

# PROSPECTUS

2024-25



The Institute observes zero tolerance policy towards  
Ragging



## SAMRAT ASHOK TECHNOLOGICAL INSTITUTE

(A Grant in-aid NAAC Accredited UGC Autonomous Engineering College Estd. in 1960)

(Approved by AICTE and Affiliated to RGPV & Barkatullah University, Bhopal)

Accredited by NBA for B.Tech. (CE,ME,CSE & EI)

(Declared Autonomous by RGPV & BU Bhopal)

Vidisha (M.P.)-464 001 India

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# Great Founder



**H.H. Kailashwasi Maharaja  
Jiwaji Rao Scindia**



**H.H. Kailashwasi Rajmata  
Vijaya Raje Scindia**



**H.H. Kailashwasi Maharaja  
Madhav Rao Scindia**

## Our Hon'ble Chairman



**H.H. Maharaja  
Jyotiraditya M. Scindia**



## **MOTTO**

**योगः कर्मसु कौशलम्**

## **VISION**

**To contribute towards service and development of the mankind, through quality education and research, in the area of science & technology.**

## **MISSION**

**To create quality manpower equipped with technical skills, social values, leadership, creativity and innovation for the benefits and betterment of mankind and sustainable development of the nation.**



## **DIRECTOR'S MESSAGE**

Greetings !

I feel privileged in introducing you to Samrat Ashok Technological Institute (S.A.T.I.), one of the oldest and leading technical Institute in the region. We are committed to impart professional education, combined with fostering innovative thinking, application of knowledge, inculcating professional ethics and consciousness to social responsibilities. The institute premises provide a safe and stimulating social and physical environment, helping students excel in a pool of courses in engineering, technology, science and management. The key to our success is our experienced and young talented faculty, who are committed to delivering high-quality education and nurturing the intellectual growth of our students.

Institute is actively preparing itself for implementation of National Education Policy (NEP) 2020 and adopted a flexible curriculum. The flexible curriculum provides flexibility to a student to select courses of his/her choice of interest from a broad range of industry-ready options. This approach enhances employability by aligning educational outcomes with industry requirements of the students. Institute has all the infrastructural facilities like modernized laboratories equipped with latest technology, comprehensive sports facilities, various clubs for students to pursue their hobbies and hone their skills etc. To our current and prospective students, I wish you a successful and fruitful journey in your professional life. At S.A.T.I., we are dedicated to helping you achieve your goals and prepare for a bright future.

Dr. Y.K. Jain  
Director



## 1. Brief Introduction

Samrat Ashok Technological Institute, a premier institute of the region, was established on November 1, 1960 under the "Open Door" policy of the Government of India, by **Maharaja Jiwajirao Education Society, Vidisha** with a donation from the Gangajali Trust Fund of the Scindias, erstwhile rulers of the Gwalior state, and commitment of non-recurring grants from the Government of India and the Government of Madhya Pradesh in agreed proportions.

The foundation stone of the Institute was laid down by late **Pt. Jawahar Lal Nehru, Hon'ble Prime Minister of India** on Feb. 13, 1962 and was inaugurated by late **Dr. Rajendra Prasad, Hon'ble President of India**.

The Institute started with a total intake of 120 students per year in the three major disciplines of engineering, namely, Civil, Mechanical and Electrical Engineering. It was affiliated to the Vikram University Ujjain to which the three other colleges in the region, namely, MANIT (earstwhile MACT) Bhopal, SGSITS Indore and MITS Gwalior were also affiliated at that time. After the establishment of Bhopal University at Bhopal, now renamed as Barkatullah Vishwavidyalaya, the Institute was affiliated to it along with MACT (Now MANIT) Bhopal and GEC, Bhopal. With the establishment of the Rajiv Gandhi University of Technology (RGPV) at Bhopal in 1998, the Institute was affiliated to this university.

The Institute has celebrated its diamond Jubilee in the year 2020 and the journey continuous towards the celebration of Platinum Jubilee. The institute started its journey with 3 UG programmes in engineering and its present it offers 11 UG courses, 8 PG courses along with Ph.D. programmes with approximately 2700 students in the campus. Institute has academic autonomy and Institute got NAAC accreditation also. Four of our programmes B.Tech. Civil, Mechanical, EI and Computer Science & Engineering has accreditation from NBA. Institute has well qualified, experienced & dynamic faculty to impart the high quality education in Engg./Technology, Science and Management. There are well equipped modern laboratories, well stocked Digital E-Library, sports facilities and other facilities to meet academic, Co-curricular extra-curricular activities, and other requirements. MHRD, Govt of India, New Delhi, had selected this institute under the World Bank Scheme TEQIP-III with financial assistance of Rs. 15.00 crores. The objective of the scheme was to establish Academic Excellence in the institute through various activities and to enhance the employability of UG/PG students. Institute has established 9 centre of excellence in its premises.

Since its inception, Institute has played a significant role in developing human resources to meet the requirement of industries with high social values at home and abroad.

**Mr. KAILASH SATYARTHI ONE OF THE NOBEL LAUREATE FOR PEACE PRIZE 2014 BELONGS TO THIS INSTITUTE.** He graduated from this prestigious Institute in Electrical Engineering in the year 1974.

Some of our eminent alumni have achieved world class caliber and competence and have been awarded National and International awards including "**Padma Shree**" (**Er. V.K. Chaturvedi**)



### VIDISHA

The Institute is located in Vidisha, the heartland of Madhya Pradesh, just 54 km by rail from the state capital Bhopal towards north on the Chennai - Delhi, Mumbai - Delhi main lines with most of the trains having a stoppage at this place. The town, a district head quarter is also otherwise well connected by roads to other important cities and towns of the State. Nearest airport is located at Bhopal.

A town of great antiquity and immense historical and archaeological importance, it is strewn with several famous monuments in its immediate vicinity, such as the world heritage stupas of Sanchi, the Udaigiri Caves, the Udayeshwar temple in Udaipur village, the Mala Devi temple in Gyaraspur and the Heliodorous Pillar and Vijayamandir on the outskirts of the town of Vidisha.

The Institute was named after Emperor Ashoka, The Great, who was Governor of Emperor Chandragupta Maurya in Ujjain and Vidisha (earstwhile known as BHELISA) and married to Devi daughter of a business man of Vidisha. They had a son Prince Mahendra and a daughter Princess Sanghamitra, who later went to Ceylon as emissaries of Buddhism.

## CAMPUS

The College campus, a few minutes walkable distance from the Railway Station is situated in the Civil Lines area, of Vidisha. It is spread over 85 acres lush green land with well maintained roads and approaches. It has segregated space for academic block, residences for faculty and staff, hostels, sports facilities, auditorium, garden etc. All the subsidiary requirements viz water supply, power supply etc. are managed by the institute through borewells, HT substation, Solar Power and generators.

## 2. Undergraduate Programmes

Following full-time undergraduate programmes are in operation :

### (A) Full-Time Engineering Courses (4 year duration) (8 semesters)

- |  |   |
|--|---|
| 1. B.Tech. (Civil Engg.)                   | - Intake 60 seats + other seats under (TFW, EWS)  |
| 2. B.Tech. (Mechanical Engg.)              | - Intake 60 seats + other seats under (TFW, EWS)  |
| 3. B.Tech. (Electrical Engg.)              | - Intake 60 seats + other seats under (TFW, EWS)  |
| 4. B.Tech. (Electronics & Instrumentation) | - Intake 60 seats + other seats under (TFW, EWS)  |
| 5. B.Tech. (Electronics & Communication)   | - Intake 60 seats + other seats under (TFW, EWS)  |
| 6. B.Tech. (Computer Science & Engg.)      | - Intake 120 seats + other seats under (TFW, EWS) |
| 7. B.Tech. CSE (Block Chain )              | - Intake 60 seats + other seats under (TFW, EWS)  |
| 8. B.Tech (Information Technology)         | - Intake 60 seats + other seats under (TFW, EWS)  |
| 9. B.Tech. CSE (IoT)                       | - Intake 60 seats + other seats under (TFW, EWS)  |
| 10. B.Tech. CSE (AIDS.)                    | - Intake 60 seats + other seats under (TFW, EWS)  |

### (B) B.B.A. - Intake 30 seats

## 3. Post-Graduate Programmes

### A. Engineering & Technology Courses (4 semesters)

- |   |                         |           |
|---|-------------------------|-----------|
| 1. M.Tech (Construction Tech. & Mgt.) , | Civil Engg. Deptt.      | Intake 18 |
| 2. M.Tech (Transportation Engg.),       | Civil Engg. Deptt.      | Intake 18 |
| 3. M.Tech (Advanced Production Systems) | Mech. Engg. Deptt..     | Intake 09 |
| 4. M.Tech (Power Electronics) ,         | Electrical Engg. Deptt. | Intake 09 |
| 5. M.Tech. Computer Science & Engg.,    | Computer Science Deptt. | Intake 18 |

### B. Master of Computer Application (MCA) (4 semesters) Intake 30 seats

### C. M.B.A. (Master of Business Administration) (4 semesters)- Intake 60 seats

### D. M.Sc. in Applied Chemistry (4 semesters) Intake 25 seats

## 4. Ph.D. Programmes

- Institute is an approved research center of Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal for Ph.D. Programmes. Few fellowship are available to research scholars under sponsored research projects.
- This Institute is approved by AICTE as QIP research center for Ph.D. in engineering and technology in Civil, Mechanical, Electrical, CSE, IT with two seats each for working faculty members of other AICTE approved institutes.



## **5. Academic Facilities**

### **5.1 . Centre for innovative learnings**

Institute has established following Centres for innovative learning in various departments to carry out innovative ideas:-

- Cost effective Building Materials & construction Techniques established - Department of Civil Engineering.
- Lab view Academy - Department of Electronics Engineering.
- Additive Manufacturing lab - Department of Mechanical Engineering.
- Advanced Geo polymer concrete & its products - Department of Civil Engineering.
- Embedded Design & Simulation lab – Department of Electrical Engineering.
- Non-Violence & Peace in Education - Department of Humanities & Management
- Virtual Instrumentation & IoT - Department of Electronics Engineering.
- Ramanujan Design Centre - Department of Civil Engineering
- AI & Machine Learning centre - Department of Computer Science & Engineering.

### **5.2. Laboratories**

All the laboratories of the Institute are well equipped with latest equipments as per the requirements of both undergraduate and post-graduate courses. In recent years, these laboratories are modernized with the help of grant received from the Government of India.

### **5.3. Computer Facilities**

Institute has a well established Central Computer Centre catering to the needs of various courses. All the departments have their own computing facilities to cater to their various programs with licensed softwares. Institute has approximately 800 computer systems.

Institute has 1GBPS lease line NKN internet connectivity with round the clock accessibility to staff and students. All departments/Sections/Hostels in campus are connected under network and also through Wi-Fi network.

### **5.4. Central Workshop**

The Central Workshop has all the conventional trade shops and recently modernized to cater the needs of fabrication work involved in student projects, it has a very modern Metrology Laboratory for precision measurements. Central workshop also supports in day to day maintenance of the institute.

### **5.5. Central Library**

The Institute library has a collection of text and reference books related to all subjects/disciplines of Engineering, Management, Science & Humanities. It has more than 75,000 volumes and subscribes 105 national journals and technical magazines. It has an excellent collection of educational videos and CDs covering various subjects. The library extends Book Bank facility to all the students. The library remains open from 9:00 AM to 8:00 PM on all working days.

The Central Library provides Open Access System facility to all its users. Central Library is managing Digital Library Solution (DLS) which provides NPTEL Lecture videos (about 2500 Nos.) access facility throughout the Institute campus by Local Area Network (Intranet). Library also has been providing multiuser e-resources access in library as well as on the Local Area Network of the Institute through Internet. It also provides user-friendly Online Public Access Catalogue (OPAC) facility to make easy access of library documents. Institute is having consortium membership of e-shodhsindhu, New Delhi and INFLIBNET, Gandhi Nagar through Central Library.



Institute Library has subscribed various e-journals databases i.e. Science Direct (Engineering & Computer sc.), J-gate for Engineering and Computer Sc., and having accessing facility of various e-journals database. The library is also a member of National Digital Library IIT Kharagpur.

## 5.6. Placement Cell

The Placement Cell of institute help in providing placement opportunities to students. Placement Cell conducts the workshops and training sessions for the students, to make them familiar with different aspects of personality development and to enhance their communication skills.

The cell also takes care in arranging the industrial training programmes and internship to the students in various firms and industries.

Almost all the leading companies conduct placement drives for the students on regular basis and a sizeable number of students get placed.

### Organizations where S.A.T.I. Alumni are employed (Partial list)

- Aarctechsolonics Ltd.
- ACC
- Accenture
- Accord Shine
- Alpha Laval
- Apollo Tyres
- Asian Paints
- AVAYA
- Avaya Communications
- Baazee.com India
- Bajaj Auto
- Bajaj Tempo Ltd.
- BHEL
- Biogeny Diagnostic (GUJ.)
- BI Kashyap & Sons, New Delhi
- Blue Star
- BPL
- Bridge Stone
- BSNL
- Canon Soft
- Capgemini
- CEAT
- Chemolium Lubricants
- CILTEP Chemicals
- CINDA Engg. & Const. Pvt. Ltd.
- CMC Ltd.
- Cognizant
- Commines Diesel India Ltd.
- Convergys
- Crompton Greaves Ltd.
- Cummins India
- D&H Sechron Ltd.
- Daffodil Technologies
- Diffusion Engineers
- DRDO
- Eicher Tractors (Tafe Motors)
- Electro Care Systems
- Enercon Pvt. Ltd.
- ERA Infra Engg. Ltd.
- Escort Ltd.
- Excellon Technologies
- Flour Daniel India Gurgaon
- Force India
- Frontline Electro Medical Ltd.
- Fujitsu ICIM
- GE Capital
- General Motors
- Genpact
- Globus Soft
- Godrej & Boyce
- Green Infrastructures System Pvt. Ltd.
- Gupta Power Ltd
- HCL Infosolutions
- HCL Technologies
- HEG
- Hindustan Latex Ltd.
- Hindustan Lever
- Hindustan Motors
- Honeywell Ltd.
- HP
- HPCL
- HSBC
- Hughes
- i Flex Solutions
- IBM
- ICICI
- ICIL Ltd.
- Idea Cellular
- IIS Infotech Ltd.
- Impetus Infotech
- IMS
- Indian Navy
- Indian Railways
- Infobeans
- Infosys Technologies
- Innoeye Technologies
- Integrity Med Services
- IOCL
- Ipca Lab.
- ISC Software Pvt. Ltd.
- ISPAT Ltd.
- ISRO
- ITS
- J.K. Cement
- Jabalpur Hospital & Research Centre
- Kanbay Software
- KEI
- Kinetic Honda Ltd.
- Kirloskar Brothers
- K-Plus Infotech
- L&T
- L&T Infotech
- L.N.Malviya Infra.
- Lalitpur Power Generation Company Ltd. (Bajaj Group)
- LAWKIM Ltd.
- Lupin Ltd
- M.U. Sigma
- Mahindra & Mahindra
- Mahindra British Telecom
- Maruti Udyog
- Microsoft
- Mid India Pvt Ltd
- MPEB
- MPMKVVCL
- MSEB
- NHAI
- Nector Life Science Pvt. Ltd. Chandigarh
- Nestle
- Network Programmes India
- NIIT
- Noika Siemens
- NSE
- Nucleus
- Oracle
- Orient Paper Mills
- Patni Computers System
- Philips
- pi Industries
- PMS (P) Ltd.
- Polaris
- Poornam Info Vision
- Qwest Communications
- Ranbaxy (Sun Pharma)
- Reliance Industries
- RPG Cellcom
- Ruchi Group
- S. Singh Construction Co. Ltd.
- Sanfield

- SAP Labs
- Satyam Mahindra
- SEW Infrastructure Ltd.
- SIDBI
- Siemens
- Simplex Infrastructure Delhi
- SMT Pvt. Ltd
- Soma Enterprise Ltd.
- Sonata Software
- Southern Railways
- SUN Microsystem
- SUVI Information
- Syntel
- TaeguTec India Pvt. Ltd
- Tata Communication
- Tata Infotech
- Tata Motors
- Tata Steel
- TCS Ltd.
- Tech Software
- TELCO
- Thermax Ltd.
- Thyron Informatics (P) Ltd.
- TIL
- Titan
- TNS Heavy Engineering
- Tops Technologies
- Triveni Turbines
- Wesper Fischer Ltd.
- Wind moller & Holscher India (WHI)
- Wipro
- World Pay
- XL Dynamics
- Zensoft
- Yash Technologies
- Zeppelin Mobile India

### 5.7. IDEA Lab funded by AICTE

AICTE has sanctioned to establish IDEA (Idea Development Evaluation & Application) labs in AICTE approved institutions, encouraging students for application of science, technology engineering & mathematics (STEM) fundamentals towards enhanced hands-on-experience, learning by doing and even product visualizations. The IDEA lab provide all the required facilities to convert the imagination & Creativity of the students and faculty in to physical realization model. It provide all the facilities under one roof and the place where an individual can have wings to their imagination to fly high in the world to their aspirations.

### 5.8. Startup Cell

SATI Start-up cell is committed towards the Startup India initiative of the Government of India (GoI), intended to catalyse start-up culture and build a strong and inclusive ecosystem for innovation and entrepreneurship in India. With this objective we supports entrepreneurs, building a robust startup ecosystem and transforming into a job creators instead of job seekers. SATI start-up cell supports students to participate in competitions including National and International Hackathons, Toys Hackathon, MSME Hackathon, etc to create competitive environment and innovation culture among students. SATI Startup cell also provide the Incubation support, Pre-incubation support of MSME and partner institute of REC program of SIIC IIT Kanpur.

### 5.9. MoUs with industries and Educational Institutions

Several MoUs with leading educational industrial and Government organizations is in place. This helps in helping a overall development of institute in academics and providing training/placement/internship opportunities to students.

**Some of the operations MOUs are :**

S.No.	Name of Organization	Date of MoU
1	ECI New Delhi for Incubation Centre	12.09.2017
2.	CIDC New Delhi	16.09.2017
3.	Indian Society for Trenchless Technology, New Delhi	18.09.2017
4.	ECI New Delhi for training	21.09.2017
5.	MoU Robonomics AI India Private Limited (RAI)	22.06.2018
6.	Society for Advanced Technologies Bhopal	27.07.2018
7.	Aspiring Mind Assessment Pvt. Ltg. Haryana	28.08.2018
8.	MPCOST, Bhopal	13.08.2020
9.	Lousiana Tech. University Trenchless Technology Centre Ruston, LA-	08.09.2020



	71270	
10.	Dr. B.R. Ambedkar University of Social Science, Mhow	14.09.2020
11.	National Highway Authority of India	14.10.2020
12.	Think Future Technology Pvt. Ltd, Gurgaon (Haryana)	04.12.2020
13.	Edunet Foundation, Gurgaon	31-08-2021
14.	International Aviation Games Board, India	11-11-2021
15.	Police Training & Research Institute (PTRI), Bhopal	12-05-2022

## 6. Engineering Associations and Vigyan-Takniki Parishad

All the Engineering Departments have formed Engineering Associations of their respective program to encourage students to participate in professional activities so as to be better able to cope with the work environment they will step in to, after passing out. These societies conduct tours and organize talks by experienced professionals, seminars and workshops etc. in important fields related to the respective branches.

A Vigyan-Takniki Parishad with a wide membership among faculty members, has been founded a few years back for co-ordinated inter-disciplinary work. It has started publishing the SATI Journal of Science & Technology, a research journal.

The Institute also has the following local chapters of All India Professional Societies :

1. Indian Society for Technical Education, Vidisha Chapter
2. Computer Society of India, Vidisha Chapter
3. Student Chapter of Institution of Engineers (India) is proposed to be set up in near future.
4. IET Student Chapter.

## 7. Alumni Association

In the past 64 years the institute has produced a sizeable number of high quality engineers who have made the institute proud.

To remain connected with our alumni, an alumni association was formed in 1986 on the occasion of the Silver Jubilee of the Institute. Its membership is compulsory for all students. Some local chapters of SATI Alumni Associations are also formed in various cities and towns in the state and the country. An Alumni Co-ordination Committee (ACC) established the linkage with the alumni. The Alumni have been instrumental in bringing several laurels to the Institute. Alumni meets are conducted periodically.

## 8. Games, Sports & Physical Activities

The Institute provides excellent facilities for all major outdoor and indoor sports and has a full-time Sports personnel with supporting staff to assist in games and sports activities, Members of teaching staff deputed as Professors-In-Charge of various major games and sports.

The sports activities are conducted under sports clubs.

For the last 22 Years, the institute is successfully organizing "**Shrimant Madhav Rao Scindia Memorial inter engineering state level cricket tournament**".

Institute has following sports facilities :

1. Cricket, Football & Hockey Grounds
2. Racing Track
3. Tennis Courts
4. Basket Ball Court and Skating Ring.

5. Wooden Badminton Courts.
6. Games Hall for Table Tennis, Carom Board, Chess etc.
7. Well equipped gymnasium.

## 9. Extra-Curricular & Co-Curricular Activities

As part of its philosophy to impart total education, the Institute encourages a large number of extra-curricular & Co-Curricular activities so that the students develop a well-rounded personality and become responsible citizens too, apart from being good professionals.

The scheme of studies and examinations for B.Tech courses provide for General Proficiency marks in Final year in which weightage to games, sports, cultural and social service activities are given. Students are regularly advised to take up and participate in at least two activities out of the following :

- (i) Social Service Club
- (ii) Photography Club
- (iii) Dramatics Club
- (iv) Speakers & Skill Development Club
- (v) Art & Literary Club
- (vi) Sports, Health & Yoga Club
- (vii) Cyber & Coding Club
- (viii) Student Counseling Club
- (ix) Eco & Rural Technology Club
- (x) Student Chapters of various Societies

## 10. N.C.C. and N.S.S. Units.

### N.C.C. Unit

The NCC Unit of the Institute admits 100 cadets every year who are given technical and military training in the Institute with the help of P.I. staff deputed by the NCC. The Institute NCC unit has a good record of passing in B and C Certificate NCC examinations. Students are advised to join the NCC Unit so as to get the benefit in General Proficiency and to get benefits prescribed in Army Recruitment Rules. The State Government also gives special benefits to 'C' Certificate pass outs as per circular no. 572/305/1 (iii) dated 20-3-63 and No-1368/1992 (iii) 63 dated 28.6.63.

### N.S.S. Unit

An NSS Unit of 100 volunteers exist in the Institute. These volunteers carry out social service and rural development programmes and help government authorities to implement their schemes. The NSS Unit aims at inculcating leadership and good citizenship qualities in the volunteers.

The college NSS Unit has carried out a lot of activities in nearby villages such as identification of beneficiaries for IRDP loans and socio-economic surveys in a number of nearby villages. The NSS unit has developed many parks in the campus in which more than 500 plants have been planted.

## 11. Students Counseling and Guidance

A Mentor-Mentee scheme is in place for students counseling & guidance.

This scheme is implemented with an objective to guide B.Tech first-year students (mentees) on both educational and personal aspects. For the first-year students (group of 10 to 15 students) the mentors will be B.Tech II<sup>nd</sup> year students(SM) from the parent department. The B.Tech III<sup>rd</sup>-year students of the parent department will act as Student Mentor coordinators (SMC) of the three or four groups. Selection of mentor students will be done on the recommendation of the parent department. The parent department faculty member will act as Faculty Mentors (FM) for the same group of students and due credits will be provided for student mentors and student mentor coordinators.



## 12. Institute Web Portal Facility

Institute has procured and implemented result processing system and management system from CRISP, Bhopal. The acquired system developed the institution service portal including student registration, online fee collection, result publication feedback, online account of each student on SATI portal and online profiles of each department of SATI.

### Online services for the students

- a. Separate online account of each student.
- b. Student can access services and information of this portal through their login IDs provided by CRISP.
- c. Student will get their current status information pertaining to academic and examination.
- d. Student's Educational history in SATI.
- e. Online Enrollment card/ Smart Card
- f. Online examination form submission
- g. Online fee payment facility through internet banking.
- h. Online result publication.
- i. Digital copy of mark sheets
- j. Latest information related to Sports, Workshops, Seminars and other Events conducted by Institute and Department.
- k. Information regarding Awards and Scholarship.
- l. All useful forms and documents in downloaded format.
- m. Syllabus, timetable, etc.

## 13. Campus Facilities

### 1. Cooperative Stores

A registered cooperative stores exists in the campus which co-ordinates the management of Hostel messes and supplies other items of utility at reasonable rates.

### 2. Bank & Post Office

A full-fledged branch of State Bank of India along with ATM facility exists inside the campus providing good banking facilities to staff as well as students. Every student has to open a Bank Account as all payments to any student or other person is made by college only through an Account Payee cheque. A branch of Central Bank of India also exists in the campus. A post office also functions in the campus.

### 3. Dispensary

A dispensary with basic medical facilities has been set up in the campus with a qualified compounder. Services of one Male and one female Doctor are also available. Institute has a Tie-up with a hospital for the students.

**4. Guest House :** One guest House is available in the institute.

### 5. Alumni Transit Home

Institute has an alumni transit home constructed with the partial contribution by the Alumni. It has all the facilities for a comfortable stay. Alumni & parents of the students of the institute can stay here on nominal charges as per the norms.

### 6. Canteen

Institute ha canteen facility for students and staff within the institute premises. The cleanliness and food quality is continuously monitored.

**7. Kiosk/help Center** for online-off campus counseling exist in the institute.

## 14. Admissions to B.Tech. Program

Admissions process to all B.Tech. program in the Institute is conducted through online off campus counseling by Directorate of Technical Education, Bhopal, based on the common merit list of JEE. All courses are affiliated to the Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal.

### 14.1 Eligibility

- (1) Students passing (10<sup>th</sup> & 12<sup>th</sup>) examination qualifying in the JEE are eligible for admission to B.Tech. courses subject to the rank earned by them in the JEE Merit List and further subject to a system of choice and merit for courses, as well as institutions through ONLINE OFF CAMPUS counseling organized by DTE, Bhopal.
- (2) All candidates have to furnish proof of their parents or themselves being bonafide residents of Madhya Pradesh. Few seats are available for all India category (AIUR).
- (3) All candidates seeking admission on the seats reserved for SC/ST/OBC categories or in the Freedom Fighter or Defense Personnel category, handicapped category have to furnish proof of their caste or category for which the benefit of reservation is desired. Candidates are warned against providing false information or certificates as this will not only disqualify them from admission but also subject them to criminal proceedings.

All candidates are required to furnish the following certificates at the time of admission for verification propose. (Please do not submit the original certificates except Transfer & Character Certificate):

1. Mark List of JEE.
2. Mark Sheet of (10<sup>th</sup> & 12<sup>th</sup>) Examination.
3. Transfer Certificate from the Institute last attended.
4. Character Certificate from the Principal of the Institute last attended.
5. An affidavit stating reasons for the gap in studies (if any).
6. Caste & Income Certificate (in case of candidates claiming benefit of reservation).
7. Certificate of Bonafide Residence of State of Madhya Pradesh.
8. Four passport size photographs.
9. Medical Fitness Certificate.
10. Police verification certificate for outside of M.P. candidate.
11. Aadhar Card

Candidates will have to produce all original certificates for verification at the time of joining the Institute.

### 14.2. Availability of Seats.

The total intake for B.Tech. courses in all the branches in the Institute is 660 with branch-wise distribution as given below :

Branch-wise Seats Distribution		
1.	Civil Engineering	60
2.	Mechanical Engineering	60
3.	Electrical Engineering	60
4.	Electronics and Instrumentation	60
5.	Electronics & Communication	60
6.	Computer Science & Engineering	120



7.	CSE (Block Chain )	60
8.	Information Technology	60
9.	CSE (IoT)	60
10.	CSE (Artificial Intelligence & Data Science)	60
	<b>Total Seats</b>	<b>660</b>

The category wise distribution of seats in each branch will be as per the policy of the state government which will be known at the time of the admission.

**TFW (Tuition Fee Waiver) Seats :** 5% Seats (over and above) in all branches are available for the poor students under Tuition Fee Waiver (TFW) scheme.

**EWS (Economically Weaker Students) Seats :** 10% seats (over and above) in all branches of engineering are available for Economically Weaker Students

**Lateral entry :** 10% Seats (over & above) in all branches are available for Diploma Holder under lateral entry in II Year.

### 14.3. Admission to Higher Classes

Admission to higher classes is given to a student after he has completed regular course of studies of the previous class, fulfilling the requirement of attendance, sessional work etc. as provided in the ordinance of the Rajiv Gandhi University of Technology, Bhopal.

In grading system a student who has failed in more than Five (two for PG courses) theory papers or combination of more than Five (two for PG courses) theory papers and practicals (taken together) of immediate previous year will become ex student.

A student shall not be admitted in the fifth or higher semester unless he/she has fully passed/cleared the first and Second semester examinations. Likewise students shall not be admitted in Seventh semester or higher semester unless he/she has fully passed/cleared the first four semesters examinations.

A student may be disqualified by College Authorities if he/she violates rules of conduct which are detailed elsewhere in this prospectus under Rules of Discipline & Conduct or if in their opinion his continuance shall be against the interests of the Institute.

### 14.4. Admissions on Transfer

After the I year of B.Tech. in which admissions are controlled entirely by the Directorate of Technical Education, Madhya Pradesh, admissions on transfer from other institutions can be given at the discretion of the college authorities on vacant seats in each branch and different category, if any. Students who have clearly passed the previous examinations of their previous college/ university and whose character and conduct is certified to be good by the Head of the Institution previously attended shall be considered for such admissions, on selective basis. However, such admissions will be entirely at the discretion of the college authorities as per the State Govt. Policy and shall not be claimed as a right.

NOC (No Objection Certificate) will be issued to any student for transfer from this institute to other institute as per Govt. norms.

Fee, once paid by the student, will be refunded as per rules.

## Admission in B.B.A.

Admissions to the BBA course is provided through a process of counseling conducted by the Department of Higher Education, Govt. of Madhya Pradesh, on the basis of Merit.

## 15. Post-Graduate Courses-Admission Process

### (i) M.Tech.

In all post-graduate courses in engineering, admissions are provided through a process of counseling conducted by the Director Technical Education M.P., Bhopal, on the basis of the GATE Score/Merit in the qualifying examinations.

### (ii) MCA

Admissions to the MCA course is provided through a process of counseling conducted by the Director Technical Education M.P., Bhopal on the basis of an entrance test to be decided by M.P. Govt., merit in the qualifying examination.

### (iii) MBA

Admissions to the MBA courses are provided through a process of counseling conducted by the Director Technical Education M.P., Bhopal, on the basis of an entrance test to be decided by M.P. Govt., merit in the qualifying examination.

### (iv) M.Sc.

Admissions in M.Sc. Applied Chemistry are provided through process of counseling conducted by Department of higher education, Govt. of M.P., on the basis of merit.

All admissions are subject to provisions of respective ordinances of the Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal for UG & Post-Graduate Courses in Engineering and of the Barkatullah Vishwavidyalaya, Bhopal for those in M.Sc.,B.B.A. and M.B.A courses.

## 16. Academic Norms & Standards

**16.1. Attendance :** The University Ordinance requires a student to attend at least **75% of the classes scheduled for each Theory subject and each Practical subject of the curriculum.** The Director of the Institute, can, at his discretion, give a relaxation of 5% in this and the Vice-Chancellor, RGPV/BU Bhopal, the affiliating University, may give a further relaxation of 10% on the recommendation of the Director. These relaxations are given on the basis of very genuine reasons only, including illness. No special or extra relaxations are given on medical grounds, over and above the ones given above.

**16.2. Fine :** If a student remains absent from classes without applying for leave, he or she shall be fined at Rs. 10/- per period. Such applications can be sent to the Director through the respective Heads of Departments or Tutor Guardians. For mass absence a fine of Rs. 100/- per day per student shall be imposed.

**A Student may be expelled for being habitually irregular in the classes.**

**Due to short of attendance student may not be permitted to appear in end semester examinations.**

**The institue is following the process of continuous evaluation of a student in which he/she is evaluated every fortnightly. Students are advised to be regular in their classes.**



**16.3. Mid. Sem / Term work :** Mid. Sem / Term work marks are an integral part of the final awards given in each university examination and consist of :

- (i) 50% of total on the basis of class tests and / or terminal examinations, if held. The remaining are on the basis of attendance and submissions of the assigned tasks, in case of Theory subjects.
- (ii) 50% of total based on the quality of practical work done and feed-back based on interaction during practical classes. The remaining are based on the submission of Journals in time and the quality of submissions.
- (iii) 50% marks are awarded on the basis of attendance in classes.  
Efforts are made to hold at least one class test of each subject, in a month. It is in the interests of students to appear in the tests and try to get good ratings as these not only help him to procure good sessional marks but also to keep up with the progress of the subject in the class room.

## 16.4. Passing Standards for B.Tech. Programme

### 16.4.1 Grading System

1. The conversion from grade to an equivalent percentage in a given academic program shall be according to the following formula applicable to credit base grade system :

$$\text{Percentage marks scored} = \frac{\text{CGPA obtained by the student}}{10} \times 100$$

### 16.4.2 Credit Based Grading System (For Professional Courses):

1. Each course, along with its weightage in terms of units and equivalent credits shall be recommended by the concerned Board of Studies and shall be approved by the Academic Council and the Executive Council. Only approved courses can be offered during any semester.
2. In each semester, there shall be at least two Mid-term Examination (Internal) and one End semester Examination (External).
3. A Candidate with a backlog subject can appear in the examination of that paper whenever it is scheduled, subject to his/her fulfilling other conditions as laid down in respective ordinances of University.
4. The marks to be awarded as internal assessment shall be based on continuous evaluation of theory, practical, seminar, assignments, class work, mid-term etc. The weightage of marks to be accorded to each of the aforementioned sub-division shall be decided by the concerned Board of Studies.
5. Each Student, registered for a course, shall be awarded grade by the concerned faculty/ faculties of the specific subject/paper. The grade awarded to a student depends upon his performance in various examinations, assignments, laboratory work, Class work, midterm etc. The grades to be used and their numerical equivalents are as follows:

#### Credit Based Grading system

Grade	Grade Points	Description of performance
A+	10(91-100)	Outstanding
A	9(81-90)	Excellent
B+	8(71-80)	Very Good
B	7(61-70)	Good
C+	6(51-60)	Average
C	5(41-50)	Satisfactory
D	4(40 only)	Marginal (for PG Course)
D	4(31-40)	Marginal (for UG & Course)
F	0	Fail
I	0	Incomplete
W	0	Withdrawal

### Minimum Grade Point Required for Promotion in Higher Course shall be 5.0

**Rule** – The semester grade points average (SGPA) is calculated as follows:-

$$SGPA = \frac{\sum_{i=1}^n c_i p_i}{\sum_{i=1}^n c_i}$$

Where  $C_i$  is the number of credits offered in the  $i$  th subject of a Semester for which SGPA is to be calculated,  $P_i$  is the corresponding grade earned in the  $i$  th subject and  $i$  represents  $i$ th subject, the semester is having  $n$  number of subjects

$$CGPA = \frac{\sum_{j=1}^n SG_j NC_j}{\sum_{j=1}^n NC_j}$$

$SG_j$  = SGPA earned the  $j$ th semester.

$NC_j$  = Total credit allotted to  $j$ th semester.

$j = 1 \dots n$  represents the number of semesters in a given course.

6. Student may be awarded grade “I” (Incomplete) in courses, if he has missed a minor part of the course requirement, but has done all other parts satisfactorily. A student is not entitled for “I” grade simply because he has failed to appear in some examinations. Minor in this context shall imply tutorial/assignment or any other class work defined by the University as minor from time to time. An “I” Grade cannot be given for research units. An “I” grade award to any student must be converted to an appropriate later grade. Student awarded an “I” grade shall automatically be converted to a “F” grade, if he fails to make up such examination.
7. In one semester the number of credit offered to the candidates may be from 20-40 credits as decided by the concerned Board of Studies.
8. For award of the degree a candidate should have secured minimum CGPA from a total of credits allocated for the course, as recommended by the concerned Board of Studies.
9. The final examination grade sheet at the end of final semester examination of the course will show the Cumulative Grade Point Average (CGPA), percentage and division also. The division will be allotted according to the rule recommended by the concerned Board of Studies and approved by the Academic Council and the Executive Council of the University.

### 16.4.3 Promotion to Higher Semester Under Credit Based Grading System :

The criteria for continuation of study are as follows:

- a. To clear a particular subject the required grade and grade point is D (4.0)
- b. For promotion to next higher class, the required Cumulative Grade Point Average (CGPA) at the end of even semester is 5.0 and Cumulative Grade Point Average (CGPA) for completion of course/degree is also 5.0. For calculating CGPA, in a given year at the end of even semester, the marks obtained in the odd & even semester of that year shall only be considered.
- c. The criteria for promotion to the next higher odd semester shall be governed by concerned ordinance of University.

The concerned Board of Studies shall however be empowered to modify/change any of the above criteria which shall however require approval of the Academic Council and the Executive Council of the University.



## 16.5 Initiative taken from session 2022-23

From the academic session 2022-23, several initiatives are taken to revamp the existing curriculum in view of "Curriculum Framework for Undergraduate Programmes for implementation in Higher Educational Institutes" communicated by The Chairman University Grants Commission (UGC) dated 7th December 2022 in light of National Education Policy (NEP) 2020. A brief summary of some measures taken are as follows:

I. A tentative semester wise credit distribution for B.Tech. program is as follows:

Semester	Credits
I Semester	19 Credits
II Semester	21 Credits
III Semester	22 Credits
IV Semester	22 Credits
V Semester	24 Credits
VI Semester	24 Credits
VII Semester	16 Credits
VIII Semester	12 Credits
Total	160 Credits (Min.)

### II. Minor degree / Honors degree

There is a provision for students opting for minor degree / honors degree if they earn extra 20 credits. A student can acquire these 20 credits through MOOCS courses only from V semester onwards. The basket of MOOCS courses for minor / honors degree should be declared well in advance and be approved through BoS. This option be made available only those students who have CGPA > 7 and no backlog can be permitted to opt for this. A faculty member will act as mentor for each of these courses. The in house assessment for MOOCs courses (if required) will be done only after a well developed moderation process.

### III. Provision of summer semester

In the final year of B.Tech. course if a situation arises when a student who got placed is asked to do internship / undergoing internship at remote location and cannot appear for MOOCs course or assessment. If such a student has a backlog of previous semester, then there will be a 8 week summer semester will be for above mentioned students if they apply well in advance. This provision of summer semester will be only for final year students, to enable them clear their backlog of only VII / VIII semester subject may help them in securing a job or enroll for higher education and save their one year. The teaching learning will be through assignments and if required through instruction medium.

### IV. Open electives (OE) courses

There is a provision of 4 open elective (OE) courses with a total weightage of 12 credits in B.Tech. curriculum from III semester onwards. These courses are to be selected by students from other Departments (i.e. not from parent Department). While selecting these courses, a student should check his eligibility as per the prerequisite (if any) mentioned.

### V. Acknowledging club / extracurricular activities

For over all development of a student, every student should participate in extracurricular activities of his choice. He can join various clubs, NCC or NSS etc. Participation in these activities will be assessed each year and for assigning 1 credit per year in B.Tech. program.

## **VI. Holistic and Value added courses**

To improve employability of B.Tech. students, it is proposed to provide them an option to register in one of the holistic education courses from III sem. There are some value added courses also viz. AI- machine learning, supply chain management, green chemistry, laser technology, nonconventional energy sources, digital marketing, project management etc. These courses will of 30 Hrs. duration and will be taught during weekends and after assessment grading of students will done. These courses will be non credit and above the minimum requirement of 160 credits.

## **17. Scholarships, Stipends & Awards**

### **17.1. For Undergraduate Stream**

Following scholarships and stipends are available to students, about which information is given on Institute notice boards at appropriate times and may also be obtained from the Academic Section of the Institute.

1. Merit Awards
2. Merit-cum-Means Stipends
3. Post-Matric Scholarship to SC/ST & O.B.C. Students
4. Mukhya Mantri Medhavi Yojna
5. S.D. Sood Memorial Scholarship (Private)
6. Dr. D.P. Shukla Memorial Scholarship (Private)
7. Scholarship to Physically Handicapped students by the Panchayat & Samaj Kalyan Deptt. of Madhya Pradesh State Government
8. Miscellaneous State Government Scholarships from states sponsoring students under non-M.P. Quota of Government of India
9. Pragati and Saksham Scholarships from AICTE
10. Scholarships given by various Trusts and Corporations.
  - a. Cummins India Foundation
  - b. Jindal Trust Delhi
  - c. Food Corporation of India
  - d. Indian oil Corporation

### **Merit Awards**

#### **V.V. Natu Merit Awards**

Two awards have been initiated by the Institute out of a fund created by college staff in memory of the Founder-Principal of the Institute, Late Shri V.V. Natu

- (i) A Merit Award to a student securing highest marks in the pre final year B.TECH. examination.
- (ii) A Merit Award to a student securing highest marks in the subject of Environmental Engineering in VI & VII Sem. B.Tech. (Civil Engg.)

#### **Pradeep Ambare Awards**

Two awards have been initiated by Shri Pradeep Ambare, an alumnus of our institute.

- (i) A merit award to students securing highest marks in the Pre-final year examination.
- (ii) A merit award to students securing highest marks in the II<sup>nd</sup> year examination.



### **Castigliano's Award**

A merit award to a student securing highest marks in the Structural Engineering Subjects in III, IV, V, VI, VII Sem B.Tech. (Civil Engg.).

### **Merit Awards by the Institute**

A large number of Merit Awards are given by the Institute to students securing I, II and III places in the University Examinations, in each class of each branch every year.

### **17.2 For Post-Graduate Stream**

#### **Scholarships to M.E./M.Tech. Students :**

GATE qualified students of M.E./M.Tech. courses shall be given scholarship if sanctioned by AICTE subsequently.

**17.3** Educational Loans are available from nationalized banks such as Central Bank of India, Oriental Bank, Punjab National Bank, State Bank of India, Canara Bank etc.

#### **17.4 Students Welfare Scheme :** Three schemes exists

- (a) Medical Assistance upto Rs. 5,000/- for serious injury in an accident.
- (b) Free coaching to weak students as per their need.
- (c) In house career oriented courses like GATE, CAT, GRE classes.
- (d) Accidental Insurance of students from New India Insurance Company

## **18. Miscellaneous Facilities :**

- 1. Smart Card** are issued to every student after admission to the Institute which he/she is required to carry always when in the Institute campus. A student will have to present his Smart Card when demanded by any officer of the Institute. Students are also advised to carry their Smart Card outside the campus also as it may help them in an odd situation.  
The Smart Card is required to be deposited back to the Institute office when the student leaves the Institute.
- 2. Railway Concession** under rules of the Indian Railways is provided to students when travelling to and from their home town for vacations but it is allowed only for the place given by the student as his permanent address at the time of admission. A student can, however, inform any change in his permanent place of residence subsequently. No. claim for change shall be accepted at the time of issue of the concession. Railway concession is also available for educational tours/project tours arranged or sponsored by the Institute.
- 3. Monthly Season Tickets**, under rules of the Indian Railways, are available to students who do not stay in Vidisha but have to commute every day for their classes.
- 4. Institute Bus** for Industrial visits, to participate in open campus interviews outside Vidisha is also available in the Institute.

## **19. Hostel Facilities**

The Institute has three Boy's Hostels having a total of 300 seats and two Girls Hostels having a total of 250 seats. The hostel rooms are provided with adequate furniture and other facilities, amenities like indoor games hall, Reading Room-cum-TV Room etc. All hostels have internet access through Wi-Fi and 'e' library facilities. The messes are run in each hostel by the inmates of the hostel on cooperative basis by appointing a Mess Secretary from among themselves every month. The messes are however,

supervised by the wardens. Wardens appoint Hostel Prefects and Wing Prefects to assist them to administer the hostels and to ensure that the problems of the hostellers are promptly taken care of. Care Takers also have been appointed in all the hostels.

Students who desire admission to the hostel have to apply on a prescribed application form to the Chief Warden, who will allot a seat in consultation with the Committee of Wardens. Although hostel seats are allotted generally on "first come, first serve" basis but admission to hostels is totally at the discretion of the Wardens' Committee which may deny admission to any student even without having to assign a reason there of.

Students whose academic progress is not satisfactory, who are guilty of misdemeanor or mischief in hostel or college, who are addicted to drinks or drugs, have a contagious disease, have been chronic defaulters in clearing college, hostel or mess dues etc. are generally not given admission to the hostels again.

Students admitted to hostels have to obey the Hostel Wardens and follow the hostel rules. They have to maintain a high level of conduct and discipline.

### **19.1. Hostel Rules**

- (i) Students are responsible for the safety of all the properties of the hostels and messes and in case found guilty of damage to or theft of any property, they may be fined, individually or collectively, or if this is found to be by a wilful act, they may be expelled from hostel or college.
- (ii) Hostellers are required to be in their rooms by 9.30 P.M. (boys) and 8.00 P.M. (girls) unless they have taken prior permission from the Warden.
- (iii) It is strictly prohibited to let any non-hosteller including friends, relatives or pets to live in a hostel room, unless permission has been taken from Warden.
- (iv) Hostellers are warned against keeping any kind of weapons, alcohol and other toxic substances, drugs, explosives or other things considered objectionable by other inmates or wardens and may be penalized heavily if found keeping these. This may also lead to expulsion from hostel or college.
- (v) It is strictly prohibited to hold any meetings of political groups or parties in the hostels.
- (vi) Students are required to vacate their rooms before going on vacations and hand over their room keys to the Wardens for necessary maintenance work. They may approach the Wardens for advice and assistance for safe storage of their belongings when away on vacation.

### **19.2. Hostel Mess Rules**

- (i) All hostellers have to compulsorily join the mess in their respective hostels. Cooking own meals in rooms or arranging food from outside is not permitted.
- (ii) Messes are run on a cooperative basis by hostellers themselves under general supervision of the wardens, through a Mess Secretary, appointed from among the hostellers themselves, by general consensus. The Mess Secretary is not paid any remuneration or allowance for this work.
- (iii) Hostellers have to deposit Mess Securities and Mess Advances as prescribed by college administration and pay their mess bills regularly by 10th of every month. The Mess Security or Mess Advances are meant for providing a buffer to cover up shortage of funds in case of delays and defaults by students in clearing their Mess Dues.
- (iv) In case a Mess Bill is delayed, the Wardens will fix an ad hoc amount based on the average monthly bill and dues will have to be paid up to the 10<sup>th</sup> day of the every month by taking this amount as the amount of the Mess Bills.
- (v) The Mess Security will not be adjusted against any Mess Dues, It will only be refunded after a student leaves the hostel.
- (vi) Meals are to be taken in the mess only but in case of illness, it may be served in rooms by permission of the Warden concerned.



- (vii) A hosteller is supposed to take meals on all the days of a month but he/she may cancel meals in accordance with rules made by mess members and wardens for this purpose. Mess charges are divided in to two categories, namely, 'fixed charges' and 'running charges' which are decided by the mess members and wardens to safe guard the interests of those hostellers who take meals regularly throughout the month. The fixed charges will have to be paid in total by all. Hostellers who wish to skip meals have to give a prior notice of at least 12 hours and in such cases exemption from 'running charges' only shall be given to them.

## 20. Student Discipline

### **The Institute observes zero tolerance policy towards Ragging of juniors.**

Students are expected to maintain a high standard of general conduct and discipline, becoming to their future careers as professional engineers. They must not get involved with anti-social elements under any circumstance. Activities leading to criminal action and prosecution may create obstacles in their future careers.

A student guilty of misconduct, breach of discipline, ragging of juniors or other violent acts in or out of campus may be suspended from classes or expelled from the Institute according to the gravity of the offence committed.

#### **20.1 (a) Acts considered objectionable and punishable**

- (i) Disobedience of orders of the Institute administration and non-compliance of Institute or hostel rules, default in payment of fees and clearance of dues etc. This includes outside departments, industries or organisations where they are sent for vacation training or project work.
- (ii) Misbehaving with teachers, officers and other staff of the Institute or obstructing them from carrying out their official duties.
- (iii) **Harassment or ragging of Juniors, quarreling with other students, indulging in violence with fellow students or outsiders in or out of campus. Ragging has been declared a criminal offence by the State Government and may result in criminal prosecution by police.**
- (iv) Involvement with anti-social elements and in criminal activities whether prosecuted, convicted or not.
- (v) Irregularity in classes, neglect of studies and unsatisfactory progress in studies.
- (vi) Causing damage to Institute properties.
- (vii) Giving wrong information, submitting forged certificates and documents at the time of admission or thereafter. In such cases admission of the concerned student will be cancelled apart from other legal action by Institute or Government.
- (viii) Using or attempting to use unfair means in University or local examinations or class tests. Use of unfair means in University examinations has been declared a criminal offence by the state Government and may lead to criminal prosecution apart from other penal action by University or College.
- (ix) Membership of unauthorised clubs, societies, and other organisations, indulging in political activities and agitation or involvement in strikes and boycotts, submission of any representation or complaint to directly district administration or otherwise, etc.

#### **20.1 (b) Penalties and Disciplinary Actions**

Following are some of the actions which may be taken by Institute authorities on account of misconduct or other undesirable activities listed above :

1. Fine.
2. Cancellation or deduction from scholarships if required.
3. Suspension from classes and debarring from Mid-Sem, class tests etc.
4. Debarring from availing facilities like library railway concession etc.

5. Detention from University Examinations.
6. Expulsion from hostel.
7. Temporary or permanent expulsion/rustication from the Institute.

### **20.1 (c) Criminal Prosecution**

**The State Government has declared the Ragging of Juniors as criminal offences and involvement in these activities may lead to criminal prosecution by police.**

### **20.1 (d) Proctorial Board**

A Proctorial Board consisting of teachers connected with academic and other activities of the Institute, representatives of Departments and Hostel Wardens, deals with cases of student conduct and discipline and decides punishments or penalties to be imposed in more serious cases referred to it by college administration.





## Department wise Faculty Members (As on 26.06.2024)

S.No.	Name of Faculty Member	Designation	Mobile No.
1	Dr. Y.K. Jain	Director	98264-61191
<b>Civil Engineering</b>			
2	Dr. Rajeev Jain	Professor & Head	9425003796
3	Dr. J.S. Chauhan	Professor	9826244840
4	Dr. Sanjay Bhandari	Professor	9826089073
5	Dr. Pramod Sharma	Professor	9826515525
6	Dr. Pradeep Purohit	Professor	9407264679
7	Dr. Shishupal Singh Goliya	Professor	9826258340
8	Prof. K.K. Punjabi	Asso.Professor	9425642159
9	Shri Sanjay Saraswat	Asstt.Professor	9424426389
10	Shri Deepak Sharma	Asstt.Professor	9425149997
11	Dr. Rakesh Mehar	Asstt.Professor	8989119816
12	Dr. Bablu Kirar	Asstt.Professor	9997416266
13	Dr. Shubha Khatri	Asstt.Professor	8959033037
<b>Agricultural Engineering</b>			
14	Shri Satyam Wankhede	Asstt.Professor	8518965385
<b>Mechanical Engineering</b>			
15	Dr. Pankaj Agarwal	Professor & Head	9826278881
16	Dr. Sanjay Katarey	Professor	9826050049
17	Dr. Prabhulal Verma (On deputation)	Professor	9425640741
18	Dr. Ashish Manoria	Professor	9425463722
19	Dr. Shrikrishna Dhakad (On deputation)	Professor	9827231814
20	Shri Sanjay Jain	Asso.Professor	9827089239
21	Shri Sandeep Jain	Asso. Professor	9826273342
22	Dr. Ravindra Mohan Saxena	Asstt. Professor	9424421247
23	Dr. Chandrapal Singh	Asstt. Professor	9826227054
24	Shri Neeraj Sen	Asstt. Professor	9827363557
25	Shri J.P.Shakya	Asstt.Professor	9425444820
26	Dr. Kamlesh Kr.Sharma	Asstt.Professor	9827272128

27	Dr. Pradeep Singh	Asstt.Professor	7987186738
28	Shri Pankaj Sonkusare	Asstt.Professor	9691780667, 7999804712
29	Shri Nikhil Mohan Vyas	Asstt.Professor	9993534809
<b>Electrical Engineering</b>			
30	Shri Chandrashekhar Sharma	Asso.Professor	9406536958
31	Shri Sanjeev Gupta (On deputation)	Asso.Professor	9425150167
32	Shri Shivendra Singh Thakur	Asstt.Professor	9425463869
33	Shri Praveen Karkare	Asstt..Professor	9977380564
34	Shri Sudhir Sharma	Asstt.Professor	9424457143
35	Dr. Monika Jain	Asstt..Professor	9993608935
36	Dr. Shilpi Tomar	Asstt. Professor	6265388701
37	Dr. Jitendra Kumar Tandekar	Asstt. Professor	9406784831
38	Smt. Deepti Jain	Asstt.Professor	9424406757
39	Shri Abhishek Sonker	Asstt.Professor	7987047425
<b>Electronics &amp; Instrumentation Engineering</b>			
40	Dr Ashutosh Datar	Professor & Head	9826216560
41	Dr. Alok Jain	Professor	94254-63116
42	Dr. Jyotsana V. Ogale	Professor	9827223171
43	Dr. Sanjeev N. Sharma (On Lien)	Professor	9425150391
44	Dr. Preeti D. Swami (On deputation)	Professor	9406522431
45	Dr. Shilpa Datar	Asstt.Professor	9425620740
46	Shri Krishna Gopal Kirar	Asstt.Professor	9827598226
<b>Electronics &amp; Communication Engineering</b>			
47	Dr. Devendra Kumar Shakya	Asstt.Professor	9406522481
48	Dr. Neelesh Mehra	Asstt.Professor	9425642202
49	Shri Munnalal Jatav	Asstt.Professor	8989750530
50	Smt. Suchi Mishra	Asstt.Professor	9424425840
51	Smt. Bharti Mehra	Asstt.Professor	9584144049
52	Dr. Sweety Jain	Asstt.Professor	7697732877
53	Shri Abhishek Jain	Asstt.Professor	9300618580
54	Shri Neeraj Kumar	Asstt.Professor	



<b>Computer Science &amp; Engineering</b>			
55	Dr. Kanak Saxena	Professor & Head	9826280706
56	Dr. Umesh Banodha (On deputation)	Asso.Professor	9425640876
57	Shri Ajay Kumar Goyal (On Lien)	Asst.Professor	9926220339
58	Smt. Shaila Chugh	Asst.Professor	9926337014
59	Dr. Sunil Joshi	Asst.Professor	9425372362
60	Dr. Pranita Jain	Asst.Professor	9827239340
61	Shri Satish Pawar	Asst.Professor	9893269683
62	Ku. Usha Kiran Tigga	Asstt.Professor	9806037350
63	Smt. Sumeet Dhillon	Asstt.Professor	9977926241
64	Shri Mukesh Azad	Asstt.Professor	7599187535
65	Dr. Divya Rishi Sahu	Asstt.Professor	8827133880
66	Mrs. Nupur Modh	Asstt.Professor	8878474700
67	Ms. Ruchi Thakur	Asstt.Professor	9981026130
68	Mrs. Jyoti Sonkar	Asstt.Professor	9399586477
69	Mrs. Garima Jain	Asstt.Professor	9407142967
70	Mrs. Ruchi Shrivastava	Asstt.Professor	9015704983
<b>Information Technology</b>			
71	Dr. Shailendra Shrivastava	Professor & Head	9425150410
72	Shri Ram Ratan Ahirwal	Asst.Professor	9424458047
73	Shri Abhishek Mathur	Asst.Professor	9827798341
74	Shri Deepak Sain	Asstt.Professor	9827613248
75	Shri Aditya Singh Bais	Asstt.Professor	9425642102
76	Ms. Approva Yadav	Asstt.Professor	9713380117
<b>Internet of Things (IoT)</b>			
77	Shri Vipin Patait	Asstt.Professor	7895167792
78	Ku. Dolly Panthi	Asstt.Professor	7047616955
79	Mrs. Nimisha Bhandari	Asstt.Professor	8982229889
80	Mrs. Anusha Lahoti	Asstt.Professor	9406506455
<b>Artificial Intelligence &amp; Data Science (AI &amp; DS)</b>			
81	Smt. Rashi Kumar	Asstt.Professor	8890652377
82	Smt. Smriti Dubey	Asstt.Professor	7389199866

83	Ms. Sheena Kumar	Asstt.Professor	7898251789
84	Dr. Abhay Upadhyay	Asstt.Professor	8319420696
<b>App. Science Department</b>			
85	Dr. Manoj Datar	Professor & Head	9425620738
86	Dr. Jetendra Parashar	Professor	9424415354
87	Dr. Sachin Mahajan	Professor	9424415357
88	Dr. Rajendra Dubey	Professor	9425148958
89	Dr. Shailesh Jaloree	Professor	9424418356
90	Dr. Vineeta Singh (On deputation)	Asso. Professor	9425673743
91	Dr. Ravi Jain	Asstt.Professor	9893731008
92	Dr. Poonam Lata Prabhakar	Asstt. Professor	9425148677
93	Dr. Rajendra Kr. Pathak	Asstt.Professor	9893540442
94	Dr. Raje Sengar	Asstt.Professor	9425858956
95	Dr. Namrata Singh Rajawat	Asstt.Professor	9926351749
96	Dr. Swati Dubey	Asstt.Professor	8120924010
<b>Humanities Department</b>			
97	Dr. Amitosh Singh	I/C Head	9406549654
98	Ms. Aditi Dwivedi	Asstt.Professor	9340146315
<b>Management Department</b>			
99	Dr. Prashant Tiwari	I/C Head	9827384835
100	Dr. Manorama Saini	Professor	9425432339
101	Shri Sachin Jain	Asstt. Professor	9425432335
102	Dr. Govindrajan Chetty	Asstt. Professor	8989412020
103	Dr. Anand G. Chandrawanshi	Asstt. Professor	9424492947
104	Dr. Veena Datar	Asstt.Professor	9406958988



<b>HOSTEL WARDENS</b>				
S.No.	Name of Hostel	Name of Hostel Warden	Mobile No.	Phone No.Hostel
1.	Chief Warden	Dr. Ravi Jain	98937-31008	--
<b>Boys Hostel</b>				
1.	New Boys Hostel	Dr. Ravi Jain	98937-31008	250409
2.	Jawahar Lal Nehru Hostel	Dr. Mukesh Azad	75991-87535	250701
3.	R.N. Tagore Hostel	Dr. Vipin Patait	78951-67792	250302
<b>Girls Hostel</b>				
1.	Kalpna Chawla Hostel	Dr. Shilpi Tomar	62653-88701	250127
2.	Gajra Raje Girls Hostel	Prof. Rashi Kumar	88906-52377	--
<b>Officer In-Charges of Various Sections</b>				
1.	Dean, Academic	:	Dr. Alok Jain	
2.	Dean, R & D	:	Dr. Jetendra Parashar	
3.	Dean, Student Welfare	:	Dr. Jyotsna V. Ogale	
4.	Proctor	:	Dr. Pramod Sharma	
5.	Establishment Section	:	Dr. Manoj Datar	
6.	Controller Exams	:	Dr. Sachin Mahajan	
7.	Advisor Placement Cell	:	Dr. Ashutosh Datar	
8.	Placement Officer	:	Shri Abhishek Mathur	
9.	Electricity & Campus Security	:	Shri Shivendra Singh Thakur	
10.	Store	:	Shri Praveen Karkare	

### **Special Undertakings & Units**

1	National Cadet Core (N.C.C.)	Shri Mukesh Azad Ku. Usha Kiran Tigga
2	N.S.S.	Shri K.G. Kirar, Shri Mukesh Azad Dr. Shilpi tomar

### **Academic Affairs Committee**

1	Director	Dr. Y.K. Jain	Chairman
2	Dean Academic	Dr. Alok Jain	Member
3	All HoDs		Member
4	IQAC Coordinator	Dr. Ashish Manoria	Member
5	Registrar	Shri Praveen Karkare	Member
6	Special Invitee (if any)		Member

### Women's Grievance Cell

1	Dr. Manorama Saini	Chairperson
2	Prof. Shaila Chugh	
3	Dr. Poonamalata Prabhakar	
4	Prof. Sumit Dhillon	
5	Dr. Monika Jain	
6	Prof. Rashi Kumar	
7	Dr. Shilpi Tomar	
8	Dr. Sweety Jain	
9	Smt. Ritu Raghuwanshi	
10	Ms. Vedanshi Jain, B.Tech Second year CSE (BC)	

### Committee to prevent atrocities against SC/ST

1	Dr. S.S. Goliya
2	Prof. Ram Ratan Ahirwal
3	Dr. D.K. Shakya
4	Prof. Usha Kiran Tigga
5	Prof. Pankaj Sonkusre
6	Shri Ganesh Ram Chidar
7	Smt Vinita Ahirwar
8	Registrar

### Proctorial Board

1	Proctor	Dr. Pramod Sharma	Chairman
2	Dean Academic	Dr. Alok Jain	Member
3	Dean Student Welfare	Dr. Jyotsna Ogale	Member
4	Concerned HoD		Member
5	Concerned hostel Warden		Member
6	Incharge Security	Prof. S.S. Thakur	Member
7	Registrar	Shri Praveen Karkare	Member
8	Special Invitee (if any)		Member



### Internal Complaint Committee (ICC)

1	Dr. Manorama Saini	Chairperson
2	Dr. Shilpa Datar	
3	Dr. Poonamalata Prabhakar	
4	Smt. Indira Sharma	
5	Smt. Ritu Raghuwanshi	
6	Ms. Mohini Pathak, III year IoT	
7.	Ms. Vedanshi Jain, B.Tech Second year CSE (BC)	

### Anti-ragging Committee

1	Dr. Pramod Sharma	Chairman
2	Dr. Sanjay Bhandari	Member
3	Dr. Pankaj Agarwal	Member
4	Dr. Jyotsna Ogale	Member
5	Prof. C.S. Sharma	Member
6	Dr. Ravi Jain	Member
7	Dr. Mukesh Azad	Member
8	Dr. Shilpi Tomar	Member
9	Shri Praveen Karkare	Convener

**CONTACT PERSONS WITH TELEPHONE NUMBERS IN CASE OF EMERGENCY OR FOR LODGING ANY COMPLAINT OF RAGGING OR FOR OBTAINING ANY INFORMATION.**

<b>Dr. Y.K. Jain</b> Director	(M) 98264-61191
<b>Dr. Pramod Sharma</b> Proctor	(M) 98265-15525
<b>Dr. Alok Jain</b> Dean Academic	(M) 94254-63116
<b>Dr. Jyotsna Ogale</b> Dean Student Welfare	(M) 93402-63179
<b>Dr. Manorama Saini</b> Counselor	(M) 94254-32339
<b>Dr. Sachin Mahajan,</b> Controller Exam	(M) 94244-15357
<b>Shri S.S. Thakur</b> I/C Security	(M) 94254-63869
<b>Shri Praveen Karkare</b> Registrar	(O) 251083 (M) 99773-80564
<b>Shri K.G. Kirar</b> NSS Officer	(M) 98275-98226
<b>Shri Mukesh Azad</b> NCC Officer (Boys)	(M) 9981439641
<b>Ku. Usha Kiran Tigga</b> NCC Officer (Girls)	(M) 98060 37530
<b>Civil Line (Dehat) Thana</b>	<b>232826</b>
<b>Vidisha Kotwali</b>	<b>232835</b>
<b>Collector, Vidisha</b>	<b>234520</b>
<b>S.P., Vidisha</b>	<b>234710</b>
<b>Vidisha STD Code No. (07592)</b>	



## IQAC CELL OF THE INSTITUTE

Category	Nomination	Remarks (if any)
Head of the Institution	Dr. Y.K. Jain	Chairperson
Few Senior Administrative officers	I. Dean Academic II. Dean R & D III. Dean Student Welfare	
Teachers	I. Dr. Rajendra Dubey II. Dr. Ashutosh Datar III.	
Management nominee	I. Justice(Former) N.K. Mody II.	
Nominees from (i) Local society  (ii) Student  (iii) Alumni	Shri Atul Shah  Mr. Ms.  Er. Shailendra Jain (1990 Electrical)	
Nominee from (i) Employers (ii) Industrialists  (iii) Stakeholders	Er. Shailendra Gupta, Vice-President of Yash Technologies Pvt. Ltd, Indore Er. Sanjeev Sachdeva, Ferrotech Engineers, Sector F Govindpura, Bhopal  Er. Sunil Jain	
Coordinator of IQAC	Dr. Ashish Manoria	

## SATI CLUBS

**Dr. Ravi Mohan Saxena : Cultural and Institutional Club Coordinator**

S.No.	Name of Club	Tentative charter activities	Coordinator	Co-ordinator
1.	Social Service Club	NCC, NSS, Blood Donation, Community Connect, Teaching to Community Children, Celebrations of Independence & Republic Day etc.	Shri Mukesh Azad	Mrs.Rashi Kumar Ku.Usha Tigga
2.	Photography Club	Organizing exhibitions, Creation of videos, Photography during events to be organized in the Institute, Assisting faculty members in creation of online contents etc.	Dr. Monika Jain	Shri Abhishek Jain
3.	Dramatics Club	Arranging and conducting plays, Street plays on Socio-economic themes, Arranging workshops on dramatics	Dr. Jitendra Tandekar	Dr. Swati Dubey
4.	Speakers & Skill Development Club	Managing Stage during various programs of the Institute, Compeering, Organizing debate competitions, Group discussions expert lectures (other than technical) etc.	Dr. Shilpa Datar	
5.	Art & Literary Club	SPIC macay, Painting, Drawing, Music club, essay, Poetry, Bhajan Sandhya	Dr. R.M. Saxena	Dr. Veena Datar
6.	Sports, Health & Yoga Club (Various sub groups of sports may be created)	All sports, Health & Yoga related activities, Organizing Cricket Tournament	Shri Neeraj Sen	Dr. R.K. Pathak Shri Sacheendra Singh (PTI)
7.	Cyber & Coding Club	Arranging Training, Organizing Competitions and talks in the domain area	Mrs. Sumit Dhillon	Dr. Vipin Patait
8.	Student Counseling Club	To help and guide students on curriculum or various other issues faced by them	Dr. Pranita Jain	Ku.Sheena Kumar Mrs. Smriti Dubey
9.	Eco & Rural Technology Club	Waste Management, Plantation, Green Technology, Solar Energy etc.	Dr. Bablu Kirar	Shri N.M. Vyas
10	Student Chapters of various societies	Department/Consortium of documents must form one local society in their discipline or student chapter of various societies viz ISTE, IETE, IET, IEEE, CSI etc. and arrange academic activities	One faculty from each department to be deputed by HoD	





## SAMRAT ASHOK TECHNOLOGICAL INSTITUTE

A NAAC Accredited Autonomous Engineering College,

Affiliated to RGPV & BU, Bhopal

NBA accredited for B.Tech.in CE, ME, CSE & EI

Vidisha (M.P.) 464001

No.:SATI/Acad./2024-25/

Date: 14.07.2024

### Revised Academic Calendar 2024-2025

For B.Tech. II, III, Final year and M.Tech./MCA/MBA/M.Sc. II Year Program

S.No.	Activity	Odd Semester	Even Semester
1.	Registration	01.07.24 - 12.07.24	30.12.24 - 04.01.25
	With late fee of Rs. 100/-	16.07.24	05.01.25 - 07.01.25
	With late fee of Rs. 500/-	19.07.24	08.01.25 - 12.01.25
	With late fee of Rs. 2000/-	23.07.24	13.01.25
2.	Teaching start	15.07.24	10.01.25
3.	Last date for change of OE (III year batch 2022-23 admitted)	29.07.24	08.01.25
4.	I Periodic assessment	09.08.24	10.02.25
5.	Mid semester Exam-I	16.08.24 - 23.08.24	17.02.25 - 21.02.25
6.	II Periodic assessment	08.10.24	15.04.25
7.	Mid semester Exam-II	14.10.24 - 21.10.24	04.04.25 - 11.04.25
8.	Mid semester break for students	--	14.03.25 - 18.03.25
9.	Submission of Exam Forms	16.10.24 - 25.10.24	24.03.25 - 31.03.25
	With late fee of Rs. 100/-	26.10.24 - 31.10.24	01.04.25 - 06.04.25
	With late fee of Rs. 500/-	01.11.24 - 05.11.24	07.04.25 - 11.04.25
10.	Teaching ends	24.10.24	05.04.25
11.	Non-credit / Audit / HEC Course examination/evaluation	25.10.24	07.04.25
13.	Diwali Vacation for Students	26.10.24 - 03.11.24	--
12.	Semester Exam – Theory	06.11.24 - 29.11.24	21.04.25 - 09.05.25
	Practical	02.12.24 - 06.12.24	13.05.25 - 17.05.25
13.	Vacation (for students) / Internship	07.12.24 - 31.12.24	18.05.25 - 05.07.25
14.	Result declaration	January	June/July

Note:- (i) The examinations can be conducted in two shifts and two papers in a day.  
(ii) For sports and other activities please see sports and activity calendar.

Copy to:

1. All HoDs
2. Dean Academic
3. Dean Students Welfare
4. Registrar
5. Controller (Examination)
6. Accounts Section
7. Sports Section
8. Institute website

Dean (Academic)

Director



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### Events / Activities 2024-25

S. No.	Event/Activity	Date
1.	Celebration of Independence Day – Cultural coordinator, NCC, NSS	15.8.24
2.	Celebration of Engineers Day – coordinator Electrical Engg. Deptt.	15.9.24
3.	Celebration of Vishwakarma Jayanti – coordinator Mech. Engg. Deptt.	17.9.24
4.	Shrimant Madhavrao Scindia Memorial Service – Cultural coordinator	30.9.24
5.	Shrimant Rajmata Vijayaraje Scindia Memorial Service – Cultural coordinator	12.10.24
6.	Technovision – Prof.Shailendra Shrivastava & Prof.R.R.Ahirwal	26-28 Oct.2024
7.	Celebration of Institute Foundation day- Coordinator All HoDs	01.11.24
8.	Celebration of National Mathematics Day – coordinator App. Maths	22.12.24
9.	Celebration of Silver Jubilee Alumni Meet – Alumni & TnP Cell	will be notified later after consent from Alumni
10.	Celebration of Rashtriya Yuva Divas (Swami Vivekananda Jayanti) – Coordinator Management Dept.	12.01.25
11.	Republic Day – Cultural coordinator, NCC, NSS	26.01.25
12.	Shrimant Madhavrao Scindia Memorial Cricket Tournament – Sports Section	Second week of Feb.25
13.	National Science Day – coordinator App. Science Deptt.	28.02.25
14.	International Women’s Day – coordinator MBA Deptt.	08.03.2025
15.	Samrat Utsav – Prof.P.Purohit & Prof.S.Saraswat	10 - 12 March. 25
16.	Sports, Cultural, Social activities, etc. (Please see sports calendar, events during Technovision, Samrat Utsav & schedule of respective clubs )	

Dean (Academic)

Director





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Vidisha (M.P.) 464001

### Sports Calendar 2024-25

S.No	Activity	Day	Date(s)	Event	Time
1.	Football	Sat., Sunday	3-4 Aug.2024	Boys and Girls	8 AM to 6 PM
2.	National Sports Day	Tuesday	29 Aug.2024	Body building	5 PM to 8 PM
3.	Chess	Sat., Sunday	5-6 Oct. 2024	Boys and Girls	8 AM to 6 PM
4.	Table Tennis	Sat., Sunday		Boys and Girls, Singles & Doubles	8 AM to 6 PM
5.	Badminton	Friday, Sat., Sunday	26-27 Oct. 2024	Boys and Girls, Singles & Doubles	8 AM -to 6PM
6.	Kabaddi	Sat., Sunday		Boys and Girls	8 AM to 6 PM
7.	Basketball	Sat., Sunday	4-5 Jan. 2025	Boys and Girls	8 AM to 6 PM
8.	Volleyball	Sat., Sunday		Boys and Girls	8 AM to 6 PM
9.	Handball	Sat., Sunday	11-12 Jan 25	Boys and Girls	8 AM to 6 PM
10.	Kho-Kho	Sat., Sunday		Boys and Girls	8 AM to 6 PM
11.	Athletics: <b>Race</b> (800m,400m,200m,100m ) , 400× 4 Relay Race, Javelin Throw, Shot put, Long jump, Discus throw	Sat., Sunday	18-19 Jan.25	Boys and Girls	8 AM to 6 PM
12.	Shrimant Madhavrao Scindia Memorial Cricket Tournament		Second week of February 2025		

Note: 1. If an event cannot be held on the scheduled date due to some reasons, it will be held immediately on the next public holiday.

2. The medals for sports activities will be distributed in the prize distribution ceremony of the SHRIMANT MADHAV RAO SCINDIA MEMORIAL CRICKET TOURNAMENT, 2025.

**Dean (Academic)**

**Director**



**SAMRAT ASHOK TECHNOLOGICAL INSTITUTE**  
(Engineering College)  
**Vidisha (M.P.)**