NATIONAL BOARD OF ACCREDITATION

Data Capturing Points of the Program Applied for NBA Accreditation– Tier I/II UG (Engineering) Institute Programs

Note: To save Data Capturing Points as PDF Please click on print button and select destination as 'Save as PDF'. PLEASE SELECT LANDSCAPE MODE.

Program Name : Mechanical Engineering	**Discipline**: Engineering & Technology
Level : Under Graduate	**Tier**: 2
Application No: 11044	**Date of Submission**: 31-10-2025

PART A- Profile of the Institute

A1.Name of the Institute: KAVIKULGURU INSTITUTE OF TECHNOLOGY AND SCIENCE,RAMTEK	
Year of Establishment : 1985	Location of the Institute: Ramtek
A2. Institute Address:K K NAGAR, MOUDA ROAD,RAMTEK DIST.NAGPUR	
City:Nagpur	State:Maharashtra
Pin Code:441106	Website:www.kits.edu
Email:principal@kits.edu	Phone No(with STD Code):07114-255309
A3. Name and Address of the Affiliating University (if any):	
Name of the University : RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY NAG	City: Nagpur
State : Maharashtra	Pin Code: 440033
A4. Type of the Institution: Self-Supported Institute	
A5. Ownership Status: Self financing	

A6. Details of all Programs being Offered by the Institution:

- No. of UG programs: **9**
- No. of PG programs: **2**

Table No. A6.1: List of all programs offered by the Institute.

Sr.No.	Discipline	Level of program	Name of the program	Year of Start	Year of Closed	Name of The Department
1	Architecture	UG	Architecture	1994	--	Architecture
2	Engineering & Technology	UG	Civil Engineering	1985	--	Civil Engineering
3	Engineering & Technology	UG	Computer Science and Engineering (Artificial Intelligence & Machine Learning)	2025	--	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
4	Engineering & Technology	UG	Computer Technology	1986	--	Computer Technology
5	Engineering & Technology	UG	Electrical Engineering	2010	--	Electrical Engineering
6	Engineering & Technology	UG	Electronics & Communication Engineering	2001	--	Electronics and Communication Engineering
7	Engineering & Technology	UG	Electronics and Computer Science	2025	--	Electronics and Computer Science
8	Engineering & Technology	PG	Heat Power Engineering	2010	--	Mechanical Engineering
9	Engineering & Technology	UG	Information Technology	1999	--	Information Technology
10	Engineering & Technology	UG	Mechanical Engineering	1985	--	Mechanical Engineering
11	Engineering & Technology	PG	Structural Engineering	2010	--	Civil Engineering

A7. Programs to be considered for Accreditation vide this Application:

Table No. A7.1: List of programs to be considered for accreditation.

Name of the Department	Having Allied Departments	Name of the Program	Program Level
Mechanical Engineering	No	Mechanical Engineering	UG
Civil Engineering	No	Civil Engineering	UG

Table No. A7.2: Allied Department(s) to the Department of the program considered for accreditation as above.

Cluster ID. Name of the Department (in table no. A7.1) Name of allied Departments/Cluster (for table no. A7.1)

No Record

PART-B: Program information

B1. Provide the Required Information for the Program Applied For:

Table No. B1: Program details.
A. List of the Programs Offered by the Department:

SR.NO.	PROGRAM NAME	PROGRAM APPLIED LEVEL	YEAR OF START / YEAR OF CLOSED	SANCTIONED INTAKE	INCREASE/DECREASE INTAKE (if any)	YEAR OF INCREASE/DECREASE	CURRENT INTAKE	YEAR OF AICTE APPROVAL	AICTE/COMPE AUTHORITY ARROVAL DET
1	Mechanical Engineering	UG	1985 / --	60	Yes	NA	60	1985	AICTE

List of the Allied Departments/Cluster and Programs:

B2. Detail of Head of the Department for the program under consideration:

A. Name of the HoD :	DR. YASHWANT M. JIBHAKATE
B. Nature of appointment:	Regular
C. Qualification:	Ph.D

B3. Program Details

Table No.B3.1: Admission details for the program excluding those admitted through multiple entry and exit points.
CAY= Current Academic Year. CAYm1= Current Academic Year Minus 1 CAYm2= Current Academic Year Minus 2. LYG= Last Year Graduate. LYGm1= Last Year Graduate Minus 1. LYGm2= Last Year Graduate Minus 2.

B4. Enrolment Ratio in the First Year

Table No. B4.1: Student enrolment ratio in the 1st year.
Average [(ER1 + ER2 + ER3) / 3] = ≡

B5. Success Rate of the Students in the Stipulated Period of the Program

Table No.B5.1: The success rate in the stipulated period of a program.
Average SR of three batches ((SR_1+ SR_2+ SR_3)/3):

B6. Academic Performance of the First-Year Students of the Program

Table No.B6.1: Academic Performance of the First-Year Students of the Program.
Average API[(AP1+AP2+AP3)/3] :

B7: Academic Performance of the Second Year Students of the Program

Table No.B7.1: Academic Performance of the Second Year Students of the Program.
Average API [(AP1 + AP2 + AP3)/3] :

B8. Academic Performance of the Third Year Students of the Program

Table No.B8.1: Academic Performance of the Third Year Students of the Program
Average API [(AP1 + AP2 + AP3)/3] :

B9. Placement, Higher Studies, and Entrepreneurship

Table No.B9.1: Placement, higher studies, and entrepreneurship details.
Average Placement Index = (P_1 + P_2 + P_3)/3: Placement Index Points:

PART C: Faculty Details in Department and Allied Departments

(Data to be filled in for the Department and Allied Departments)

C1. Faculty details of Department and Allied Departments

Table No.C1: Faculty details in the Department for the past 3 years including CAY

Sr.No	Name of the Faculty	PAN No.	Highest degree	University	Area of Specialization	Date of Joining in this Institution	Experience in years in current institute	Designation at Time Joining in this Institution	Present Designation	The date on which Designated as Professor/ Associate Professor if any	Nature of Association (Regular/ Contract/ Ad hoc)	Cu As (Y/

1	DR. YASHWANT M. JIBHAKATE	XXXXXXX43C	Ph.D	R.T.M.N.U. Nagpur	Heat Power	07/07/1997	28.3	Lecturer	Professor	01/09/2021	Regular	Ye
2	DR. SHRIKRUSHNA P. CHINCHOLKAR	XXXXXXX50R	Ph.D	VNIT Nagpur	Thermal Engineering	01/10/1999	26.1	Lecturer	Associate Professor	16/08/2010	Regular	Ye
3	DR. PRASHANT P. PARHAD	XXXXXXX88D	Ph.D	VNIT, Nagpur	Metallurgical Engineering	06/08/1998	27.3	Lecturer	Associate Professor	01/06/2010	Regular	Ye
4	DR. SATISH K. BHELE	XXXXXXX76L	Ph.D	VNIT, Nagpur	Mechanical Engineering (ICE and GT)	01/09/1998	27.2	Lecturer	Associate Professor	16/08/2010	Regular	Ye
5	DR. MAHESH B. MAWALE	XXXXXXX21L	Ph.D	VNIT, Nagpur	CAD/CAM	09/08/1999	26.2	Lecturer	Associate Professor	01/02/2018	Regular	Ye
6	MR. MANGESH KUMAR JAISWAL	XXXXXXX11Q	M.E.	RTMNU, Nagpur	Thermal Engineering	06/11/1997	28	Lecturer	Assistant Professor		Regular	Ye
7	MR. YOGESH R. SUPLE	XXXXXXX62G	M.Tech	VNIT Nagpur	Heat Power	30/07/1998	27.3	Lecturer	Assistant Professor		Regular	Ye
8	MR. VIJAY P. ATE	XXXXXXX84H	M.Tech	RTMNU, Nagpur	Heat Power	10/08/1999	26.2	Lecturer	Assistant Professor		Regular	Ye
9	DR. DHANANJAY C. KATPATAL	XXXXXXX25C	Ph.D	VNIT, Nagpur	CAD/CAM	29/07/1999	26.3	Lecturer	Assistant Professor		Regular	Ye
10	DR. SANJAY KUMAR A. BORIKAR	XXXXXXX50A	Ph.D	RTMNU, Nagpur	Heat Power	21/05/2007	18.5	Lecturer	Assistant Professor		Regular	Ye
11	MR. PRAMOD G.POKLEY	XXXXXXX79A	M.Tech	RTMNU, Nagpur	Mechanical Engineering Design	01/08/2007	18.3	Lecturer	Assistant Professor		Regular	Ye
12	MR. ANAND B. RAHATE	XXXXXXX43H	M.Tech	RTMNU, Nagpur	Mechanical Engineering Design	01/12/2007	17.11	Lecturer	Assistant Professor		Regular	Ye
13	DR. AJAY V. KOLHE	XXXXXXX48E	Ph.D	RTMNU, Nagpur	Heat Power	16/06/2000	25.4	Lecturer	Associate Professor	01/01/2015	Regular	Ye

Table No.C2: Faculty details of Allied Departments for the past 3 years including CAY.

C2. Student-Faculty Ratio (SFR)

No. of UG(Engineering) programs in Department including allied departments/ clusters (UGn):
UG1=1st UG program
UGn=nth UG program
B= No. of Students in UG 2nd year (ST)
C= No. of Students in UG 3rd year (ST)
D= No. of Students in UG 4th year (ST)
No. of PG (Engineering) programs in Department including allied departments/ clusters (PGm):
PG1=1st PG program.
PGm=mth PG program
A= No. of Students in PG 1st year
B= No. of Students in PG 2nd year
Student Faculty Ratio **(SFR)** = S/F
S= No. of students of all programs in the Department including all students of allied departments/clusters.
No. of students (ST)=Sanctioned Intake (SA)+ Actual admitted students via lateral entry including leftover seats (L) if any (limited to 10 % of SA)
Students who admitted under supernumerary quotas (SNQ, EWS, etc) will not be considered in calculating SFR value. Those students are exempted.
F=Total no. of regular or contractual faculty members (Full Time) in the Department, including allied departments/clusters (excluding first year faculty (The faculty members who have a 100% teaching load in the first-year courses)).

No. of UG Programs in the Department1 No. of PG Programs in the Department1

Table No.C2.1: Student-faculty ratio.

Description	**CAY(2025-26)**	**CAYm1 (2024-25)**	**CAYm2 (2023-24)**
UG1.B	66	64	62
UG1.C	64	62	63
UG1.D	62	63	66
UG1: Mechanical Engineering	**192**	**189**	**191**
PG1.A	9	9	9
PG1.B	9	9	9

Description	CAY(2025-26)	CAYm1 (2024-25)	CAYm2 (2023-24)
PG1: Heat Power Engineering	**18**	**18**	**18**
DS=Total no. of students in all UG and PG programs in the Department	210	207	209
AS=Total no. of students of all UG and PG programs in allied departments	0	0	0
S=Total no. of students in the Department (DS) and allied departments (AS)	**S1=** 210	**S2=** 207	**S3=** 209
DF=Total no. of faculty members in the Department	13	13	13
AF= Total no. of faculty members in the allied Departments	0	0	0
F=Total no. of faculty members in the Department (DF) and allied Departments (AF)	**F1=** 13	**F2=** 13	**F3=** 13
FF=The faculty members in F who have a 100% teaching load in the first-year courses	1	1	3
Student Faculty Ratio (SFR)=S/(F-FF)	**SFR1= 17.50**	**SFR2= 17.25**	**SFR3= 20.90**
Average SFR for 3 years	**SFR= 18.55**		

C3. Faculty Qualification

- Faculty qualification index (FQI) = 2.5 * [(10X +4Y)/RF] where
- X=No. of faculty members with Ph.D. degree or equivalent as per AICTE/UGC norms.
- Y=No. of faculty members with M. Tech. or ME degree or equivalent as per AICTE/ UGC norms.
- RF=No. of required faculty in the Department including allied Departments to adhere to the 20:1 Student-Faculty ratio, with calculations based on both student numbers and faculty requirements as per section C2 of this documents: (RF=S/20).

Table No.C3.1: Faculty qualification.

C4. Faculty Cadre Proportion

- Faculty Cadre Proportion is 1(RF1): 2(RF2): 6(RF3)
- RF1= No. of Professors required = 1/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per C2 of this documents:.
- RF2= No. of Associate Professors required = 2/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:.
- RF3= No. of Assistant Professors required = 6/9 * No. of Faculty required to comply with 20:1 Student-Faculty ratio based on no. of students (S) as per section C2 of this documents:.
- Faculty cadre and qualification and experience should be as per AICTE/UGC norms.

Table No.C4.1: Faculty cadre proportion details.

C5. Visiting/Adjunct Faculty/Professor of Practice

Table No. C5.1: List of visiting/adjunct faculty/professor of practice and their teaching and practical loads.

(CAYm1)

(CAYm2)

(CAYm3)

C6. Academic Research

Table No. C6.1: Faculty publication details.

C7. Sponsored Research Project

Table No. C7.1: List of sponsored research projects received from external agencies.

(CAYm1)

(CAYm2)

(CAYm3)

Total Amount (Lacs) Received for the Past 3 Years: NIL

Note*:

- Only sponsored research projects will be considered. Infrastructure-based projects will not be considered here.

C8. Consultancy Work

Table No. C8.1: List of consultancy projects received from external agencies.

(CAYm1)

(CAYm2)

(CAYm3)

Total amount (Lacs) received for the past 3 years:

Note*:

- Only consultancy projects will be considered. Infrastructure-based projects will not be considered here.

C9. Institution Seed Money or Internal Research Grant to its Faculty for Research Work

Table No. C9.1: List of faculty members received seed money or internal research grant from the Institution.

(CAYm1)

(CAYm2)

(CAYm3)

Total amount (Lacs) received for the past 3 years :

PART D: Laboratory Infrastructure in the Department

(Data to be filled in for the Department)

D1. Adequate and Well-Equipped Laboratories, and Technical Manpower

Table No.D1.1: List of laboratories and technical manpower.

D2. Safety Measures in Laboratories

Table No. D2.1: List of various safety measures in laboratories.

D3. Project Laboratory/Research Laboratory

PART E: First Year faculty and financial Resources

(Data to be filled in for the first year course faculty and budget allocation and utilization)

E1. First Year Student-Faculty Ratio (FYSFR)

Table No. E1.1: FYSFR details.

E2. Budget Allocation, Utilization, and Public Accounting at Institute Level

Table No. E2.1: Budget and actual expenditure incurred at Institute level.

E3. Budget Allocation, Utilization, and Public Accounting at Program Specific Level

Table No. E3.1: Budget and actual expenditure incurred at program level.