH KUMAR SINGH	DIRECTOR AND CHAIRMAN OF NAAC STEERING COMMITTEE
2	MR. SURAJ (ME)	COORDINATOR
3	MR. RAJEEV NAYAN (CE)	MEMBER
4	MR. ASHWINI KUMAR MISHRA (EE)	MEMBER
5	MS. NISTHA PATHAK (BBA)	MEMBER
6	MR. AMRIT KUMAR (EE)	MEMBER
7	MR. S K OJHA (CSE)	MEMBER
8	MR. VAIBHAV (ME)	MEMBER
9	MR. VIKAS KUMAR (BBA)	MEMBER
10	MR. KUNDAN KUMAR (HR)	MEMBER
11	MR. ALOK KUMAR (Account)	MEMBER
12	MR. AMIT KUMAR (Admission Cell)	MEMBER
13	MR. VIKAS KUMAR (IT HEAD)	MEMBER

*Rajesh Kumar*

Director  
SITYOG Institute of Technology



*Rajesh Kumar*



# SITYOG INSTITUTE OF TECHNOLOGY

Growth Center, Jasoiya More, Aurangabad (Bihar) – 824102

Approved By AICTE under Govt. of India (Ministry of HRD), Affiliated to Aryabhata Knowledge University, Patna

Phone: 9322698410, 9308392310 E-Mail: [sityogengg@yahoo.com](mailto:sityogengg@yahoo.com), Website: [www.sityog.edu.in](http://www.sityog.edu.in)

## B. Tech Academic Calendar Session 2022-23 (Even Semester)

Month	Date	Activities
May 2023	1	Labour Day
	1 <sup>st</sup> Week	Academic Meeting
	20	8 <sup>th</sup> Semester Enrolment & Preparation of students details
	29	Start of 8 <sup>th</sup> Semester classes (As per BEU Academic calendar)
June 2023	1 <sup>st</sup> Week	Academic Meeting
	20	Start of 2 <sup>nd</sup> Semester classes (As per BEU Academic calendar)
	24	SEMINAR / Workshop/ Expert Lecture
	29	Eid-Ul- ADHA (Holiday)
July 2023	1 <sup>st</sup> Week	Academic Meeting
	7	Students Enrollment in NPTEL/ SWAYAM July- October (8/12 Week Courses)
	15	SEMINAR / Workshop/ Expert Lecture
	24	Start of 4 <sup>th</sup> and 6 <sup>th</sup> Semester classes (As per BEU Academic calendar)
August 2023	1 <sup>st</sup> Week	Academic Meeting
	5	Academic Monitoring- 8 <sup>th</sup> Semester
	7-10	MID Semester Examination -2 <sup>nd</sup> and 8 <sup>th</sup> Semester
	14	MID Term Result Displays & Analysis- 2 <sup>nd</sup> and 8 <sup>th</sup> Semester
	15	Independence Day
	21- 28	End Semester Examination- 8 <sup>th</sup> Semester
	30	RAKSHA BANDHAN (Holiday)
September 2023	1 <sup>st</sup> Week	Academic Meeting
	11	Foundation Day Celebration starts
	12- 15	Academic Excellence Week- SEMINAR / Workshop/ Expert Lecture
	16	Foundation Day Celebration Ends





	17	Vishwakarma Puja (Workshop Puja)
	23	Academic Monitoring 2 <sup>nd</sup> Semester
	29 to 11 <sup>th</sup> October 2023	End Semester Examination- 2 <sup>nd</sup> Semester
October 2023	1 <sup>st</sup> Week	Academic Meeting
	2	Gandhi Jayanti
	3-7	Induction classes- 1 <sup>st</sup> Semester (2023-24 Session)
	9	Start of 1 <sup>st</sup> Semester classes
	14	Break for 3 <sup>rd</sup> Semester Internship (2 <sup>nd</sup> Semester Students)
	19-21	MID Semester Examination -4 <sup>th</sup> and 6 <sup>th</sup> Semester
	23-25	Durga Puja Holiday
	28	MID Term Result Displays & Analysis 4 <sup>th</sup> and 6 <sup>th</sup> Semester
November 2023	1 <sup>st</sup> Week	Academic Meeting
	6	Academic Monitoring- 4 <sup>th</sup> & 6 <sup>th</sup> Semester
	12-21	Diwali and Chhath Puja (Holiday)
	22	Start of 3 <sup>rd</sup> Semester classes (2023-24 Session)
	28 to 8 Dec 2023	End Semester Examination- 4 <sup>th</sup> & 6 <sup>th</sup> Semester
December 2023	1 <sup>st</sup> Week	Academic Meeting
	3	Dr. Rajendra Prasad Jayanti
	15-25	Semester Break for 4 <sup>th</sup> & 6 <sup>th</sup> Semester
	25	Christmas Day Holiday

**Copy to:**

- ❖ For kind information of Hon'ble Chairman /Secretary
- ❖ Hon'ble Director
- ❖ Dean, Academics
- ❖ All H.O.D
- ❖ All Concerns
- ❖ Notice Board

*Rajesh Kumar*  
Director




*Rajesh Kumar*  
Director






# बिहार अभियंत्रण विश्वविद्यालय, पटना

(छद्दा तल्ला, परीक्षा ब्लॉक, ए०के०यू० परिसर, मीठापुर, पटना-800001)

## Bihar Engineering University, Patna

(6<sup>th</sup> Floor, Examination Block, AKU Campus, Mithapur, Patna-800001)

प्रदीप कुमार, भा०प्र०से०(से०नि०)

कुलसचिव

Pradip Kumar, IAS (Retd.)

Registrar

Phone No.:-0612-2385475

Mobile No.:-+91-9102521188

Email :- registrar.beu@bihar.gov.in

पत्रांक :- वि०अ०वि०/११६/2023/पटना

दिनांक:- 18/5/2023

सेवा में,

प्राचार्य/प्रभारी प्राचार्य/निदेशक  
अभियंत्रण महाविद्यालय/संस्थान  
बिहार

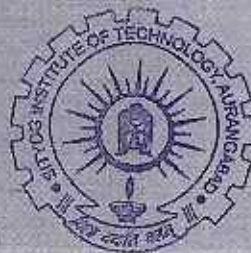
विषय:- B.Tech 8<sup>th</sup> Semester का पठन-पाठन दिनांक-20/05/2023 से प्रारंभ करने एवं परीक्षा के संबंध में।

महाशय,

निदेशानुसार उपर्युक्त विषय के संबंध में सूचित करना है कि B.Tech 8<sup>th</sup> Semester का पठन-पाठन दिनांक-20/05/2023 से प्रारंभ करने एवं परीक्षा निम्न तालिका के अनुसार करना सुनिश्चित करने की कृपा की जाए।

वर्ग प्रारंभ (Start of Class)	: 20/05/2023
Mid Sem Exam	: 03/07/2023 to 08/07/2023
End Sem Exam	: 21/08/2023 to 28/08/2023
Result Publication	: 12/09/2023

उपरोक्त विज्ञान एवं प्रावैधिकी विभाग के पत्रांक-1930 दिनांक-18/05/2023 के द्वारा अनुमोदित किया गया है।



*Pradip Kumar*

विश्वासभाजन

कुलसचिव

बिहार अभियंत्रण विश्वविद्यालय  
पटना



बिहार अभियंत्रण विश्वविद्यालय, पटना  
Bihar Engineering University, Patna  
6<sup>th</sup> Floor, Examination Block, AKU Campus, Mithapur, Patna-800001  
Email- beubihar@gmail.com

Letter No.- BEU/Exam/ /2023/Patna

Date:-

**NOTICE**

The academic schedule to be followed for 2<sup>nd</sup> Semester of B.Tech courses for the current academic year is hereby notified for necessary compliance by all concerned institutions/colleges.

S.No	Schedule	Timeline
1	Commencement of Classes	12/06/2023
2	Mid Semester Examination	01/08/2023 to 08/08/2023
3	University Examination (End Semester)	29/09/2023 to 11/10/2023

By Order of the Vice-Chancellor  
Sd/-  
Examination Controller  
Bihar Engineering University  
Patna

Memo No.:- BEU /Exam/ 889/2023/ Patna,

Dated ..09-06-2023

Copy forwarded to: - The Principal/Director of the concerned College requested to ensure the compliance of the schedule.

By Order of the Vice-Chancellor

Examination Controller  
Bihar Engineering University  
Patna



Devesh Kumar

बिहार अभियंत्रण विश्वविद्यालय, पटना  
Bihar Engineering University, Patna  
6<sup>th</sup> Floor, Examination Block, AKU Campus, Mithapur, Patna-800001  
Email- beubihar@gmail.com

Letter No.- BEU/Exam/ /2023/Patna

Date:-

**NOTICE**

The academic schedule to be followed for 4<sup>th</sup> & 6<sup>th</sup> Semester of B.Tech courses for the current academic year is hereby notified for necessary compliance by all concerned institutions/colleges is as follows:

S.No	Schedule	Timeline
1	Commencement of Classes	24/07/2023
2	Mid Sem Examination	12/09/2023 to 16/09/2023
3	University Examination (End Semester)	28/11/2023 to 08/12/2023

By Order of the Vice-Chancellor  
Sd/-  
Examination Controller  
Bihar Engineering University  
Patna

Memo No.:- BEU /Exam/1318/2023/ Patna,

Dated ...12/07/2023

Copy forwarded to: - The Principal/Director of the concerned College requested to ensure the compliance of the schedule.

By Order of the Vice-Chancellor



Examination Controller  
Bihar Engineering University  
Patna

12/07/23 परीक्षा नियंत्रक  
बिहार अभियंत्रण विश्वविद्यालय  
पटना








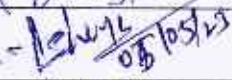
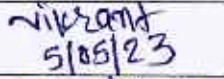

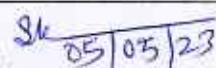
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## Minutes of Meeting

Topic	Academic Meeting		Location	SIT Campus
Meeting Taken By	Director		Date	05.05.2023
Participants	Attendees	Signature	Start Time: 4:00 PM End Time: 5:00 PM	
	Mr. Suraj (Academic Dean)			
	Dr. S.K. Jha (CSE)		Meeting Duration: 1:00 Hour	
	Mr. Saurabh Kumar (ME)			
	Mr. Ashwini Kumar Mishra (EE)			
	Mr. Vikrant Kumar (CE)			
	Mr. Kundan Kumar (BBA)			
	Mr. S.K. OJHA (BCA)			
Agenda	Meeting Agenda goes here! 1. Enrollment of 8th semester students. 2. Classes starts of 8th semester students.			
Points Discussed	Remarks	Responsible	Completion Date	
Participants	1. Preparation of student details for enrollment of final semester students.	All HoDs	18.05.2023	
	2. Preparation of Time Table, subject distribution and Individual Load Chart.	All HoDs	26.05.2023	
Prepared by	Mr. Sashi	Meeting Summary		
Designation	Office Assistant			





  
Director  




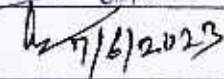

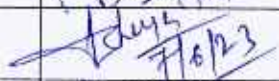
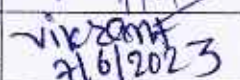
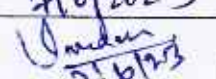
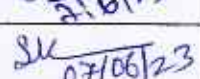
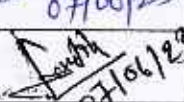



# SITYOG INSTITUTE OF TECHNOLOGY

Growth Center, Jasoia More, Aurangabad (Bihar) – 824102

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## Minutes of Meeting

Topic	Academic Meeting		Location	SIT Campus
Meeting Taken By	Director		Date	07.06.2023
Participants	Attendees	Signature	Start Time: 4:00 PM End Time: 5:00 PM	Meeting Duration: 1:00 Hour  Update By: Mr. Sashi
	Mr. Suraj (Academic Dean)			
	Dr. S.K. Jha (CSE)			
	Mr. Saurabh Kumar (ME)			
	Mr. Ashwini Kumar Mishra (EE)			
	Mr. Vikrant Kumar (CE)			
	Mr. Kundan Kumar (BBA)			
	Mr. S.K. OJHA (BCA)			
	Mr. Satish			

Agenda	Meeting Agenda goes here!
	<ol style="list-style-type: none"> <li>1. Classes starts for B.Tech 2nd semester (as per BEU Academic Calendar)</li> <li>2. Expert Lecture/SEMINAR/WORKSHOP should be organized by departments.</li> <li>3. College closed on occasion on EID-UL-ADHA Notice</li> <li>4. Conduct a Awareness program in village – "Use of Sanitary pad "</li> </ol>

Points Discussed	Remarks	Responsible	Completion Date
Participants	1. Preparation of Time Table, subject distribution and Individual Load Chart for B.Tech 2nd semester.	All HoDs	17.06.2023
	2. Department of Training and Placement is going to organize an one day Awareness Program on Bihar Start-Up Policy	TPO	20.06.2023
	3. Notice	Mr. Sashi	24.06.2023
	4. Conduct a Awareness program in village – "Use of Sanitary pad "	Mr. Satish	08.06.2023
Prepared by	Mr. Sashi	Meeting Summary	
Designation	Office Assistant		



Director







# SITYOG INSTITUTE OF TECHNOLOGY

Growth centre, Jasoiya More, Aurangabad, Bihar-824102(India)

## **B. Tech -Electrical Engineering and Computer Science Engineering**

Time table (2022-23) EVEN

Year/Sem : 1<sup>st</sup> / 2<sup>nd</sup>

w.e.f. - 20/06/23

DAY/TIME	09:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30	12:30-01:30	01:30-03:10	03:10- 04:00
MONDAY	MATH	BASIC ELECTRICAL	PHYSICS	LIBRARY	L	ENG. GRAPHICS & DESIGN	SPOKEN ENGLISH
TUESDAY	MATH	BASIC ELECTRICAL	PHYSICS	LIBRARY	U	ENG. GRAPHICS & DESIGN	SPOKEN ENGLISH
WEDNESDAY	MATH	BASIC ELECTRICAL	PHYSICS	LIBRARY	N	ENG. GRAPHICS & DESIGN	SPOKEN ENGLISH
THURSDAY	MATH	BASIC ELECTRICAL	PHYSICS	LIBRARY	C	ENG. GRAPHICS & DESIGN	SPOKEN ENGLISH
FRIDAY	MATH	BASIC ELECTRICAL	PHYSICS	PHYSICS LAB	H	ENG. GRAPHICS & DESIGN	SPOKEN ENGLISH
SATURDAY	MATH	BASIC ELECTRICAL	PHYSICS	PHYSICS LAB		BEE LAB	SPOKEN ENGLISH

S. No.	SUBJECT NAME	ABBREVIATION	FACULTY NAME	ROOM NO
1	MATHEMATICS-II	MATH	TARUN KUMAR	114
2	SEMICONDUCTOR PHYSICS	PHYSICS	RITU RANJAN KUMAR	114
3	ENGINEERING GRAPHICS & DESIGN	EGD	KAMLESH KUMAR	114
4	BASIC ELECTRICAL ENGINEERING	BEE	NAVNEET KUMAR	117(B)
5	SPOKEN ENGLISH	SE	MR. PRASHANT VERMA	114

Department of Computer Science  
Sityog Institute of Technology  
Aurangabad (Bihar)

HOD  
18/06/23  
18/06/23

Department of Electrical Engineering  
SITYOG INSTITUTE OF TECHNOLOGY  
Aurangabad Bihar-824101

TIME TABLE IN CHARGE  
DIRECTOR





# SITYOG INSTITUTE OF TECHNOLOGY

Growth centre, Jasoiya More, Aurangabad, Bihar-824102 (India)

## Time Table (2022-23)

Department : (M.E + C/E)

Year/ Sem : 1<sup>st</sup>/2<sup>nd</sup>

w.e.f. 20/06/2023.

PERIOD	I	II	III	IV	V	VI	VII	
DAY/TIME	09:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30	12:30-01:30	01:30-02:20	2:20-03:30	03:30-04:30
MONDAY	PPS	ENGLISH	MATH	WORKSHOP	CHEM	CHEM	CHEM	PPS LAB
TUESDAY	PPS	ENGLISH	MATH	WORKSHOP	CHEM	CHEM	CHEM	PPS LAB
WEDNESDAY	PPS	ENGLISH	MATH	WORKSHOP	CHEM	CHEM	CHEM LAB	CHEM LAB
THURSDAY	PPS	ENGLISH	MATH	WORKSHOP	CHEM	CHEM	CHEM LAB	CHEM LAB
FRIDAY	PPS	ENGLISH	MATH	WORKSHOP	CHEM	CHEM	CHEM LAB	WORKSHOP LAB
SATURDAY	PPS	ENGLISH	MATH	WORKSHOP	CHEM	CHEM	CHEM LAB	WORKSHOP LAB

S.No.	Subject Name	Abbreviation	Faculty Name
1	ENGLISH		NAGENDRA KUMAR
2	WORKSHOP MANUFACTURING PRACTICES	WORKSHOP	VAIBHAV KUMAR
3	PROGRAMMING FOR PROBLEM SOLVING	PPS	SHALINI KUMARI
4	ENGINEERING CHEMISTRY	CHEM	SHWETA
5	ENGINEERING MATHEMATICS-1	MATH	TARUN KUMAR

HOD

HOD

TIME TABLE IN-CHARGE

HOD

Department of Mechanical Engineering  
SITYOG INSTITUTE OF TECHNOLOGY  
Aurangabad Bihar-824101

Aurangabad Bihar-824101

Department of Civil Engineering  
SITYOG INSTITUTE OF TECHNOLOGY  
Aurangabad, Bihar-824101

Aurangabad, Bihar-824101

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**SITYOG INSTITUTE OF TECHNOLOGY**  
Growth Centre, Jasoiya More, Aurangabad, Bihar-824102 (India)

**B.TECH (MECHANICAL ENGG.)**  
Time Table- 2022-23

YEAR/SEM: 2<sup>nd</sup>/4<sup>th</sup>

W.E.F. - 24-07-2023

DAY/TIME	09:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30	12:30-1:30	1:30-2:20	02:20-3:10	03:10-04:00
MONDAY	A.T	FM	SOM	I&C	EMS	L	FM LAB	
TUESDAY	A.T	FM	SOM	I&C	EMS	L	A.T LAB	
WEDNESDAY	A.T	FM	SOM	I&C	EMS	U	SWAYAM/NPTL	
THURSDAY	A.T	FM	SOM	I&C	EMS	N	SOM LAB	
FRIDAY	A.T	FM	SOM	I&C	EMS	C	SOM LAB	
SATURDAY	A.T	FM	SOM	I&C	EMS	H	FM LAB	

S. NO.	SUBJECTNAME	ABBREVIATIONS	FACULTYNAME
1	APPLIED THERMODYNAMICS	A.T	MR. SUMIT KUMAR
2	FLUID MECHANICS	FM	MR. RANJEET KUMAR
3	STRENGTH OF MATERIALS	SOM	MR. AMAN KUMAR
4	INSTRUMENTATION AND CONTROL	I&C	MR. PRANESH KUMAR SINGH
5	ENGINEERING MATERIALS	EMS	MR. MOHAMAD JAMIL

HOD

Department of Mechanical Engineering  
SITYOG INSTITUTE OF TECHNOLOGY  
Aurangabad Bihar-824101

F.O.D

Department of Mechanical Engineering  
SITYOG INSTITUTE OF TECHNOLOGY  
TIME TABLE IN CHARGE Aurangabad-824101

DIRECTOR





# STYOOGINSSTITUTE OF TECHNOLOGY

Growth Centre, Jasoiyamore, Aurangabad, Bihar-824102 (India)

## Time Table (2022-23 Even)

### Department of Civil Engineering

Year/Sem: 2<sup>nd</sup>/4<sup>th</sup>

(W.E.F. - 24-07-2023)

PERIOD	I	II	III	IV	V	VI	VII
DAY/TIME	09:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30	01:30-02:20	02:20-03:10	03:10-04:00
MONDAY	DP	SOM	F.M	M.E	S.A	E.G	C.E.S&GE
TUESDAY	DP	SOM.	F.M	M.E	S.A	E.G	C.E.S&GE
WEDNESDAY	DP	SOM.	F.M	M.E	S.A	E.G	C.E.S&GE
THURSDAY	DP	SOM.	F.M	M.E	S.A	E.G	C.E.S&GE
FRIDAY	M.T & E	SOM	F.M	M.E	S.A	M.T & E	MOOC
SATURDAY	M.T & E	SOM	F.M	M.E	S.A	M.T & E	MOOC

S.NO.	SUBJECTNAME	ABBREVIATION	FACULTYNAME	ROOMNO.
1	Strength of Material	SOM	HIRAI KUMAR	213
2	Mechanical Engg	M.E	RAM BILAS DAS	213
3	Structural Analysis	S.A	INDRAJEET KUMAR	213
4	Fluid Mechanics	F.M	AMIT AMAN	213
5	Material Testing & Evaluation	M.T & E	MUKESH KUMAR	213
6	Engg Geology	E.G	RAJAN KUMAR	213
7	Disaster Preparedness	D.P	SHAHBAZ AKHTER	213
8	Civil Engg Societal and Global Impacts	C.E.S & G.E	VIVEK KUMAR	213
	Mooc	MOOC	GAUTAM KUMAR	213

*Vivek Kumar*

Department of Civil Engineering

STYOOGINSSTITUTE OF TECHNOLOGY

Aurangabad, Bihar-824101

TIMETABLE IN-CHARGE

*Vivek Kumar*  
DIRECTOR







# SITYOG INSTITUTE OF TECHNOLOGY

Growth Centre, Jasoiya More, Aurangabad, Bihar-824101(India)

## B.TECH ELECTRICAL ENGINEERING Time Table-2022-23 (EVEN)

YEAR/SEM:2<sup>ND</sup>/4<sup>TH</sup>

W.E.F. - 24 - 07 - 2023

DAY/TIME	09:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30	12:30-1:20	01:30-2:20	02:20-03:10	3:10-4:00
MONDAY	EM-II	SS	EEM	DE	L	MATHS-III		SS LAB
TUESDAY	EM-II	SS	EEM	DE	L	MATHS-III		EM-II LAB
WEDNESDAY	EM-II	SS	EEM	DE	U	MATHS-III		EEM LAB
THURSDAY	EM-II	SS	EEM	DE	N	MATHS-III		BIOLOGY
FRIDAY	EM-II	SS	EEM	DE	C	MATHS-III		DE LAB
SATURDAY	EM-II	SS	EEM	DE	H	MATHS-III		BIOLOGY

S. NO.	SUBJECTNAME	ABBREVIATION	FACULTYNAME
2	SIGNAL & SYSTEM	SS	RAJ MARSHAL
3	ELECTRICAL & ELECTRONICS MEASUREMENT	EEM	PREM RANJAN
4	DIGITAL ELECTRONICS	DE	SHIVNATH RAI
5	MATHS-III	MATH-III	AMIT KUMAR
	ELECTRICAL MACHINE-II	EM-II	NITISH KUMAR ROY

HOD

Department of Electrical Engineering  
SITYOG INSTITUTE OF TECHNOLOGY  
Aurangabad Bihar-824101

TIME TABLE INCHARGE

DIRECTOR





# SITYOG INSTITUTE OF TECHNOLOGY

Growth centre, Jasoiya More, Aurangabad, Bihar-824102 (India)

## Time table (2022-23) - EVEN B. Tech Computer Science & Engineering

Year/Sem : 2<sup>nd</sup> / 4<sup>th</sup>

(w.e.f.) 24-07-2023

PERIOD	I	II	III	IV	V	VI	VII	
DAY/TIME	09:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30	12:30-01:30	01:30-02:20	02:20-03:10	03:10-04:00
MONDAY	Discrete Maths	OS	COA	HRD & OB	DAA	DE	LAB COA	
TUESDAY	Discrete Maths	OS	COA	HRD & OB	DAA	DE	LAB OS	
WEDNESDAY	Discrete Maths	OS	COA	HRD & OB	DAA	DE	LAB DE	
THURSDAY	Discrete Maths	OS	COA	HRD & OB	DAA	DE	LAB DAA	
FRIDAY	Discrete Maths	OS	COA	HRD & OB	DAA	DE	LAB DAA	
SATURDAY	Discrete Maths	OS	COA	HRD & OB	DAA	DE	LAB DAA	

S.No.	SUBJECT NAME	ABBREVIATION	FACULTY NAME
1	Operating System	OS	DR S K JHA
2	Digital Electronics	DE	VIKASH KUMAR
3	Computer Organisation & Architecture	COA	S K OJHA
4	Discrete Mathematics	DM	AMIT KUMAR
5	Design and Analysis of Algorithm	DAA	VIKASH KUMAR
6	Human Resource Dev. & Organisational Behaviour	HRD & OB	KUNDAN KUMAR SINGH
7	LAB COA, OS, DAA, DE		Respective teachers

HOD, Department of Computer Science  
Sityog Institute of Technology  
Aurangabad (Bihar)

TIME TABLE IN-CHARGE

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# SITYOG INSTITUTE OF TECHNOLOGY

Growth Centre, Jasoilya More, Aurangabad, Bihar-824102 (India)

B.TECH (MECHANICAL ENGG)

Time Table-2022-23

YEAR/SEM: 3<sup>rd</sup>/6<sup>th</sup>

W.E.F. - 21 July '23

DAY/TIME	09:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30	12:30-1:30	1:30-2:20	02:20-3:10	03:10-04:00
MONDAY	RES	PPE	DME	DOM	PPE	L	AM	MS
TUESDAY	RES	MS	DME	DOM	PPE	L	AM	MT
WEDNESDAY	RES	PPE	DME	DOM	PPE	U	AM	MS
THURSDAY	RES	PPE	DME	DOM	PPE	N	AM	MS
FRIDAY	RES	MS	DME	DOM	PPE	C	AM	MT
SATURDAY	RES	MS	DME	DOM	PPE	H	AM	MT

S. NO.	SUBJECTNAME	ABBREVIATIONS	FACULTYNAME
1	DESIGN OF MACHINE ELEMENT	DME	MR. PINTU KUMAR
2	MANUFACTURING TECHNOLOGY	MT	MR. VAIBHAV KUMAR
3	DYNAMICS OF MACHINERY	DOM	MR. KAMLESH KUMAR
4	AUTOMATION IN MANUFACTURING	AM	MR. NAGENDRA KUMAR
5	RENEWABLE ENERGY SYSTEM	RES	MR. DEEPAK KUMAR
6	MECHATRONICS SYSTEM	MS	MR. ANMOL KUMAR
7	POWER PLANT ENGG.	PPE	MR. SUMANT MISHRA

HOD

Department of Mechanical Engineering  
HQB  
SITYOG INSTITUTE OF TECHNOLOGY  
Aurangabad Bihar-824101

TIME TABLE IN-CHARGE

DIRECTOR





# SITYOGINSTITUTE OF TECHNOLOGY

Growth Centre, Jasoiyamore, Aurangabad, Bihar-824102 (India)

## Time Table (2022-23 Even)

### Department of Civil Engineering

Year/Sem: 3<sup>RD</sup>/6<sup>TH</sup>

W.F.F. - 24/07/23

PERIOD	I	II	III	IV	V	VI	VII
DAY/TIME	09:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30	01:30-02:20	2:20-3:10	3:10-4:00
MONDAY	DoSS	EE-II	GE-II	CE&M	EEE&C	SM-I	NPTTEL Courses
TUESDAY	DoSS	EE-II	GE-II	CE&M	EEE&C	SM-I	CoI
WEDNESDAY	DoSS	EE-II	GE-II	CE&M	EEE&C	SM-I	CoI
THURSDAY	DoSS	EE-II	GE-II	CE&M	EEE&C	SM-I	EEE&C(LAB)
FRIDAY	DoSS	EE-II	GE-II	CE&M	EEE&C	SM-I	EE-II(LAB)
SATURDAY	DoSS	EE-II	GE-II	CE&M	EEE&C	SM-I	Industrial Visit

S.NO.	SUBJECTNAME	ABBREVIATION	FACULTYNAME	ROOMNO.
1	Design of Steel Structure	DoSS	AJEET KUMAR PAL	212
2	Environmental Engineering-II (Theory & Lab)	EE-II	SANOJ KUMAR	212
3	Geotechnical Engineering -II	GE-II	KANAHYA JEE	212
4	Construction Engineering & Management	CE&M	PALLAV SARAS	212
5	Engineering Economics, Estimation & Costing (Theory & Lab)	EEE&C	ABHAY KUMAR	212
6	Constitution of India	CoI	GAUTAM KUMAR	212
7	Soil Mechanics- I	SM-I	AMARDEEP KUMAR	212

*Visant*

Department of Civil Engineering  
SITYOGINSTITUTE OF TECHNOLOGY  
Aurangabad, Bihar-824101

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*Devesh Kumar*

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**SITYOG INSTITUTE OF TECHNOLOGY**  
Growth Centre, Jasoiya More, Aurangabad, Bihar-824101(India)

**B. TECH ELECTRICAL ENGINEERING**  
**TimeTable-2022-23 (EVEN)**

YEAR/SEM:3<sup>rd</sup>/6<sup>th</sup>

W.E.F. - 29/08/23

DAY/TIME	09:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30	12:30-1:20	01:30-2:20	02:20-03:10	3:10-4:00
MONDAY	PSD	PS-II	HVE	ELECTRICAL DRIVE	L	DSP	VLSI	DSP LAB
TUESDAY	PSD	PS-II	HVE	ELECTRICAL DRIVE	U	DSP	VLSI	PS-II LAB
WEDNESDAY	PSD	PS-II	HVE	ELECTRICAL DRIVE	N	DSP	VLSI	VLSI LAB
THURSDAY	PSD	PS-II	HVE	ELECTRICAL DRIVE	C	DSP	VLSI	PS-II(T)
FRIDAY	PSD	PS-II	HVE	ELECTRICAL DRIVE	H	DSP	VLSI	HVE(T)
SATURDAY	PSD	PS-II	HVE	ELECTRICAL DRIVE		DSP	VLSI	Electronics Design Laboratory

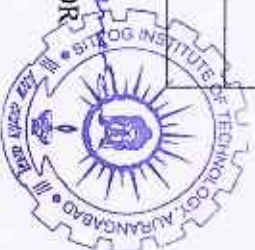
S. NO.	SUBJECTNAME	ABBREVIATIONS	FACULTYNAME
1	HUMAN RESOURCE MANAGEMENT-2	ED	ANKIT KUMAR
2	BUSINESS TAXATION	PS-II	DINBANDHU KUMAR
3	CORPORATE COMMUNICATION	HVE	RAJ KUMAR MANDAL
4	MARKETING MANAGEMENT	PSD	NISHA BHARTI
5	FINANCIAL MANAGEMENT-2	DSP	MEENI KUMARI
6	VERY LARGE SCALE INTEGRATION	VLSI	ANAND MOHAN

HOD

Department of Electrical Engineering  
SITYOG INSTITUTE OF TECHNOLOGY  
Aurangabad Bihar-824101

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# SITYOG INSTITUTE OF TECHNOLOGY

Growth centre, Jasoiya More, Aurangabad, Bihar-824102(India)

## B. Tech Computer Science & Engineering

Time table (2022-23) - EVEN

Year/Sem : 3<sup>RD</sup> / 6<sup>TH</sup>

(w.e.f. 24/07/23)

PERIOD	I	II	III	IV	V	VI	VII	
DAY/TIME	09:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30	12:30-01:30	01:30-02:20	02:20-03:10	03:10-04:00
MONDAY	MACHINE LEARNING	COMPILER DESIGN	COMPUTER N/W	CRYPTOGRAPHY	Python	JAVA	LAB COM. DESIGN	LAB COM. DESIGN
TUESDAY	MACHINE LEARNING	COMPILER DESIGN	COMPUTER N/W	CRYPTOGRAPHY	Python	JAVA	LAB COM. DESIGN	LAB COM. DESIGN
WEDNESDAY	MACHINE LEARNING	COMPILER DESIGN	COMPUTER N/W	CRYPTOGRAPHY	Python	JAVA	LAB COM. DESIGN	LAB COM. DESIGN
THURSDAY	MACHINE LEARNING	COMPILER DESIGN	COMPUTER N/W	CRYPTOGRAPHY	Python	JAVA	LAB COM. DESIGN	LAB COM. DESIGN
FRIDAY	MACHINE LEARNING	COMPILER DESIGN	COMPUTER N/W	CRYPTOGRAPHY	Python	JAVA	LAB COM. DESIGN	LAB COM. DESIGN
SATURDAY	MACHINE LEARNING	COMPILER DESIGN	COMPUTER N/W	CRYPTOGRAPHY	Project	Project	LAB COM. N/W	LAB COM. N/W

S. No.	SUBJECT NAME	ABBREVIATION	FACULTY NAME
1	COMPILER DESIGN	CD	AKASH KUMAR
2	PYTHON PROGRAMMING	PYTHON	RANJEET KUMAR PANDEY
3	MACHINE LEARNING	ML	VIVEK KUMAR
4	COMPUTER NETWORKS	N/W	BIBHA KUMARI
5	INTRODUCTION TO JAVA	JAVA	DR. S K JHA
6	CRYPTOGRAPHY & NETWORK SECURITY	CNS	VIVEK
7	LAB COM. DESIGN, JAVA, COM. N/W		RESPECTIVE TEACHERS
8	Project		

Department of Computer Science  
Sityog Institute of Technology  
HOD: Aurangabad (Bihar)

HEENA SINGH  
22/07/23

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Director







**SITYOG INSTITUTE OF TECHNOLOGY**  
Growth Centre, Jasoiya More, Aurangabad, Bihar-824101(India)

**B. TECH (MECHANICAL ENGG)**

**Time Table-2022-23**

YEAR/SEM: 4<sup>TH</sup> / 8<sup>TH</sup>

W.E.F.- 29/05/2023

DAY/TIME	09:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30	12:30-01:30	01:30-02:20	02:20-03:10
MONDAY	DTS	SM	GDJP	CFD		Project II	Project II
TUESDAY	DTS	SM	GDJP	CFD		Project II	Project II
WEDNESDAY	DTS	SM	GDJP	CFD	L U N C H	Project II	Project II
THURSDAY	DTS	SM	GDJP	CFD		Project II	Project II
FRIDAY	DTS	SM	GDJP	CFD		Project II	Project II
SATURDAY	DTS	SM	GDJP	CFD		Project II	Project II

S.NO.	SUBJECTNAME	ABBREVIATIONS	FACULTYNAME
1	Gas Dynamic sand Jet Propulsion	GDJP	HARI OM
2	Design of Transmission Systems	DTS	MOHAMAD FIROJ
3	Safety Management	SM	ASHUTOSH KUMAR
4	Computational Fluid Dynamics	CFD	LAIRAB QUAMAR
5	Project II	Project II	RESPECTIVE GUIDES

TIME TABLE IN-CHARGE

*Raty*

*[Signature]*

**HOD**

Department of Mechanical Engineering  
SITYOG INSTITUTE OF TECHNOLOGY  
Aurangabad Bihar-824101

*[Signature]*

**DIRECTOR**





# SITYOG INSTITUTE OF TECHNOLOGY

Growth Centre, JasoiyaMore, Aurangabad, Bihar-824102(India)

## Time Table (2022-23 Even)

### Department of Civil Engineering

Year/Sem: 4<sup>TH</sup>/8<sup>TH</sup>

W.E.F.- 29/05/2023

PERIOD	I	II	III	IV	V	VI	VII
DAY/TIME	09:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30	01:30-02:20		2:20-4:00
MONDAY	EPA	Ra E	SHWM	Re E	PROJECT		PROJECT
TUESDAY	EPA	Ra E	SHWM	Re E	PROJECT		PROJECT
WEDNESDAY	EPA	Ra E	SHWM	Re E	PROJECT		PROJECT
THURSDAY	EPA	Ra E	SHWM	Re E	PROJECT		PROJECT
FRIDAY	EPA	Ra E	SHWM	Re E	PROJECT		PROJECT
SATURDAY	EPA	Ra E	SHWM	Re E	PROJECT		PROJECT

S.NO.	SUBJECTNAME	ABBREVIATION	FACULTYNAME	ROOMNO.
1	Economics Policy of India	EPA	SARASWATI CHANDRA	211
2	Railway Engineering	Ra E	RISHAV RAJ	211
3	Solid & Hazardous Waste Management	SHWM	AJEET KUMAR PAL	211
4	River Engineering Project	Re E	RAJ KISHOR KUMAR	211
			SARASWATI CHANDRA/ RISHAV RAJ/ AJEET KUMAR PAL/ RAJ KISHOR KUMAR	211

Department of Civil Engineering  
SITYOG INSTITUTE OF TECHNOLOGY  
Aurangabad, Bihar-824101

TIME TABLE IN-CHARGE







# SITYOG INSTITUTE OF TECHNOLOGY

Growth Centre, Jasoiya More, Aurangabad, Bihar-824101(India)

## B.TECH ELECTRICAL ENGINEERING

### TimeTable-2022-23 (EVEN)

YEAR/SEM:4<sup>TH</sup>/8<sup>TH</sup>

W.E.F. - 29/05/2023

DAY/TIME	09:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30	1:30-2:20	02:20-3:10	03:10-04:00
MONDAY	PQ&F	DIP	E&HV	CN	L		PROJECT II
TUESDAY	PQ&F	DIP	E&HV	CN	U		PROJECT II
WEDNESDAY	PQ&F	DIP	E&HV	CN	N		PROJECT II
THURSDAY	PQ&F	DIP	E&HV	CN	C		PROJECT II
FRIDAY	PQ&F	DIP	E&HV	CN	H		PROJECT II
SATURDAY	PQ&F	DIP	E&HV	CN			PROJECT II

S. NO.	SUBJECTNAME	ABBREVIATIONS	FACULTYNAME
1	POWER QUALITY & FACTS	EM	SANGAM RAJA
2	DIGITAL IMAGE PROCESSING	PSP	ASHWINI KUMAR MISHRA
3	ELECTRICAL AND HYBRID VEHICLES	PPE	SATISH KUMAR
4	COMPUTER NETWORK	EM	RAJ MARSHAL
5	PROJECT	-	RESPECTIVE GUIDE

HOD

*[Signature]*  
HOD

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*[Signature]*

DIRECTOR

*[Signature]*  
DIRECTOR

Department of Electrical Engineering  
SITYOG INSTITUTE OF TECHNOLOGY  
Aurangabad Bihar-824101





# SITYOG INSTITUTE OF TECHNOLOGY

Growth centre, Jasoiya More, Aurangabad, Bihar 824102(India)

## B. Tech-Computer Science & Engineering

Time table (2022-23) - EVEN

Year/Sem : 4<sup>TH</sup> / 8<sup>TH</sup>

WEE- 29/05/2023

Period	I	II	III	IV	V	VI
DAY/TIME	09:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30	12:30-01:30	01:30-02:20 02:20-03:10
Monday	CC	RTS	ICS	ES	L	Project Project lab
Tuesday	CC	RTS	ICS	ES	U	Project Project lab wo
Wednesday	CC	RTS	ICS	ES	N	Project Project lab wo
Thursday	CC	RTS	ICS	ES	C	Project Project lab wo
Friday	CC	RTS	ICS	ES	H	Project Project lab wo
Saturday	CC	RTS	ICS	ES		Project Project lab wo

S. NO.	SUBJECT NAME	ABBREVIATION	FACULTY NAME
1	CLOUD COMPUTING	CC	DR. S K JHA
2	INTRODUCTION TO COMMUNICATION SYSTEM	ICS	SHWETA KIRAN
3	EMBEDDED SYSTEM	ES	RANJEET PANDEY
4	REAL TIME SYSTEM	RTS	SHALINI KUMARI
5	PROJECT		SAROJ RANJAN
6	PROJECT LAB WORK		SAROJ RANJAN

HOD:

*HEAD* 27/05/2023

TIME TABLE IN-CHARGE

*Kanjeet*

DIRECTOR

*Deviash Kumar*

Department of Computer Science  
Sityog Institute of Technology  
Aurangabad (Bihar)





# SITYOG GROUP OF INSTITUTIONS

Growth Center, Jasoiya More  
Aurangabad (Bihar)-824102



## ATTENDANCE REGISTER

NAME OF THE TEACHER Ashutosh Kumar

BRANCH Mechanical Engg. SEMESTER 8<sup>th</sup>

SUBJECT Safety Management.

SESSION 2022-23.

*Rajesh Kumar*











# SITYOG GROUP OF INSTITUTIONS,

Growth Center, Jasoiya More,  
ATTENDANCE REGISTER

# JASOIYA MORE (AURANGABAD)

Aurangabad, Phar-824102  
SESSION.....2023

Month ..May..2023

Roll No.	NAME OF STUDENT	Sl. No. Date/ Time	1	2	3	4	5	6	7	8	9	10	Teachers Signature
01	Amish Kumar Singh	24	25	26	27	28	29	30	31	32	33	34	
02	Arjun Kumar	21	22	23	24	25	26	27	28	29	30	31	
03	Pranshu Kumar	24	25	26	27	28	29	30	31	32	33	34	
04	Pranshu Kumar	26	27	28	29	30	31	32	33	34	35	36	
05	Shubham Kumar Singh	24	25	26	27	28	29	30	31	32	33	34	
06	Dileep Kumar	28	29	30	31	32	33	34	35	36	37	38	
07	Om Prakash Singh	25	26	27	28	29	30	31	32	33	34	35	
08	Amish Kumar	28	29	30	31	32	33	34	35	36	37	38	
09	Rakesh Kumar Singh	28	29	30	31	32	33	34	35	36	37	38	
10	Ashutosh Ravi	28	29	30	31	32	33	34	35	36	37	38	
11	Santay Kumar	28	29	30	31	32	33	34	35	36	37	38	
12	Sandeep Kumar	28	29	30	31	32	33	34	35	36	37	38	
13	Pranshu Kumar	28	29	30	31	32	33	34	35	36	37	38	
14	Sandeep Kumar	28	29	30	31	32	33	34	35	36	37	38	
15	Bobby Kumar	28	29	30	31	32	33	34	35	36	37	38	
16	Sahib Kumar	28	29	30	31	32	33	34	35	36	37	38	
17	Nikhil Kumar	28	29	30	31	32	33	34	35	36	37	38	
18	Tinay Kumar	28	29	30	31	32	33	34	35	36	37	38	
19	Kamlesh Kumar	28	29	30	31	32	33	34	35	36	37	38	
20	Pranshu Kumar	28	29	30	31	32	33	34	35	36	37	38	
21	Pranshu Kumar	28	29	30	31	32	33	34	35	36	37	38	
22	Pranshu Kumar	28	29	30	31	32	33	34	35	36	37	38	



Roll No.	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	TOTAL	
23	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	83.9%
24	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	83.9%
25	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	80.35%
26	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	80.35%
27	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	82%
28	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	78.5%
29	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	82%
30	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	82%
31	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	80.35%
32	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	83.9%
33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	83.9%
34	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	82%
35	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	83.9%
36	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	82%
37	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	82%
38	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	80.35%
39	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	82%
40	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	80.35%
41	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	82%
42	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	82%
43	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	80.35%
44	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	82%
45	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	82%
46	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	80.35%
47	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	82%
48	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	82%
49	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	80.35%
50	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	82%
51	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	82%
52	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	80.35%



# SITYOG INSTITUTE OF TECHNOLOGY

Growth center, Jasoiya More, Aurangabad, Bihar - 824102

## NOTICE

This is to inform all the students of B-tech (1<sup>ST</sup>, 3<sup>RD</sup>, 5<sup>TH</sup> SEM) that Mid-Term Exam will be held from 17.04.2023 to 18.04.2023. Students must write the mid-term exam otherwise a fine of Rs 400/- per paper will be imposed. In the event of failure to appear in the examination of all papers, a fine of Rs.2000 will be imposed. The time table of respective semester will be published on 14.04.2023.

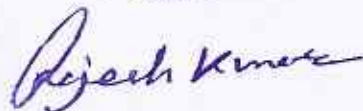
cc to,

Hon'ble Chairman Sir for information  
Director  
Principal  
All H.O.D's  
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C.OLE

(S. I. T, Aurangabad)  
**Examination Controller**  
S.I.T., Aurangabad





  
12/04/23

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Aurangabad (Bihar)



## FOR FACULTY

All faculty members of respective subjects are requested to submit the question paper of B.Tech (1<sup>ST</sup>, 3<sup>RD</sup>, & 5<sup>TH</sup> SEM.) before 14.04.2023 as per the given format to the Respective H.O.D.

### FORMAT FOR PREPARATION OF QUESTION PAPERS

#### B.TECH

1. Full marks - 30.
2. Total no. of question - 07( Attempt any five)
3. Question no. 01 is compulsory and must be of objective type. (Total seven questions. Attempt any six. Each question carries one mark.
4. There are six questions in subjective. Attempt any four. Each question carries six marks.



*Rajesh Kumar*

# SITYOG INSTITUTE OF TECHNOLOGY

Growth center, Jasoiya More, Aurangabad, Bihar - 824102

## NOTICE

This is to inform all the students of B-tech 7<sup>TH</sup> SEM that Mid-Term Exam will be held from 20.03.2023 to 22.04.2023. Students must write the mid-term exam otherwise a fine of Rs 400/- per paper will be imposed. In the event of failure to appear in the examination of all papers, a fine of Rs.2000 will be imposed. The time table of respective semester will be published on 16.03.2023.

cc to,

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13/03/23  
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# SITYOG INSTITUTE OF TECHNOLOGY

Growth Center, Jasoia More, Aurangabad, Bihar - 824102

## NOTICE

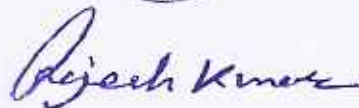
This is to inform all the students of B.TECH - 2<sup>ND</sup> SEM. that Mid-Term Exam will be held from 07.08.2023 to 08.08.2023. Students must write the Mid-Term Exam otherwise a fine of Rs 400/- per paper will be imposed. In the event of failure to appear in the Examination of all papers, a fine of Rs.2000/- will be imposed. The time table of respective semester will be published on 05.08.2023.

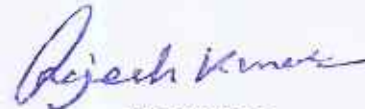
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## FOR FACULTY

All faculty members of respective subjects are requested to submit the question paper of B. Tech - 2<sup>nd</sup> sem. before 04.08.2023 as per the given format to the Respective H.O.D.

### FORMAT FOR PREPARATION OF QUESTION PAPERS

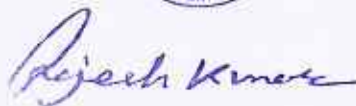
#### B. TECH

1. Full marks - 30.
2. Total no. Of question - 07( Attempt any five)
3. Question no. 01 is compulsory and must be of objective type. (Total seven questions. Attempt any six. Each question carries one mark.
4. There are six questions in subjective. Attempt any four. Each question carries six marks.

  
07/08/23  
Examination Controller  
S.I.T., Aurangabad

Principal  
Sityog Institute Of Technology  
Aurangabad (Bihar)









सीतयोग प्रौद्योगिकी संस्थान, औरंगाबाद , बिहार  
**SITYOG Institute of Technology AURANGABAD, BIHAR**

## NOTICE

This is to inform all the students of B.TECH - 4<sup>th</sup> & 6<sup>th</sup> sem. That mid-Term Exam will be held from 19.10.2023(Thursday) to 21.10.2023 (Saturday). Students must write the Mid-Term Exam otherwise a fine of RS 400/ per paper will be imposed. In the event of failure to appear in the Examination of all papers, a fine of Rs.2000/-will be imposed.

cc to,

Hon'ble Chairman Sir for information  
Director  
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13/10/23  
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S.I.T., Aurangabad



  
13/10/23  
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(S.I.T, Aurangabad)

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Aurangabad, Bihar

# SITYOG INSTITUTE OF TECHNOLOGY

Growth center, Jasoiya More, Aurangabad, Bihar - 824102

## NOTICE

This is to inform all the students of B-tech 8<sup>TH</sup> SEM that Mid-Term Exam will be held from 07.08.2023 to 09.08.2023. Students must write the mid-term exam otherwise a fine of Rs 400/- per paper will be imposed. In the event of failure to appear in the examination of all papers, a fine of Rs.2000 will be imposed. The time table of respective semester will be published on 04.08.2023.

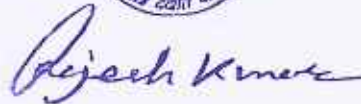
cc to,

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01/08/23  
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S.I.T., Aurangabad





  
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# SITYOG INSTITUTE OF TECHNOLOGY

Growth center, Jasoia More, Aurangabad, Bihar - 824102

## NOTICE

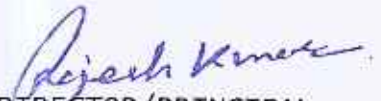
This is to inform all the students of BBA/BCA 1<sup>TH</sup> & 5<sup>TH</sup> SEM that Mid-Term Exam will be held from 06.02.2023 to 08.02.2023. Students must write the mid-term exam otherwise a fine of Rs 400/- per paper will be imposed. In the event of failure to appear in the examination of all papers, a fine of Rs.2000 will be imposed. The time table of respective semester will be published on 03.02.2023.

cc to,

Hon'ble Chairman sir for information  
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# SITYOG INSTITUTE OF TECHNOLOGY

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## NOTICE

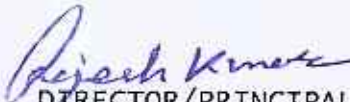
This is to inform all the students of BBA/BCA 3<sup>RD</sup> SEM that Mid-Term Exam will be held from 08.05.2023 to 10.05.2023. Students must write the mid-term exam otherwise a fine of Rs 400/- per paper will be imposed. In the event of failure to appear in the examination of all papers, a fine of Rs.2000 will be imposed. The time table of respective semester will be published on 04.05.2023.

cc to,

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# SITYOG INSTITUTE OF TECHNOLOGY

Growth center, Jasoiya More, Aurangabad, Bihar - 824102

## NOTICE

This is to inform all the students of BBA/BCA 2<sup>ND</sup> & 4<sup>TH</sup> SEM that Mid-Term Exam will be held from 07.08.2023 to 09.08.2023. Students must write the mid-term exam otherwise a fine of RS 400/- per paper will be imposed. In the event of failure to appear in the examination of all papers, a fine of Rs.2000 will be imposed. The time table of respective semester will be published on 04.08.2023.

cc to,

Hon'ble Chairman Sir for information  
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(S. I. T, Aurangabad)

Examination Controller:

S. I. T., Aurangabad



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(S. I. T, Aurangabad)

Principal

Sityog Institute Of Technology,  
Aurangabad, Bihar)



# SITYOG INSTITUTE OF TECHNOLOGY

Growth center, Jasoiya More, Aurangabad, Bihar - 824102

## NOTICE

This is to inform all the students of BBA/BCA 6<sup>TH</sup> SEM that Mid-Term Exam will be held from 29.05.2023 to 31.05.2023. Students must write the mid-term exam otherwise a fine of Rs 400/- per paper will be imposed. In the event of failure to appear in the examination of all papers, a fine of Rs.2000 will be imposed. The time table of respective semester will be published on 26.05.2023.

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S. I. T. Aurangabad



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**SITYOG INSTITUTE OF TECHNOLOGY**  
AURANGABAD, BIHAR

Mid-Term Examination, 2023

Subject : Cryptography

Class : CSE -6th Sem

Time- 1 hrs.

Full Marks -20

**INSTRUCTIONS:-**

- There are **SIX** questions in this paper. Attempt **Four** questions in all.
- Question No. 1 is compulsory (Total six questions. Attempt any five. Each question carries one mark.)

**Group A**

**Que 1 Attempt any five Question**

**5X1 = 5**

- 1) The Codified language can be termed as -----  
i) Clear Text    ii) Under-text    iii) Code Text    iv) Cypher Text
- 2) Caesar Cipher is an example of -----  
i) Substitution Cypher    ii) Transposition Cypher    iii) Both    iv) None
- 3) The -----attack, there is no modification to message contents.  
i) Interruption    ii) Fabrication    iii) Modification    iv) Interruption
- 4) In ----- attacks , there is no modification to message contents.  
i) Passive    ii) active    iii) both    iv) none
- 5) Interruption attacks are called as----- attacks  
i) Masquarades    ii) Alteration    iii) DoS    iv) Replay
- 6) DOS attacks are caused by -----  
i) Authentication    ii) Alteration    iii) Fabrication    iv) Replay

**Group B Answer any 3 Question**

**3X5=15**

1. What is session hijacking .
2. Distinguish between Symmetric and Asymmetric cryptography?
3. Explain Rail fence Algorithm?
4. Explain two basic ways to transform plaintext to cipher text?
5. What is Steganograpy?



*Rajesh Kumar*

Subject: ENGINEERING MECHANICS  
Semester: I  
Time: 1.5 Hour

Subject Code: 2002205  
Branch: Diploma Civil  
Date: 19.10.2023  
Total Marks- 30

### Class Test 1

Attempt all Questions

7\*2=14

1. S.I unit of Force is

- a) Joule                      b) Pascal                      c) Watt                      d) Newton

2. Branch of mechanics which relates to bodies in motion without any reference to force is called.

- a) Static                      b) Kinematics                      c) Kinetics                      d) All

3. The set of force, whose resultant is zero, are known as

- a) Collinear Forces      b) Coplanar Forces      c) Equilibrium Force      d) None

4. Which of the following a scalar quantity?

- a) Acceleration      b) Force      c) Velocity      d) Mass

5. Which of the following a scalar quantity?

- a) Energy      b) Mass      c) Work      d) Force

6. A body does not deform under a normal load is called

- a) Rigid Body      b) Plastic Body      c) Both a and b      d) None

7. SI unit of Mass is

- a) Pound      b) Kilogram      c) Gram      d) All

Attempt any 2 Questions

2\*4=8

1. Define the terms:

- a) Statics Force  
b) Dynamics Force  
c) Force System

2. Differentiate between

- a) 'Kinematics' and 'Kinetics'  
b) 'Mass' and 'Weight'

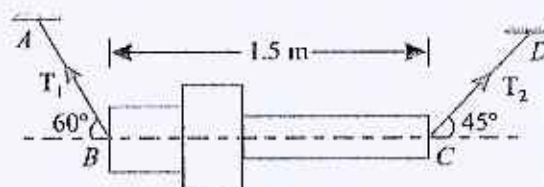
3. Define 'Scalar' and 'Vector' quantities. Give some examples for each

Attempt any 1 Questions

1\*8=8

1. Two forces act at an angle of  $120^\circ$ . The bigger force is of 40 N and the resultant is perpendicular to the smaller one. Find the smaller force.

2. A machine component 1.5 m long and weight 1000 N is supported by two ropes AB and CD as shown in Fig. given below. Calculate the tensions  $T_1$  and  $T_2$  in the ropes AB and CD.



*Rajesh Kumar*



**SITYOG Institute of Technology, Aurangabad- Bihar**  
**STUDENT FEEDBACK FORM**

Students have to mark in terms of- POOR-1, AVERAGE-2, GOOD-3, VERY GOOD-4, EXCELENT-5

Session - 2022 - 23 Semester- 3rd

Subject- math Subject Code- \_\_\_\_\_

Faculty Name- Amit Kumar

Students Name and Registration No/ Roll No. - Ansh Kumar Tiwari  
P211051060251 21CSE21

	1	2	3	4	5
<b>A. Subject Matter</b>					
The depth of coverage of the subject was adequate?					✓
Does the teacher have mastery over the course content?				✓	✓
The teacher's overall organization and presentation of the subject was very clear?				✓	✓
How well prepared was the teacher for each class?				✓	✓
Notes / PPT given for each UNIT				✓	✓
<b>B. Teacher – Leading Process</b>					
The teacher began classes in time					✓
The teacher used the class hour effectively					✓
All the daily lectures (or class work) were well organized and in a meaningful sequence				✓	✓
The explanation were clear and to the point				✓	✓
The teacher encouraged participation and discussion by students					✓
All units of the course were completed in time					✓
The teachers method of teaching made the lecture interesting				✓	✓
The teachers communication ability was satisfactory				✓	✓
The teacher's attitude toward the student was friendly & helpful					✓
The question of the examination were explained after exam					✓
The Previous year University questions solved and explained					✓
Was the teacher concerned and helpful regarding the progress of his students?					✓
Was the teacher used innovative approach and promote the interactive process in teaching?				✓	✓



*Amit Kumar*

*SK*  
Head of Department  
**SITYOG**  
Department of Computer Science  
Sityog Institute of Technology  
Aurangabad (Bihar)

**SITYOG Institute of Technology, Aurangabad- Bihar**  
**STUDENT FEEDBACK FORM**

Students have to mark in terms of- POOR-1, AVERAGE-2, GOOD-3, VERY GOOD-4, EXCELENT-5

Session - 2022-2023 Semester- 3<sup>rd</sup>

Subject- Biology Subject Code- \_\_\_\_\_

Faculty Name- SHWETA SINHA

Students Name and Registration No/ Roll No.-

Prince Kumar , 21102106009 , 21ME009

	1	2	3	4	5
<b>A. Subject Matter</b>					
The depth of coverage of the subject was adequate?					✓
Does the teacher have mastery over the course content?					✓
The teacher's overall organization and presentation of the subject was very clear?					✓
How well prepared was the teacher for each class?					✓
Notes / PPT given for each UNIT					✓
<b>B. Teacher - Leading Process</b>					
The teacher began classes in time					✓
The teacher used the class hour effectively					✓
All the daily lectures (or class work) were well organized and in a meaningful sequence					✓
The explanation were clear and to the point					✓
The teacher encouraged participation and discussion by students					✓
All units of the course were completed in time					✓
The teachers method of teaching made the lecture interesting					✓
The teachers communication ability was satisfactory					✓
The teacher's attitude toward the student was friendly & helpful					✓
The question of the examination were explained after exam					✓
The Previous year University questions solved and explained					✓
Was the teacher concerned and helpful regarding the progress of his students?					✓
Was the teacher used innovative approach and promote the interactive process in teaching?					✓



*Prakash Kumar*

Head of Department

*Prakash Kumar*  
HOD  
Department of Mechanical Engineering  
SITYOG INSTITUTE OF TECHNOLOGY  
Aurangabad Bihar-824101



# BIHAR ENGINEERING UNIVERSITY, PATNA

Programme for B.Tech 8<sup>th</sup> Semester Special Examination 2023

Exam Id:- 230109

Patna, Date:- 14.11.2023

Day & Date	1 <sup>st</sup> Sitting ( 10:00 AM to 01:00 PM)		2 <sup>nd</sup> Sitting ( 02:00 PM to 05:00 PM)	
	Paper Code	Paper	Paper Code	Paper
Tuesday, 28 Nov 2023	011724	TRANSPORTATION ENGINEERING-II	021202	ENGINEERING GRAPHICS
	031712	LINEAR CONTROL THEORY	051401	OBJECT ORIENTED PROGRAMMING
	061101	FUNDAMENTAL OF INFORMATION TECHNOLOGY	100102	ENGINEERING GRAPHICS & DESIGN
	100101	BASIC ELECTRICAL ENGINEERING	100202	ENGINEERING GRAPHICS & DESIGN
	100201	BASIC ELECTRICAL ENGINEERING	100302	ANALOG ELECTRONIC CIRCUITS
	100303	BASIC ELECTRONICS ENGINEERING	100306	ELECTRICAL CIRCUIT ANALYSIS
	100314	TECHNICAL WRITING	100312	MATHEMATICS-III (PDF., PROBABILITY AND STATISTICS)
	100502	Control Systems	100806	Microwave Theory and Techniques
	100715	Cyber Law and Ethics	100818	BioMedical Instrumentation
	101302	BASIC ELECTRONICS	101304	ENGINEERING MECHANICS
	101402	Disaster Preparedness & Planning	101501	Analysis and Design of Concrete Structure
	101617	Concrete Materials	101808	Prestressed Concrete
	101704	Building Construction Practice	101813	Pavement Materials
	101707	Surface Hydrology	101830	Bridge Engineering
	101712	Soil Mechanics-II	102607	Mechatronic systems
	101713	Environmental Impact Assessment and Life Cycle Analyses	102609	Composite Materials
	101718	Geographic Information Systems and Science	102805	Gas Dynamics and Jet Propulsion
	101720	Public Transportation Systems	103102	MATHEMATICS - I (CALCULUS AND DIFFERENTIAL EQUATIONS)
	101731	Environmental Laws and Policy	103502	Wind and Solar Energy Systems
	102402	Engineering Materials	103802	Advanced Electric Drives
	102501	Fluid Machinery	104302	ELECTRICAL & ELECTRONIC MATERIAL
	103704	Computational Electromagnetics	104601	Computer Organization and Architecture
	104501	Computer Networks and Security	104806	Analog CMOS VLSI Design
	105501	Artificial intelligence	104810	Power Electronics
	105714	Virtual Reality	104812	Transducers and Sensors
	105718	Human Computer Interaction	110501	Analog & Digital Communication System
	106806	Management Information System	110801	Fiber Optic Communications
	110706	Power System II	110804	Smart Grid
	110729	Artificial Neural Network	110806	Wind and Solar Energy Systems
	011827	CONSTRUCTION PLANNING AND MANAGEMENT	021407	THERMODYNAMICS
100613	Electrical Drives	031616	UTILIZATION OF ELECTRICAL POWER	
101202	MATHEMATICS - II (DIFFERENTIAL EQUATIONS)	100104	PROGRAMMING FOR PROBLEM SOLVING	
101303	COMPUTER AIDED CIVIL ENGINEERING DRAWING	100204	PROGRAMMING FOR PROBLEM SOLVING	
101308	SURVEYING & GEOMATICS	100610	Computer Graphics	
101405	Introduction to Solid Mechanics	100611	Computer Architecture	
101502	Environmental Engineering -I	100614	Digital Image & Video Processing	
101703	Pavement Design	100812	Cyber Security	
101814	Construction Cost Analysis	101607	Energy Science & Engineering	
102403	Fluid Mechanics	101608	Highway Construction and management	
102502	Heat Transfer	101612	Design of hydraulic structures/Irrigation	

*Part*



*Devesh Kumar*



Wednesday, 29 Nov 2023	103202	MATHEMATICS - II (LINEAR ALGEBRA, TRANSFORM CALCULUS AND NUMERICAL METHODS)	101613	Engineering
	104503	Linear Control Systems	101619	Water Quality Engineering
	104607	Scientific computing	101619	Soil Mechanics-I
	105504	Software Engineering	101623	Airport Planning and Design
	105612	Advanced Data Structures and Algorithms	101715	Groundwater
	105616	Cryptography and Network Security	101721	Traffic Engineering and Management
	105701	Data Science	102605	Automation in Manufacturing
			103708	Electronic Devices
			104504	Linear Integrated Circuits and Applications
			105604	Graph Theory
			105606	Introduction To Java Programming Language
			105614	Web and Internet Technology
			105713	Cyber Security
			110608	Electrical Energy Conservation and Auditing
		110609	Electrical Machine Design	
Thursday, 30 Nov 2023	100301	Biology for Engineers	100103	CHEMISTRY
	100507	Power Systems-I (Apparatus and Modelling)	100203	CHEMISTRY
	100601	Biology for Engineers	100305	Digital Electronics
	100708	Biology for Engineers	100403	Digital Electronics
	101406	Materials, Testing & Evaluation	101602	Construction Engineering & Management
	101503	Geotechnical Engineering -I	102601	Design of Machine Elements
	101710	Concrete Technology	104505	Microprocessors and Microcontrollers
	102102	MATHEMATICS - I (CALCULUS AND LINEAR ALGEBRA)	105502	Database Management Systems
	102202	MATHEMATICS - II (ODE & COMPLEX VARIABLES)	110601	Measurements and Instrumentation
	102405	Strength of Materials		
	102503	Kinematics of Machine		
	103807	Strength of Materials		
	105102	MATHEMATICS - I (CALCULUS AND LINEAR ALGEBRA)		
	110728	Electrical Safety		
211404	NUMERICAL METHODS AND COMPUTATIONAL TECHNIQUE			
Friday, 01 Dec 2023	100313	OBJECT ORIENTED PROGRAMMING USING C++	100508	Professional Skill Development
	100504	Microprocessor	100608	Professional Skill Development
	101102	MATHEMATICS - I (CALCULUS, MULTIVARIABLE CALCULUS AND LINEAR ALGEBRA)	101101	PHYSICS (MECHANICS)
	101504	Hydraulic Engineering	101505	Hydrology & Water Resources Engineering
	102705	Automobile Engineering	102101	PHYSICS (ELECTROMAGNETISM)
	103714	Automobile Engineering	102602	Dynamics of Machinery
	104506	Probability Theory and Stochastic Processes	103201	PHYSICS (WAVE AND OPTICS AND INTRODUCTION TO QUANTUM MECHANICS)
	105503	Formal Language & Automata Theory	104602	Digital Communication
	105505	Seminar	105601	Compiler Design
	105602	Machine Learning	106501	Compiler Design
	105617	Mobile and Wireless Computing		
	105707	E-Commerce and ERP		
	106704	Mobile and Wireless Computing		
	110727	OBJECT ORIENTED PROGRAMMING USING C++		
110819	E-Commerce and ERP			

*Beve*



*Bejesh Kumar*



Saturday 02 Dec 2023	101507	Transportation Engineering	100607	Introduction to VLSI Design
	101801	Urban Transportation Planning	101506	Mechanics of Materials
	101802	Geometric Design of Highways	102603	Manufacturing Technology
	101805	River Engineering	104703	Wireless Communication
	102610	Power Plant Engineering		
	103712	Power Plant Engineering		
	104705	Optical Fiber Communications		
	104706	Micro- and Nano-electronics		
	104708	High Speed Electronics		
	104709	Digital System Design		
104710	VLSI Technology			
104711	Information and Coding Theory			
110807	Power Plant Engineering			
Monday 04 Dec 2023	101605	Environmental Engineering-II	100106	ENGLISH
	102703	Computer Aided Design	100206	ENGLISH
	103601	Power Systems - II (Operation and Control)	100506	Power Electronics
	104604	Electronics Instruments and Measurement	101606	Geotechnical Engineering -II
			102611	Renewable Energy Systems
		104606	Digital CMOS VLSI Design	
Tuesday 05 Dec 2023	100814	Internet of Things	100716	Data Structure & Algorithms
	101604	Engineering Economics, Estimation & Costing	101603	Design of Steel Structure
	102808	Non-Conventional Manufacturing	102701	Internal Combustion Engines
	103606	Industrial Electrical Systems	103605	High Voltage Engineering
	105705	Internet of Things	103801	Electrical and Hybrid Vehicles
	110704	Industrial Electrical Systems	104702	Cost Management of Engineering Projects
110719	Internet of Things	110703	High Voltage Engineering	
		110709	Electrical and Hybrid Vehicles	
Wednesday 06 Dec 2023	100704	Electromagnetic Waves	100105	WORKSHOP MANUFACTURING PRACTICES
	100817	Cloud Computing	100205	WORKSHOP MANUFACTURING PRACTICES
	100819	Satellite Communication	100602	Computer Networks
	101722	Foundation Engineering	101701	Professional Practice, Law & Ethics
	102504	Manufacturing Processes	102706	Operations Research
	102801	Principles of Management	103804	Computer Networks
	103703	Digital Signal Processing	104701	Business Analytics
	104804	Wireless Sensor and Networks	110715	Computer Networks
105818	High Performance Computing			
Thursday 07 Dec 2023	011852	IRRIGATION ENGINEERING	011849	ENVIRONMENTAL IMPACT ASSESSMENT
	100713	Soft Skills and Interpersonal Communication	100710	Antennas and Wave Propagation
	100714	Human Resource Development and Organizational Behaviour	100813	Big Data Analytics
	100808	Total Quality Management	101818	Railway Engineering
	102802	Design of Transmission Systems	102702	Refrigeration and Air Conditioning
	103701	Power System Protection	103715	Electrical Materials
	104502	Digital Signal Processing	105801	Data Mining
	110803	Power System Protection	105811	Real Time Systems
			110810	Electrical Materials
Friday 08 Dec 2023	100802	Control Systems Design	011841	INDUSTRIAL WASTE TREATMENT
	100804	Power Quality and FACTS	100811	Introduction to Communication Systems
	100816	Bitcoin and Crypto Currencies	100815	Digital Image Processing
	101825	Rural Water Supply and Onsite Sanitation Systems	101838	Economic Policies in India
	101827	Construction Engineering Materials	102807	Safety Management



*Praveen*

*Rajesh Kumar*

Friday 08 Dec 2023	101828	Solid and Hazardous Waste Management	105819	Ad-hoc and Sensor Networks
	101839	Metro Systems and Engineering		
	102804	Energy Conservation and Management		
	105812	Block Chain		
	105814	Information Retrieval		
	105816	Embedded Systems		
Saturday 09 Dec 2023	100606	Digital Signal Processing		
	101803	Contracts Management		

- Note: 1. Sessional/Practical/Viva-Voce Exam will be held from 11-12-2023 to 13-12-2023 and IA & External Marks should be uploaded during the same period.  
2. Submit the hard copy of Sessional/Practical/Viva-Voce marks within 72 hours after completion of the examination.

By Order of the Vice-Chancellor  
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Examination Controller  
Bihar Engineering University  
Patna

Memo No.:- BEU /Exam/2023/3205

Patna, Dated 14-11-2023

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Examination Controller  
Bihar Engineering University  
Patna







# BIHAR ENGINEERING UNIVERSITY, PATNA

Programme for B. Tech 4<sup>th</sup> Semester Examination 2023

Time of Examination: 10:00 AM to 01:00 PM

Patna, Date: - 14-11-2023

Exam Id: - 230104

Day & Date	Paper Code	Paper
Tuesday, 28 Nov 2023	101401	Civil Engineering-Societal & Global Impact
	100401	Biology for Engineers
	111403	Biology for Engineers
	100404	Discrete Mathematics
	104404	Electromagnetic Theory
	100406	Formal language & Automata Theory
	107401	Analytical Chemistry of Leather
	102401	Applied Thermodynamics
Thursday, 30 Nov 2023	101402	Disaster Preparedness & Planning
	104401	Analog circuits
	110401	Analog Electronics
	111406	Analog electronics
	100403	Digital Electronics
	106402	Database management System
	107402	Biochemistry of protein
	102402	Engineering Materials
Saturday, 02 Dec 2023	101403	Engineering Geology
	100407	Human Resource Development and Organizational Behavior
	110402	Electrical Machines - II
	103402	Electrical Machines - II
	104403	Digital Circuits
	107403	Chemical Engineering-I
	102403	Fluid Mechanics
	101404	Introduction to Fluid Mechanics
Monday, 04 Dec 2023	105401	Computer Organization & Architecture
	106401	Computer Organization & Architecture
	110406	Signals and systems
	103404	Signals and Systems
	104402	Analog Communication
	111401	Analog Communication
	107404	Principles of Inorganic Tannage
	102404	Instrumentation & Control
Wednesday, 06 Dec 2023	101405	Introduction to Solid Mechanics
	105402	Design & Analysis of Algorithms
	110404	Mathematics - III (Probability and Statistics)
	103403	Mathematics - III (Probability and Statistics)
	104405	Semiconductor Physics and Devices
	106403	Machine Learning
	111402	Measurement & Instrumentation
	107405	Theory & Practices of preservation and pre tanning processes
Friday, 08 Dec 2023	102405	Strength of Materials
	101406	Materials, Testing & Evaluation
	105403	Operating Systems
	103401	Electrical and Electronics Measurement
	110405	Microprocessors
	101407	Mechanical Engineering
Monday, 11 Dec 2023	110403	Industrial Economics & Foreign Trade
	110407	Engineering Economics & Accountancy
	110408	Organizational Behavior & Industrial Psychology
	110409	Principle Of Management, Entrepreneurship & IPR

*PK*



*Rajesh Kumar*

Note: Sessional/Practical/Viva-Voce Exam will be held from 14-12-2023 to 16-12-2023 and IA & External Marks should be uploaded during the same period.

**Important Note**

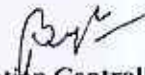
- Online Examination Form will be filled from 23-11-2023 to 25-11-2023.
- Last date of Examination Form (hard copy) submission 26-11-2023 at university.
- Attached the Caste Certificates for SC/ST Candidates.
- Submit the hard copy of Internal/Viva/Oral/Practical/Clinical within 72 hours after completion of the examination.

By Order of the Vice-Chancellor  
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Bihar Engineering University  
Patna

Memo No.: - BEU /Exam/2023/.....<sup>3206</sup>

Patna, Dated 14-11-2023

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Bihar Engineering University  
Patna







# BIHAR ENGINEERING UNIVERSITY, PATNA

Programme for B. Tech 6<sup>th</sup> Semester Examination, 2023

Time of Examination: 02:00 PM to 05:00 PM

Exam Id: - 230106

Date: - 14.11.2023

Day & Date	Paper Code	Paper
Tuesday, 28 Nov 2023	101602	Construction Engineering & Management
	105601	Compiler Design
	100606	Digital Signal Processing
	104601	Computer Organization and Architecture
	106601	Software Engineering
	111601	Industrial Instrumentation
	107601	Chemical Engineering-III
Thursday, 30 Nov 2023	102601	Design of Machine Elements
	101603	Design of Steel Structure
	105602	Machine Learning
	100607	Introduction to VLSI Design
	104602	Digital Communication
	100610	Computer Graphics
	106602	DIP Using MATLAB
	106603	Data Mining
	106604	Embedded Systems
	111602	Analytical Instrumentation
Saturday, 02 Dec 2023	107602	Finance and accounting (Humanities)
	102602	Dynamics of Machinery
	101604	Engineering Economics, Estimation & Costing
	100610	Computer Graphics
	105603	Signals and Systems
	105604	Graph Theory
	105606	Introduction To Java Programming Language
	105607	Probability and Statistical Inference
	105608	Numerical Methods
	105609	Information Theory and Coding
	100608	Professional Skill Development
	104604	Electronics Instruments and Measurement
	106606	XML based applications
	106607	Advance Java
	106608	Web Mining
	106609	Web Technology
	106610	Python for data science
	106611	Responsive web design using PHP & MySQL
	107604	Leather finishing materials and Auxiliaries
	102603	Manufacturing Technology
Monday, 04 Dec 2023	101605	Environmental Engineering-II
	105610	Soft Computing
	105611	Distributed Database
	105612	Advanced Data Structures and Algorithms
	105613	Advance Java Programming Language
	105614	Web and Internet Technology
	105615	Multimedia Technology and its Applications
	105616	Cryptography and Network Security
	105617	Mobile and Wireless Computing
	110601	Measurements and Instrumentation
	103601	Power Systems – II (Operation and Control)
	100614	Digital Image & Video Processing
	104606	Digital CMOS VLSI Design
	104607	Scientific Computing
	111603	Computer Networks and Security
	107605	Practices of Leather manufacturing -II
	102605	Automation in Manufacturing

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*Rajesh Kumar*



# BIHAR ENGINEERING UNIVERSITY, PATNA

Programme for B. Tech 6<sup>th</sup> Semester Examination, 2023

Time of Examination: 02:00 PM to 05:00 PM

Wednesday, 06 Dec 2023	101606	Geotechnical Engineering -II
	100611	Computer Architecture
	100614	Digital Image & Video Processing
	110602	Advanced Electric Drives
	110608	Electrical Energy Conservation and Auditing
	100611	Computer Architecture
	100613	Electrical Drives
	103603	Line Commutated and Active Rectifiers
	111604	Instrumentation in Process Industries
	107606	Principles of Material Testing
	102606	Process Planning and Cost Estimation
	102608	Microprocessor in automation
	102610	Power Plant Engineering
	Friday, 08 Dec 2023	101607
101608		Highway Construction and management
101609		Construction Productivity
101610		Ecological Engineering
101611		Environmental Systems
101612		Design of hydraulic structures/ Irrigation Engineering
101613		Water Quality Engineering
101614		Reliability Analysis of Structures
101615		Engineering Risk & Uncertainty
101616		Engineering Materials for sustainability
101617		Concrete Materials
101618		Structural Analysis - I
101619		Soil Mechanics - I
101620		Transportation Economics
101621		Infrastructure planning and Design
101622		Repairs & rehabilitation of structures
101623		Airport Planning and Design
101624		High speed Rail Engineering
101625		Metal structure Behaviour - I
100612		Digital Control Systems
100613		Electrical drives
110603		Computational Electromagnetics
110609		Electrical machine Design
100612		Digital Control Systems
103605	High Voltage Engineering	
103606	Industrial Electrical Systems	
111605	Artificial Intelligence	
102607	Mechatronic systems	
102609	Composite Materials	
Monday, 11 Dec 2023	102611	Renewable Energy Systems

Note: 1. Sessional/Practical/Viva-Voce Exam will be held from 12-12-2023 to 16-12-2023 and IA & External Marks should be uploaded in the same duration.

### Important Notice

- Online Examination Form will be filled from 23-11-2023 to 25-11-2023.
- Last date of Examination Form (hard copy) submission 26-11-2023 at university.
- Attached the Caste Certificates for SC/ST Candidates.
- Submit the hard copy of Internal/Viva/Oral/Practical/Clinical within 72 hours after completion of the examination.



Page 2 of 3

*Part*

*Rejeesh Kumar*



# **BIHAR ENGINEERING UNIVERSITY, PATNA**

Programme for B. Tech 6<sup>th</sup> Semester Examination, 2023

Time of Examination: 02:00 PM to 05:00 PM

By Order of the Vice-Chancellor


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Bihar Engineering University  
Patna

Memo No.: - BEU /Exam/2023/.....<sup>3207</sup>.....

Dated .....<sup>14-11-2023</sup>.....

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*Rajesh Kumar*



## ARYABHATTA KNOWLEDGE UNIVERSITY, PATNA

Revised Programme for the BBA/BCA/BCP/BA(JMC)/BBA(IB) 1st Semester Examination, 2022

Time of Examination: 02:00 PM to 05:00 PM

Exam ID: 223126

Patna, Dated: 27/04/2023

Day & Date	Paper Code	Paper
Monday, 8 May 2023	302106	Communicative English
	303101	Communicative English
	313106	Communicative English
	363101	Communicative English
	364101	Communicative English
Wednesday, 10 May 2023	302101	Principles & Practices of Management
	303102	Basic Mathematics
	313101	Financial Accounting - I
	363102	Principles & Practices of Management
Friday, 12 May 2023	302102	Micro-Economics
	313102	Business Economics
	363103	Micro-Economics
Monday, 15 May 2023	302103	Macro-Economics
	303103	Information Technology & Application
	313103	Business Organization and Management
	364102	General Arts
Wednesday, 17 May 2023	302104	Information Technology in Management-I
	303104	Principles of Management & Organization
	313104	Business Statistics
	363104	Mathematics for Business
Friday, 19 May 2023	364104	Radio Broadcasting
	302105	Marketing Management-I
	303105	Python Programming
	303106	Problem Solving & Programming Concept
	313105	Basic Spreadsheet Concepts
363105	Marketing Management	
364103	Introduction to Communication	

Sessional/Practical will be held from 20.05.2023 TO 31.05.2023 and IA & External Marks should be uploaded in same duration.


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Patna

No. 005/Exam/008/AKU/2022- 1729

Patna, Dated: 27/04/2023

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# ARYABHATTA KNOWLEDGE UNIVERSITY, PATNA

Revised Programme for the BBA/BCA/BCP/BA(JMC)/BBA(IB) 2nd Semester Examination, 2023

Time of Examination: 10:00 AM to 01:00 PM

Exam ID: 233239

Patna, Dated: 27/09/2023

Day & Date	Paper Code	Paper
Friday, 29 September 2023	302205	Information Technology In Management - 2 (Management Information System)
	303205	Operating System & Unix
	363205	Management Accounting for International Business
	313205	Intermediate Spreadsheet Concepts
Tuesday, 3 October 2023	302206	Business English
	313206	Business English
	363206	Management Information System
Thursday, 5 October 2023	302201	Business organization & Environment
	303201	Business English
	313201	Financial Accounting - II
	363201	General Arts
	364201	Basic Marketing Concepts
Monday, 9 October 2023	302203	Human Resource Management - 1 (Organizational Behaviour)
	303203	System Analysis & Design
	313203	Business Mathematics
	363203	Macro-Economics
	364203	Media Education
Tuesday, 10 October 2023	302202	Financial Management - 1(Financial Accounting)
	303202	Mathematics (Numerical Techniques)
	313202	Mercantile [Corporate] Law
	363202	Business organization & Environment
	364202	Social Media and Communication
Thursday, 12 October 2023	302204	Business Maths & Stats - 1 (Mathematical Economics)
	303204	Problem Solving Technique & Programming in C
	313204	It For Accounting
	363204	Organizational Behaviour
	364204	Mass Communication Theories

Note: Clinical/Practical/Viva will be held from 20.09.2023 to 26.09.2023 and IA & External Marks should be uploaded in same duration.

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No. 005/Exam/008/AKU/2022- *C-2245*

Patna, Dated: 27/09/2023

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*Rejesh Kumar*  
Controller of Examinations  
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Patna



*Rejesh Kumar*



# ARYABHATTA KNOWLEDGE UNIVERSITY, PATNA

Revised Programme for the BBA/BCA/BCP/BA (JMC) /BBE (IB) 3rd Semester Examination, 2022

Time of Examination: 10:00 AM to 01:00 PM

Exam ID: 223342

Patna, Dated: 08/06/2023

Day & Date	Paper Code	Paper
Saturday, 17 June 2023	302304	Business Maths & Stats – 2
	303304	Software Engineering
	313304	E-Commerce
	363301	Human Resource Management
	364304	Advertising
Monday, 19 June 2023	302305	Corporate Communication
	303301	Objected Oriented Programming using C++
	313305	Project Appraisal, Finance and Management
	363302	Global Consumer Behaviour
	364305	Communication Hindi (EI - 1)
Wednesday, 21 June 2023	364306	Communication English (EI - 2)
	302306	Business Taxation
	302307	Psychology
	303302	Internet & Web Designing
	363304	Production and Operations Management (EL-1)
	363305	Advertising and Sales Promotion (EL - 2)
	313301	Management Accounting
Friday, 23 June 2023	364301	Public Relations
	302301	Marketing Management – 2
	313302	Taxation Laws
	363306	General Environmental Science (GES)
Monday, 26 June 2023	364302	Print Journalism
	302302	Financial Management – 2
Wednesday, 28 June 2023	302303	Human Resource Management – 2
	303303	Java Programming
	313303	Entrepreneurship
	363303	Business Statistics
	364303	Television Production - I

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Patna

No. 005/Exam/008/AKU/2022- 2293

Patna, Dated: 08/06/2023

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*Rajesh Kumar*  
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Aryabhatta Knowledge University  
Patna



*Rajesh Kumar*





## ARYABHATTA KNOWLEDGE UNIVERSITY, PATNA

Revised Programme for the BBA/BCA/BCP/BA(JMC)/BBA(IB) 4th Semester Examination, 2023

Time of Examination: 2.00 PM to 05.00 PM

Exam ID: 233412

Patna, Dated: 27/09/2023

Day & Date	Paper Code	Paper
Friday, 29 September 2023	302401	Strategic Management
	303401	Relational Data Base Management System
	313401	Cost Accounting
	363401	International Economics
	364401	Television Production - II
Tuesday, 3 October 2023	302402	Production and Operations Management
	303402	Digital Electronics, Computer System Architecture, and Organisation
	313404	Taxation Laws – II
	363402	Service Marketing
	364402	Corporate Communication
Thursday, 5 October 2023	302403	Operations Research And Logistics
	303403	File & Data Structure
	313402	Financial Management
	363403	Money, Banking and Finance
Monday, 9 October 2023	364403	Communication and Development
	302405	Social & Marketing Research
	313405	Business Research Methodology
	363405	Foreign Language (German) (Elective -1)
Tuesday, 10 October 2023	363406	Foreign Language (Franch) (Elective -2)
	302404	Project & Event Management
	303404	Introduction to Statistics
	313403	Auditing
Thursday, 12 October 2023	363404	Research Methodology
	364404	Film Studies
	302406	Entrepreneurship Development Programme [Elective 1]
	302407	Business Ethics, Corporate Governance, & Social Work [Elective 2]

SESSIONAL/PRACTICAL WILL BE HELD FROM 20.09.2023 TO 26.09.2023

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Patna

No. 005/Exam/008/AKU/2022- **C-2244**

Patna, Dated: 27/09/2023

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**ARYABHATTA KNOWLEDGE UNIVERSITY, PATNA**  
Revised Programme for the BBA/BCA/BCP/BMC/BBE 5th Semester Examination, 2022  
Time of Examination: 10:00 AM to 01:00 PM

Exam ID: 223524

Patna, Dated: 27/04/2023

Day & Date	Paper Code	Paper
Monday, 8 May 2023	302503	Security Analysis & Portfolio Management
	303503	Computer Network Data Communication and Client Server Technology
	313503	Principles & Practice of Banking
	315503	Legal Aspects of Business
	316501	Media Criticism
Wednesday, 10 May 2023	302504	E-Commerce
	303504	Business Accounting & ERP
	313504	Principles & Practice of Insurance
	315501	India's Economic Development Since Independence
	316502	Human Rights and Media
Friday, 12 May 2023	302501	Retail Management
	303501	Window Programming using VB.NET
	313501	Financial Institutions, Services and Markets
	315502	Econometrics
Monday, 15 May 2023	302502	Indian Financial System
	303502	Graphics & Multimedia
	313502	Security Analysis & Portfolio Management

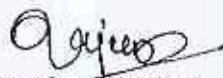
Note: Clinical/Practical/Viva will be held from 16.05.2023 to 27.05.2023 and IA & External Marks should be uploaded in same duration.

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No. 005/Exam/008/AKU/2022- 1728

Patna, Dated: 27/04/2023

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**ARYABHATTA KNOWLEDGE UNIVERSITY, PATNA**  
Programme for the BBA/BCA/BCP/BMC/BBE 6th Semester Examination, 2023  
Time of Examination: 02:00 PM to 05:00 PM

Exam ID: 233602

Patna, Dated: 12/05/2023

Day & Date	Paper Code	Paper
Saturday, 17 June 2023	302604	Business Law and Industrial Relations
	313604	Financial Modeling
	315604	Indian Financial System
Monday, 19 June 2023	303601	Web Technology (Elective 1)
	302601	Services Marketing
	313601	Marketing Management
	315601	Evolution of Economic Thought
	316601	Media Entrepreneurship
Wednesday, 21 June 2023	303602	Concept of Data Mining & Data Warehousing (Elective 2)
	302602	International Finance
	313602	Business Intelligence
	315602	Economics of Growth
	316602	Media Ethics
Friday, 23 June 2023	303603	E-Commerce
	302603	Risk Management
	313603	Business Ethics
	315603	Operation Research
	316603	Television Production - III

Sessional/Practical will be held from 26.06.2023 TO 10.07.2023 and IA & External Marks should be uploaded in same duration.

**Important Note:**


- Last date of Online Examination Form fill up 05.06.2023
- Last date of Examination Form (hard copy) submission 07.06.2022 at University
- Attached the Caste Certificates for SC/ST Candidates.
  
- Submit the hard copy of Internal/Viva/Oral/Practical/Clinical within 72 hours after completion of the examination.

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No. 005/Exam/008/AKU/2022- 1912

Patna, Dated: 12/05/2023

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# BIHAR ENGINEERING UNIVERSITY, PATNA

Programme for B.Tech 1<sup>st</sup> Semester Examination 2022

Time of Examination: 11:00 AM to 02:00 PM

Exam Id: - 220101

Patna, Date: - 15.05.2023

Day & Date	Paper Code	Paper
Wednesday, 24 May 2023	101101	Physics (Mechanics)
	102101	Physics ( Electromagnetism)
	105101	Physics (Semiconductor Physics and Introduction to Quantum Mechanics)
	100103	Chemistry
Friday, 26 May 2023	101102	Mathematics-I ( Calculus, Multivariable Calculus and Linear Algebra)
	102102	Mathematics-I ( Calculus and Linear Algebra)
	105102	Mathematics-I ( Calculus and Linear Algebra)
	103102	Mathematics-I ( Calculus and Differential Equations)
Monday, 29 May 2023	100101	Basic Electrical Engineering
	100104	Programming for Problem Solving
Wednesday, 31 May 2023	100102	Engineering Graphics & Design
	100105	Workshop Manufacturing Practices
Friday, 02 June 2023	100106	English

### Important Note

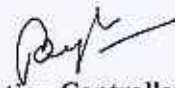
- Sessional/Practical/Viva-Voce Exam will be held from 03-06-2023 to 10-06-2023 and IA & External Marks should be uploaded during the same period.
- Submit the hard copy of Sessional/Practical/Viva-Voce marks within 72 hours after completion of the examination.

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Patna, Dated 15/05/23

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# BIHAR ENGINEERING UNIVERSITY, PATNA

Programme for B.Tech 2<sup>nd</sup> Semester Examination 2023

Time of Examination: 02:00 PM to 05:00 PM

Exam Id:- 230102

Patna, Date:- 22.09.2023

Day & Date	Paper Code	Paper
Friday, 29 Sept 2023	103201	Physics (Wave & Optics and Introduction to Quantum Mechanics )
	105201	Physics ( Semiconductor Physics )
	100203	Chemistry
Tuesday, 03 Oct 2023	101202	Mathematics-II ( Differential Equations)
	102202	Mathematics-II ( ODE & Complex Variables)
	105202	Mathematics-II ( Probability and Statistics)
	103202	Mathematics-II ( Linear Algebra, Transform Calculus and Numerical Methods)
Friday, 06 Oct 2023	100201	Basic Electrical Engineering
	100204	Programming for Problem Solving
Monday, 09 Oct 2023	100202	Engineering Graphics & Design
	100205	Workshop Manufacturing Practices
Wednesday, 11 Oct 2023	100206	English

### Important Note


- Sessional/Practical/Viva-Voce Exam will be held from 12-10-2023 to 18-10-2023 and IA & External Marks should be uploaded during the same period.
- Submit the hard copy of Sessional/Practical/Viva-Voce marks within 72 hours after completion of the examination.

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Dated 22/09/23

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22/09/23





Exam Id:- 220103

Day & Date	Paper Code	Paper
Tuesday, 27 June 2023	100301	Biology for Engineers
	100302	Analog Electronic Circuits
	100305	Digital Electronics
	104302	Electrical and Electronic Material
	107302	Introduction to Leather Technology
Saturday, 01 July 2023	100303	Basic Electronics Engineering
	100304	Data Structure and Algorithms
	100306	Electrical Circuit Analysis
	101302	Basic Electronics
	104301	Basic Electronics
Monday, 03 July 2023	100307	Electrical Machines – I
	100314	Technical Writing
	101303	Computer-aided Civil Engineering Drawing
	104304	Network Theory
Wednesday, 05 July 2023	100309	Engineering Mechanics
	100310	Engineering Mechanics
	100313	Object Oriented Programming using C++
	101304	Engineering Mechanics
Friday, 07 July 2023	100308	Electromagnetic Fields
	101305	Humanities-I (Effective Technical Communication)
	102304	Thermodynamics
	104305	Signals and Systems
	106301	Discrete Mathematics
Monday, 10 July 2023	101306	Introduction to Civil Engineering
	107301	Physics (Waves and Optics)
Wednesday, 12 July 2023	100311	Mathematics-III (Differential Calculus)
	100312	Mathematics-III (DPE, Probability and Statistics)
	104303	Mathematics-III
Friday, 14 July 2023	101308	Surveying & Geomatics

Note : Sessional/Practical/Viva-Voce Exam will be held from 15-07-2023 to 23-07-2023 and IA & External Marks should be uploaded in the same duration.

**Important Notes**

- Last date of Examination Form ( hard copy) submission 20-06-2023 at University
- Attach the Caste Certificates for SC/ST Candidates.
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Dated 15/06/23

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# BIHAR ENGINEERING UNIVERSITY, PATNA

Programme for B.Tech 5<sup>th</sup> Semester Examination, 2022

Time of Examination: 10:00 AM to 01:00 PM

Exam Id:- 220105

Date:- 15.06.2023

Day & Date	Paper Code	Paper
Tuesday, 27 June 2023	100502	Control Systems
	101506	Mechanics of Materials
	102501	Fluid Machinery
	104501	Computer Networks and Security
	105501	Artificial Intelligence
	106501	Compiler Design
	107501	Chemical Engineering-II
Saturday, 01 July 2023	100504	Microprocessors
	101504	Hydraulic Engineering
	102502	Heat Transfer
	104502	Digital Signal Processing
	105502	Database Management Systems
	107502	Economics Humanities
	110501	Analog & Digital Communication System
Monday, 03 July 2023	111502	Sensors and Transducers
	100506	Power Electronics
	101501	Analysis and Design of Concrete Structure
	102503	Kinematics of Machine
	104506	Probability Theory and Stochastic Processes
	105503	Formal Language and Automata Theory
	106502	Design & Analysis of Algorithms
Wednesday, 05 July 2023	107503	Leather Product Technology-I
	100507	Power Systems-I (Apparatus and Modelling)
	100508	Professional Skill Development
	101503	Geotechnical Engineering -I
	102504	Manufacturing Processes
Friday, 07 July 2023	107504	Practices of Leather Manufacturing - I
	101505	Hydrology & Water Resources Engineering
	104505	Microprocessors & Microcontrollers
	105504	Software Engineering
	106503	Operating Systems
	107505	Principles of Organic Tanning
	103502	Wind and Solar Energy Systems
	103503	Electrical Machine Design
Monday, 10 July 2023	100903	Information Theory and Coding
	101502	Environmental Engineering -I
	104503	Linear Control Systems
Wednesday, 12 July 2023	107506	Principles of Post Tanning Operation
	101507	Transportation Engineering
	104504	Linear Integrated Circuits and Applications

Note : Sessional/Practical/Viva-Voce Exam will be held from 13-07-2023 to 23-07-2023 and IA & External Marks should be uploaded in the same duration.

### Important Notes

- Last date of Examination Form ( hard copy) submission 20-06-2023 at University
- Attach the Caste Certificates for SC/ST Candidates.
- Submit the hard copy of Sessional/Practical/Viva-Voce within 72 hours after completion of the examination.

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*Rajesh Kumar*

*[Signature]*  
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Bihar Engineering University  
Patna

*[Signature]*  
15/06/23



# BIHAR ENGINEERING UNIVERSITY, PATNA

Programme for B.Tech 7<sup>th</sup> Semester Examination 2022

Time of Examination: 10:00 AM to 01:00 PM

Exam Id:- 220107

Patna, Date:- 28.04.2023

Day & Date	Paper Code	Paper
Monday, 8 May 2023	101701	Professional Practice, Law & Ethics
	102701	Internal Combustion Engines
	103701	Power System Protection
	104701	Business Analytics
	100708	Biology for Engineers
	107701	Chemical Reaction Engineering
	110704	Industrial Electrical Systems
	110706	Power System II
Wednesday, 10 May 2023	101703	Pavement Designs
	101704	Building Construction Practice
	101707	Surface Hydrology
	101710	Concrete Technology
	101712	Soil Mechanics-II
	101713	Environment Impact Assessment and Life Cycle Analysis
	101715	Groundwater
	101718	Geography Information System & Science
	102702	Refrigeration and Air Conditioning
	103703	Digital Signal Processing
	100704	Electromagnetic Waves
	104702	Cost Management of Engineering Projects
	105701	Data Science
	105705	Internet of Things
	105707	E- Commerce and ERP
	106704	Mobile and Wireless Computing
	110703	High Voltage Engineering
	107702	Theory of Leather Supplements & Synthetics
	110709	Electrical and Hybrid Vehicles
	Friday, 12 May 2023	101721
101722		Foundation Engineering
101730		Open Channel Flow
101731		Environmental Laws and Policy
101732		Construction Project Planning & Systems
102703		Computer Aided Design
102705		Automobile Engineering
103708		Electronic Devices
103712		Power Plant Engineering
104703		Wireless Communication
105713		Cyber Security
105714		Virtual Reality
106715		E-Commerce and ERP
107703		Leather Product Technology -II
110715		Computer Networks
110723		Basic of Robotics(5)
110727		Object Oriented Programming Using C++
110729	Artificial Neural Networks	
110725	Cloud Computing	
Monday, 15 May 2023	100713	Soft Skills and Interpersonal Communication
	100714	Human Resource Development and Organizational Behavior
	102706	Operations Research
	100716	Data Structure & Algorithms
	103715	Electrical Materials
	100710	Antennas and Wave Propagation
	104705	Optical Fiber Communications
	104706	Micro-and Nano Electronics



*Rajesh Kumar*



# BIHAR ENGINEERING UNIVERSITY, PATNA

Programme for B.Tech 7<sup>th</sup> Semester Examination 2022

Time of Examination: 10:00 AM to 01:00 PM

Exam Id:- 220107

Patna, Date:- 28.04.2023

Day & Date	Paper Code	Paper
Monday, 15 May 2023	100715	Cyber Law & Ethics
	110728	Electrical Safety
	107708	Organic Chemistry
Wednesday, 17 May 2023	104708	High Speed Electronics
	104709	Digital System Design
	104710	VLSI Technology
	104711	Information and Coding Theory

**Note :** Sessional/Practical/Viva-Voce Exam will be held from 19-05-2023 to 24-05-2023 and IA & External Marks should be uploaded during the same period.

### Important Note


- Last date of Online Examination Form fillup: up to 30-04-2023
- Last date of Examination Form ( hard copy) submission at University: up to 02-05-2023
- Attach the Caste Certificate for SC/ST Candidates.
- Submit the hard copy of Sessional/Practical/Viva-Voce marks within 72 hours after completion of the examination.

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Patna, Dated ...28/4/2023

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Patna  
28/4/2023





# BIHAR ENGINEERING UNIVERSITY, PATNA

Revised Programme for B. Tech 8<sup>th</sup> Semester Examination, 2023

Time of Examination: 2:00 PM to 5:00 PM

Date: - 16.08.2023

Exam Id: - 230108

Day & Date	Paper Code	Paper
Monday, 21 Aug 2023	101838	Economic Policies in India
	101839	Metro Systems and Engineering
	102807	Safety Management
	100815	Digital Image Processing
	103807	Strength of Materials
	104809	Introduction to MEMS
	104810	Power Electronics
	104812	Transducers and Sensors
	105816	Embedded Systems
	107801	Practices of Leather manufacturing -III
	110807	Power Plant Engineering
	110819	E-Commerce and ERP
	011827	Construction Planning and Management
	101801	Urban Transportation Planning
	101802	Geometric Design of Highways
Wednesday, 23 Aug 2023	101803	Contracts Management
	101805	River Engineering
	101806	Water Resources Field Methods
	101808	Prestressed Concrete
	101809	Geotechnical Design
	102808	Non-Conventional Manufacturing
	103804	Computer Networks
	103808	Fluid Machinery
	100814	Internet of Things
	104808	Machine Learning
	105801	Data Mining
	100817	Cloud Computing
	106813	Simulation and Modelling
	107815	Leather Product Technology -III
	110804	Smart Grid
110806	Wind and Solar Energy Systems	
011834	Airport Planning and Design	
Friday, 25 Aug 2023	101813	Pavement Materials
	101814	Construction Cost Analysis
	101818	Railway Engineering
	102801	Principles of Management
	100808	Total Quality Management
	102805	Gas Dynamics and Jet Propulsion
	100802	Control Systems Design
	103801	Electrical and Hybrid Vehicles
	100813	Big Data Analytics
	100816	Bitcoin and Crypto Currencies
	104804	Wireless Sensor and Networks
	104806	Analog CMOS VLSI Design
	100818	Bio-Medical Instrumentation
	105811	Real Time Systems
	105812	Block Chain
105814	Information Retrieval	
106801	Artificial Intelligence	
107806	Surface and colloid chemistry	
110801	Fiber Optic Communications	
110803	Power System Protection	
011841	Industrial Waste Treatment	



*Rajesh Kumar* P.T.O.



# BIHAR ENGINEERING UNIVERSITY, PATNA

Revised Programme for B. Tech 8<sup>th</sup> Semester Examination, 2023

Time of Examination: 2:00 PM to 5:00 PM

Day & Date	Paper Code	Paper
Saturday, 26 Aug 2023	011850	Pre-Stressed Concrete Design
	100812	Cyber Security
	100803	HVDC Transmission Systems
	100806	Microwave Theory and Techniques
Monday, 28 Aug 2023	101824	Biological Processes for Contaminant Removal
	101825	Rural Water Supply and Onsite Sanitation Systems
	101827	Construction Engineering Materials.
	101828	Solid and Hazardous Waste Management
	101830	Bridge Engineering
	102802	Design of Transmission Systems
	102804	Energy Conservation and Management
	100804	Power Quality and Facts
	103802	Advanced Electric Drives
	100819	Satellite Communication
	104801	Error correcting codes
	105818	High Performance Computing
	100811	Introduction to Communication Systems
	105819	Ad-hoc and Sensor Networks
	106806	Management Information System
	107802	Tannery waste management
	110810	Electrical Materials
011852	Irrigation Engineering	

- Note:-
1. Sessional/Practical/Viva-Voce Exam will be held from 29-08-2023 to 31-08-2023 and IA & External Marks should be uploaded in the same duration.
  2. Submit the hard copy of Sessional/Practical/Viva-Voce within 72 hours after completion of the examination.

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Dated ..16/08/23..

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परीक्षा नियंत्रक  
बिहार अभियंत्रण विश्वविद्यालय  
पटना



Prakash Kumar

**Bihar Engineering University, Patna**  
**B.Tech 1<sup>st</sup> Semester Exam-2022**

Course: B.Tech.  
Code: 100103

Subject: Chemistry

Time: 03 Hours  
Full Marks: 70

**Instructions:-**

- (i) The marks are indicated in the right-hand margin.
- (ii) There are NINE questions in this paper.
- (iii) Attempt FIVE questions in all.
- (iv) Question No. 1 is compulsory.
- (v) Symbols used (if any) have their usual meanings.

**Q.1 Answer any seven of the following:**

[2 x 7 = 14]

- (a) What is the designation of the orbital having  $n = 4$  and  $l = 3$ ?
- (b) Write the ground state electronic configuration of  $N_2^-$
- (c) Which of  $Cr^+$  or  $Cu^+$  is expected to be coloured?
- (d) Arrange molecular species  $N_2$ ,  $N_2^+$ ,  $N_2^-$  and  $N_2^{2-}$  in increasing order of stability.
- (e) Out of  $Cr^{2+}$  and  $Cr^{3+}$ , which one is stable in aqueous solution?
- (f) What is the direction of a reaction when  $\Delta G = 0$ ?
- (g) A gas expands against vacuum. What is the work done on it?
- (h) What is the condition for a reaction to be in equilibrium?
- (i) Which of the following is not a nucleophile?  
 $H_2O$ ,  $BF_3$ ,  $NH_3$ ,  $OH^-$
- (j) A reaction has  $\Delta H < 0$  and  $\Delta S < 0$ . At what temperature the forward reaction proceed?

- Q.2**
- (a) At what temperature will water boil when the applied pressure is 528 mm of Hg? [4]  
(Latent heat of vaporisation of water = 545.5 cal/g)
  - (b) Explain dual nature of light and give one example (property/experiment) in favour of its particle nature and wave nature. [4]
  - (c) The equilibrium constants for the reaction  $H_2(g) + S(s) \rightleftharpoons H_2S(g)$  are 18.5 at 925K and 9.25 at 1000 K. Calculate standard enthalpy of the reaction. Also calculate  $\Delta G^\circ$  and  $\Delta S^\circ$  at 925 K. [6]

- Q.3**
- (a) Which of the following two molecules has a higher bond length? [6]
    - (i)  $O_2$
    - (ii)  $O_2^+$
    - (iii)  $O_2^-$

Explain using molecular orbital theory.

- (b) Draw the MO energy level diagram for NO molecule. Using this diagram, calculate and explain bond order and magnetic behaviour of (i) NO, (ii)  $NO^+$  and (iii)  $NO^-$ . [8]

- Q.4**
- (a) Calculate the frequency (in Hz and  $cm^{-1}$ ) of O — H bond, if the force constant and reduced mass of the atom pair are  $770 N m^{-1}$  and  $1.563 \times 10^{-27} kg$  respectively. [4]
  - (b) Microwave spectrum of gaseous HCl molecule exhibits a series of equally spaced lines with interspacing of  $20.7 cm^{-1}$ . Calculate the inter-nuclear distance of HCl molecule. [4]



*Rajesh Kumar*



- (c) Explain geometrical isomerism and optical isomerism for transition metal complex with an example for each. [6]
- Q.5 (a) Calculate the force constant of CO molecule, if its fundamental vibrational frequency is  $2140 \text{ cm}^{-1}$ . (At. Mass of carbon =  $1.99 \times 10^{-26} \text{ kg}$  and O =  $2.66 \times 10^{-26} \text{ kg}$ .) [4]
- (b) At what frequency shift from TMS, would a group of nuclei with  $\delta = 1.00$  resonate in an NMR spectrometer operating at 500 MHz? [4]
- (c) How many  $^1\text{H}$  NMR signals are there in the following? [6]
- $\text{CH}_3-\text{CH}_3$
  - $\text{CH}_3-\text{CH}_2-\text{CH}_3$
  - $\text{CH}_3-\text{CH}_2-\text{Cl}$
  - $\text{CH}_3-\text{CHCl}-\text{CH}_3$
  - $\text{C}_6\text{H}_5\text{CH}_3$
  - $\text{C}_6\text{H}_5\text{CH}_2\text{CH}_3$
- Q.6 (a) 2 mol of  $\text{NH}_3$  at 300 K occupy a volume of  $5 \times 10^{-3} \text{ m}^3$ . Calculate the pressure using van der Waals equation ( $a = 0.417 \text{ Nm}^4 \text{ mol}^{-2}$  and  $b = 0.037 \times 10^{-3} \text{ m}^3 \text{ mol}^{-1}$ ). Compare the above result with the pressure calculated using ideal gas equation. [5]
- (b) Write short notes on the following: [9]
- Magnetic resonance imaging
  - Fingerprint region in infrared spectroscopy
  - Different types of electronic excitations
- Q.7 (a) Write the principle for lime soda process for softening of hard water. [2]
- (b) Calculate the amount of lime and soda required for the softening of a million litres of hard water containing  $\text{CaCO}_3 = 25 \text{ ppm}$ ,  $\text{MgCO}_3 = 144 \text{ ppm}$ ,  $\text{CaCl}_2 = 111 \text{ ppm}$ ,  $\text{MgCl}_2 = 95 \text{ ppm}$ ,  $\text{Na}_2\text{SO}_4 = 15 \text{ ppm}$ ,  $\text{Fe}_2\text{O}_3 = 25 \text{ ppm}$ . <https://www.akubihar.com> [6]
- (c) The hardness of 50000 litres of water sample was removed by passing it through a zeolite softener. The softener then required 200 L of NaCl solution, containing 125g/L of NaCl for regeneration. Calculate the hardness of the sample of water. [6]
- Q.8 (a) Write notes on the following: [8]
- Optical isomerism of lactic acid
  - Optical isomerism of tartaric acid
- (b) Differentiate between the following: [6]
- Enantiomers and diastereomers
  - Racemic mixture and meso-compounds
- Q.9 (a) Write the product for the following reactions together with reaction mechanism: [7]
- $2\text{CH}_3\text{COCH}_3 + \text{OH}^- \rightarrow$
  - $\text{CH}_3\text{CH}_2\text{OH}$  (heated with  $\text{H}_2\text{SO}_4$ )  $\rightarrow$
- (b) Write short notes on the following: [7]
- Steric effects
  - Diels-Alder reaction



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Bihar Engineering University, Patna  
B.Tech 1<sup>st</sup> Semester Exam-2022

Course: B.Tech.  
Code: 101101

Subject: Physics (Mechanics)

Time: 03 Hours  
Full Marks: 70

**Instructions:-**

- (i) The marks are indicated in the right-hand margin.
- (ii) There are NINE questions in this paper.
- (iii) Attempt FIVE questions in all.
- (iv) Question No. 1 is compulsory.
- (v) Symbols used (if any) have their usual meanings.

**Q.1 Choose the correct option of the following (any seven):**

[2 x 7 = 14]

- (a) The angular velocity of rotating body is expressed in terms of
  - (i) revolution per minute
  - (ii) radians per second
  - (iii) metre per second
  - (iv) None of these
- (b) Which of the following statements is wrong?
  - (i) The matter contained in a body is called mass
  - (ii) The force with which a body is attracted towards the centre of the earth is called weight
  - (iii) The total motion possessed by a moving body is called impulsive force
  - (iv) None of the above
- (c) Which type of vibration is also known as transient vibrations?
  - (i) Undamped vibration
  - (ii) Damped vibration
  - (iii) Torsional vibration
  - (iv) Transverse vibration
- (d) Transmissibility is the ratio of
  - (i) force transmitted to the supporting structure and force impressed upon the system
  - (ii) displacement amplitude of mass and displacement amplitude of supporting structure
  - (iii) Both (i) and (ii)
  - (iv) None of the above
- (e) A non-inertial reference frame is a frame of reference that is undergoing \_\_\_\_\_ with respect to an inertial frame.
  - (i) velocity
  - (ii) acceleration
  - (iii) Both (i) and (ii)
  - (iv) None of these
- (f) A turning car with constant speed is the example of
  - (i) inertial reference frame
  - (ii) non-inertial reference frame
  - (iii) Both (i) and (ii)
  - (iv) None of these
- (g) When a particle moves with a uniform velocity along a circular path, then the particle has
  - (i) tangential acceleration only
  - (ii) centripetal acceleration only
  - (iii) both tangential and centripetal acceleration
  - (iv) None of these
- (h) Gradient of scalar field is \_\_\_\_\_ to the equipotential surface.
  - (i) parallel
  - (ii) perpendicular
  - (iii) inclined
  - (iv) None of these





- (i) Example of non-conservative force is  
 (i) gravity (ii) ideal spring (Hooke's law)  
 (iii) electrostatic force (iv) human pushes and pulls
- (j) Pooja spins a ball of mass  $m$  attached to a string of length  $r$  around her head with a velocity  $v_1$ . If the ball splits in half, losing exactly one-half of its mass instantaneously, what is its new velocity,  $v_2$ ?  
 (i)  $v_1$  (ii)  $v_1/4$   
 (iii)  $2v_1$  (iv)  $4v_1$
- Q.2 (a) A particle moves in a circle of radius  $b$  with angular velocity  $\theta = \alpha t$ , where  $\alpha$  ( $\text{rad/sec}^2$ ) is a constant. Describe the particle's velocity in polar coordinates. [8]  
 (b) Three freight cars of mass  $M$  are pulled with force  $F$  by a locomotive. Friction is negligible. Find the forces on each car. [6]
- Q.3 Write short notes on the following: [14]  
 (a) Harmonic oscillator  
 (b) Motion of a rod executing canonical motion with centre of mass fixed
- Q.4 (a) Discuss three-dimensional rigid body motion describing angular velocity and moment of inertia tensor. [10]  
 (b) The position of a particle of mass  $m$  under the influence of a free particle is given by  $\vec{r} = A \sin \omega t \hat{i} + B \cos \omega t \hat{j}$ . Find the expression for its force. [2]  
 (c) Express  $\vec{s}$  of cylindrical coordinate system into unit vectors of Cartesian coordinate system. [2]
- Q.5 (a) Explain Euler's law of motion and derive an expression for the Euler's equation of motion for rigid body. [9]  
 (b) Prove that curl of a conservative force is equal to zero. [5]
- Q.6 Write and solve equation of motion of a mass executing simple harmonic oscillation in the presence of a damping force. Also discuss the cases of over damping, critical damping and undamping oscillations. [14]
- Q.7 (a) Show that if the total linear momentum of a system of particles is zero, the angular momentum of the system is the same around all origins. [5]  
 (b) A particle with a mass of 4kg has a position vector in metre given by  $\vec{r} = 3t^2 \hat{i} - 2t \hat{j} - 3t \hat{k}$ , where  $t$  is the time in seconds. For  $t = 3$  seconds, determine the magnitude of the angular momentum of the particle and the magnitude of the moment of all forces on the particle, both about the origin of coordinates. [9]
- Q.8 Write short notes on the following: [7x2=14]  
 (a) Critically damped oscillator  
 (b) Satellite maneuver
- Q.9 Write short notes on any two of the following: [7x2=14]  
 (a) Angular velocity vector and its rate of change  
 (b) Moment of inertia tensor  
 (c) Foucault pendulum



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