



Kai. Amdar Brahmdevdada Mane Shikshan Va Samajik Prathishthan, Belati Sanchalit
BRAHMDEV DADA MANE INSTITUTE OF TECHNOLOGY, SOLAPUR
Solapur-Mangalwedha-Kolhapur State Highway, Belati - 413 002, Tal. North Solapur, Dist. Solapur (Maharashtra).
*Website: <http://bmitsolapur.org> *Email: bmit@bmssp.org
Approved by AICTE, New Delhi, DTE and Govt. of Maharashtra,
Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur
DTE Institute Code: EN6293 / MB6293
Accredited by National Assessment and Accreditation Council, Bangalore (NAAC)



Brahmdevdada Mane Institute of Technology, Solapur

Vision

- To be recognized as the Centre of Excellence for Technical Education, Management Education and Technology Development.

Mission

- Develop the students in academic excellence and professional knowledge with ethical leadership so that they are ready to use for Society.
- Provide the solutions for the industrial problems and contribute to technical knowledge on continuous basis.

Program Outcomes :

Engineering Graduates will be able to:

- Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization for the solution of complex engineering problems.
- Problem analysis:** Identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
- Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for public health and safety, and cultural, societal, and environmental considerations.
- Conduct investigations of complex problems:** Use research based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities, with an understanding of the limitations.
- The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
- Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- Communication:** Communicate effectively on complex engineering activities with the engineering community and with the society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- Life long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life long learning in the broadest context of technological change.





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Institutional preparedness for NEP

Multidisciplinary/interdisciplinary:

BMIT Institute is affiliated to Punyashlok Ahilyadevi Holkar Solapur University Solapur (PAHSUS), Solapur. The University has started making its curriculum multidisciplinary and interdisciplinary by incorporating AICTE's model curriculum having 18% weightage to open electives from other technical and/or emerging subjects. From current academic year the Curriculum as per NEP 2020 has been implemented for First year classes by PAHSUS, Solapur.

Academic bank of credits (ABC):

BMIT College Solapur is affiliated with Punyashlok Ahilyadevi Holkar University, Solapur (PAHSUS). The curriculum given by University follows the Choice Based Credit System (CBCS) pattern which includes sufficient scope for self-learning subjects, open electives, and professional elective subjects. PAHSUS offers Honors degrees in addition to a regular full-time degree course. As the curriculum prescribed by University is in line with the New Education Policy (NEP) and credit system structure of UGC. All the students of the institute have registered for the Academic bank of credits portal as per the guidelines provided by University.

Skill development:

The Institute is located in Tier-II/ III city, Solapur. Many students come from vernacular medium. Grooming the students in core skills and soft skills are essential to enhance the employability of the students. The Institute has identified this need since inception and introduced soft skill as a subject over and above the affiliating University curriculum, the institute initiated Various skill development programs through Training and Placement cell. Students are encouraged to participate in various skill development activities that results in knowledge, certifications and employment.



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Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):

The curriculum prescribed by the affiliating university has the subject on Indian knowledge system as "Universal Human Values" as recommended in the AICTE model curriculum. Institute always encourages the students to participate in cultural activities and Institute Magazine. The cultural program and magazine consist of events and articles related to Indian Languages and culture. Cultural activities such as "Tarang" is celebrated on every year annual day consist of Street play in regional languages to give a noble message to the society representing patriotism, integrity, cultural heritage etc.

Focus on Outcome based education (OBE):

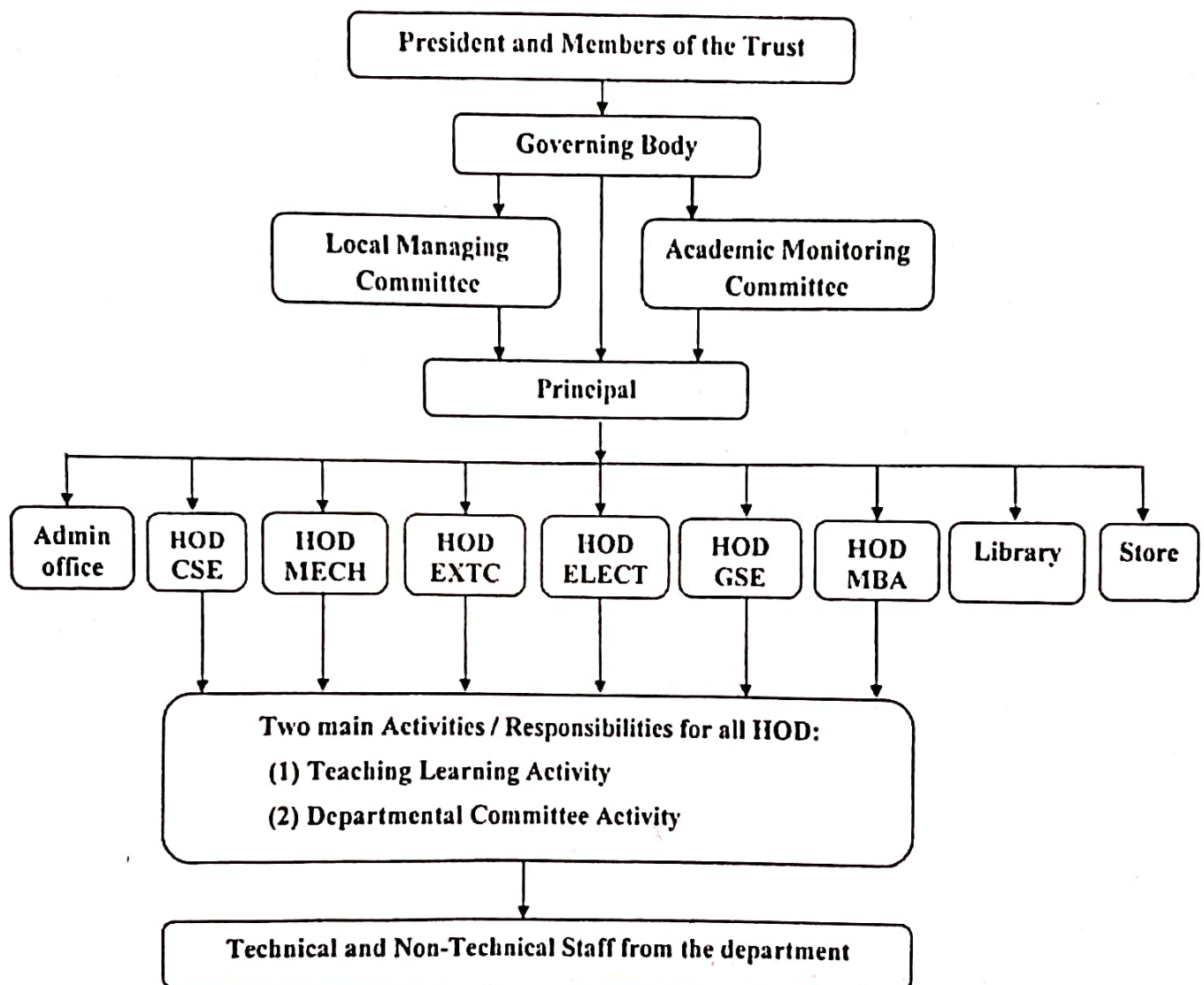
The Institute is taking well planned steps to transform its curriculum towards outcome based education (OBE) The students are made aware of Program Outcomes (POS) during their course orientation in the beginning of every semester. Relevant Course Outcomes (COS) are explained to the students by the course co-ordinators while teaching. While implementing outcome based education at departmental level the question papers of test and midsem examination questions are mapped with relevant course outcome (COS) and blooms taxonomy levels. Institute is trying to incorporate project based learning wherever possible. Faculty members are encouraged to design their own pedagogical approaches. Assignments and assessments are designed to map with Course Outcomes (CO's) and Blooms taxonomy levels

Distance education/online education:

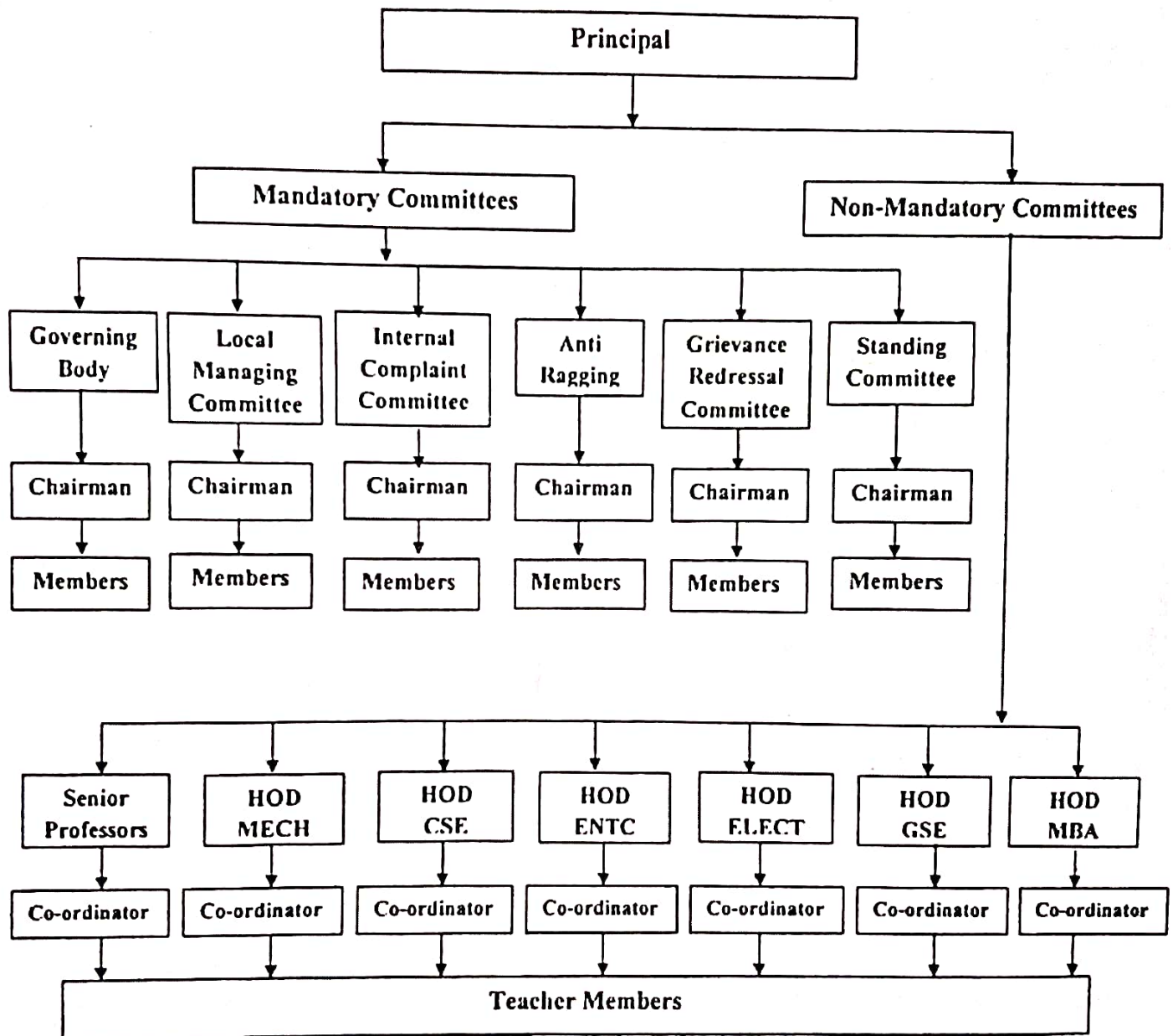
The institute participated extensively in MOOCs through NPTEL courses since 2017. Students and faculty are encouraged to complete various certification courses offered by SWAYAM/NPTEL/Coursera/EDX/Infosys Springboard. Students are offered the flexibility to complete one elective course through NPTEL. During the COVID-19 pandemic period, the institute adopted online education and implemented it successfully. Faculty members used ZOOM, Google Meet, Microsoft Team platforms for online lectures and interaction with students. Many seminars, webinars, conference series and invited talks are conducted in online mode. Institute has created a separate server for MOODLE platform where faculty members keep the study material, reference book, MCQs, ISE and ICA assignments and recorded video lectures for the student reference. Faculty members conduct quizzes and online tests which have kept weightage in term work as well as in-semester evaluation.

Organizational Chart of Brahmdevdada Mane Institute of Technology, Solapur

(A) For Academic (Teaching Learning) Activities



B) For Curricular co-curricular and extracurricular activities



NBA File		NAAC File	AAA files	Institute Incharge	Name of Dept					
					GSE	Mech	CSE	ENTC	Elect	MBA
a. Academic Calender		1.1	1.1	Prof Chipade A V	AAW	AVG	MBC	VVG	VGS	CNT
b. Time Table		1.1.1,2.5.4	1.1		AAW	AVG	ARG	VVG	VGS	CNT
c. Course File		1.1.1, 2.3.1	-		BMM	AVG	MBC	VDG	HRD	MSC
d. Academic Monitoring Committee (AMC)		1.1	1.1		BMM	MAC	MBC	VDG	HRD	CNT
e. Remedial class (Makeup class)		1.1.1,2.2.1, 1.1, 2.3	1.1, 2.3		AAW	AVG	MBC	PSK	NNS	MSC
f. Students Performance (Slow & Fast Learner)		2.2.1	2.3		AAW	AAZ	MBC	PSK	NNS	MSC
g. Internal Examination (ICA & ISE)		1.1.1,	-		MND	AAZ	SSK	KBS	NNS	AAK
h. Content Beyond syllabus		Nil	-		VVB	AVG	SSK	PPM	HRD	AAK
a. Guardian Teacher Activity/Bemighty Booklet		1.1.1,	-	Prof Dhanave M N	MND	MSK	SAA	ASP	MDC	MTC
b. Parent Meet		1.1.1	-		MND	MSK	SAA	ASP	MDC	MTC
a. Central Library		1.1,4.2	1.1,7.3.2	Prof Kalyankar P P	CSP	AKL	PPK	PPM	VGS	MSC
b. Dept Library		1.1,4.2	1.1,7.3.2		CSP	AKL	PPK	PPM	VGS	MSC
a. Laboratory Details		-	-	Prof Chougule M B	AAW	MAC	AB I/C	Inch	AB I/C	AAK
b. Infrastructural layout & Facilities		4.1.1	-		AAW	MSK	MBC	VDG	SGS	MTC
c. Resource Utilization		4.1.3, 4.4	-		AAW	AVG	MBC	VVG	SGS	MSC
d. Dept Maintenance Records		-	7.1		PSC	AAZ	MBC	VVG	SGS	AAK
a. MOUs & Collaborations		-	3.4	Prof Lavnis A K	VVB	AKL	SAA	JMP	HRD	MTC
c. Industry Institute cell/Industrial visit & Interaction		1.1.1,2.3.1, 3.2.2.1,	4.1		AAW	AKL	SSB	ASP	HRD	MTC
a. STTP/FDP organized/Attended		1.1.1, 2.4.4,	3.2	Prof Zambare A A	BMM	AAZ	ARG	JMP	HRD	CNT
b. Entrepreneurship Development cell (EDP/Startup Activities)		3.2.2	5.3	Prof Mishra	BMM	SBM	PPK	PPM	SGS	AAK
a. NIRF/ APIIA/KAPILA/IPR/ AICTE/ Statutory committee Activities				Dr Kazi K S	MMS	SSD	PPK	GMK	SGS	CNT
b. Consultancy & Innovations		1.1.1, 2.3.1, 3.1.1, 3.5.1.1, 3.1.3, 7.2, 7.3	-		BMM	SSD	PPK	GMK	HRD	MTC
a. Soft skill developments		3.2, 5.1.3, 2.1	-		VVB	AKL	SAA	SHT	MDC	AAK
b. Training Activity		2.3.1	-		VVB	AKL	SAA	SHT	MDC	CNT
c. Vocational Training		1.1.1,	-	Prof Lavnis A K	VVB	AKL	SAA	GMK	MDC	MSC
d. Project/Miniproject/Project Exhibition		3.2	3.1		VVB	AKL	ARG	GMK	HRD	AAK
a. Placement cell		5	4.3	Dr. Shahebgouda (TPO)	AAW	SBM	SAA	SHT	MDC	CNT
b. Alumni cell		5.4.1	5.2		VVB	SBM	SSK	VDG	VGS	AAK
a. Competitive Exams		2.1, 5.1.3,7.	-	Prof Patil J M	CSP	AVG	SSK	PPM	BUD	AAK
b. Career Guidance & Higher studies Cell		5.2	5.1		VVB	SBM	SSB	JMP	BUD	AAK
a. Expert Lecture		3.1,3.2.2,5.1.3		Prof Dhananjay H R	VVB	MAC	SSK	PPM	BUD	MTC
b. Add-on Programs		1.2.3	-		VVB	MAC	SSK	JMP	BUD	MTC
c. Bridge Courses		5.1.3	-		VVB	MAC	SSK	JMP	BUD	MTC

NBA File	NAAC File	AAA files	Institute Incharge	Name of Dept				
				GSE	Mech	CSE	ENTC	Elect
a. Student associations & ISTE/IE Activities	2.3.1	-	Prof. Gaur A V		AVG		KBS	VGS
a. Extension Activities (NSS/NCC)	3.4.2,3.4.3, 3.4.4.1,7.1. 18.7.1.17,	3.3	Prof.Dodmisse U S					
b. Cross Cutting Issues	1.3.1	-		AAW	MAC	SSB	VDG	BUD
c. National Day Celebrations	-	-		PSC	MAC	SSB	PSK	BUD
a. Cultural Activities	-	-		AAW	MAC	SSB	VDG	BUD
b. BMSSP functions	-	-	Prof Shaikh N N	PSC	MAC	ARG	PSK	NNS
a. Examination (External & POE)	2.5.3	-		PSC	MAC	ARG	PSK	NNS
b. University Theory Result Analysis	2.6.4	2.6		TDP	MAC	SSK	KBS	NNS
c. Theory Examination Conduction				TDP	AAZ	SSK	KBS	NNS
d. Central Assessment Process (CAP)			Prof Pawar T D	TDP	AAZ	SSK	KBS	VGS
e. ISE and ICA Marks				TDP	AAZ	SSK	KBS	VGS
f. Examination Grievances				TDP	AAZ	SSK	KBS	NNS
a. Load Distribution	1.1.1, 2.5.4	-		TDP	AAZ	SSK	KBS	NNS
b. Syllabus	1.2.1	-		MMS	HOD	HOD	KSK	HOD
c. Monthly attendance record	-	-		MMS/AAV	HOD	HOD	KSK	HOD
d. Faculty Details	2.4	2		MMS	HOD	HOD	VDG	HOD/CC
e. Annual Report	1.1.1,	-		MMS	SSD	ASS	VVG	SGS
f. Best Practices	1.1.1, 7.2	-		MMS	SSD	ASS	VDG	SGS
g. Staff & Student Achievements	3.3.2, 5.2.3,	3.1	HOD's	AAW	AVG	ASS	PSK	SGS
h. Departmental minutes of meetings	-	-		MMS	SSD	PPK	ASP	BUD
i. Strategic plan	5.3.2, 6.2.1,	-		VVB	HOD	PPK	PSK	SGS
j. Departmental Budget	7.1.19	-		AAB	HOD	ASS	ASP	SGS
k. Vocation Plan	-	-		MMS	HOD	ASS	ASP	SGS
l. Staff Appraisal	6.3.5,	1.13	Prof Kaddam M S	MMS	HOD	ASS	KSK	HOD
a. Admission Initaites for F.E & admission in F.E	-	-		CSP	MSK	SAA	KBS	MDC
b. Admission initiatives for DSE & admission in	-	-	Prof Bhopale A A	AAB	AAZ	SSB	KBS	NNS
a. Student Feedback about Academic activities	1.4.2, 5.4	1.1.3		AAB	AAZ	SSB	KBS	HRD
b. Students feedback about dept facilities	-	-		CSP	MSK	SAA	KBS	MDC
c. Non Teaching staff feedback	-	-	Prof. Kadam M S	CSP	MSK	SAA	KBS	MDC
d. Parent Feedback	-	-		CSP	MSK	SAA	KBS	MDC
e. Exit Feedback	-	-		MND	MSK	SAA	KBS	MDC
f. Alumni Feedback	-	-			MSK	SSK	KBS	MDC
a. IQAC	-	-			MSK	SSK	KBS	MDC
b. University proposal/LIC	-	-	Dr. Kosgiker G M	CSP	AAZ	ASS	GMK	NNS
c. NAAC/NBA/AAA Dept Coordinator	-	-		BMM	MSK	ASS	GMK	NNS
ICT/ Website Development & updation/ Team	-	-	Prof Shimpi A S	CSP	AVG	ASS	GMK	NNS
				VVB	SSD	SSK	VVG	VGS

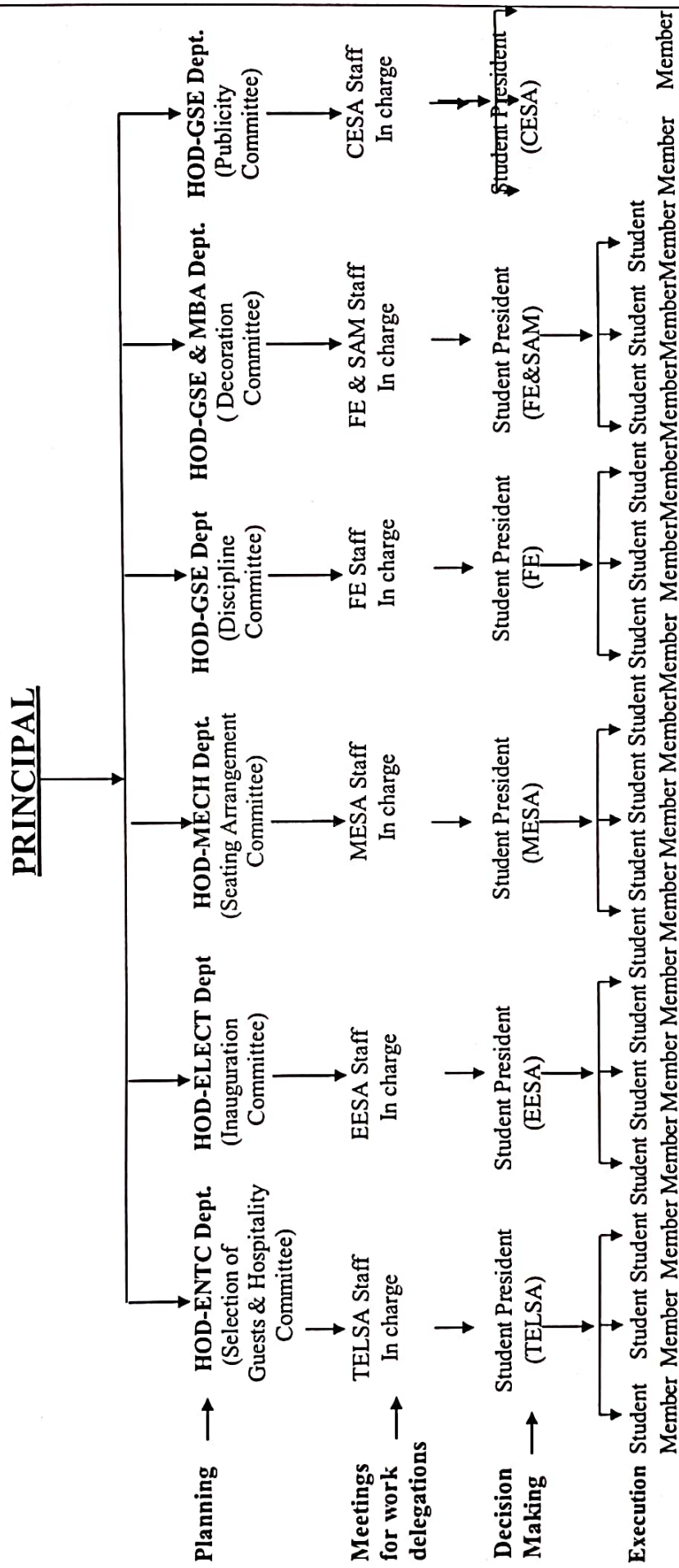
a. MOOC

a. MOOC		-	-	-	PSC	SSD	ARG	VVG	VGS	AAK
b. Computing Facilities		1.1.1	7.3.1	-	CSP	SSD	ARG	VVG	VGS	MTC
c. Online Examination conduction		-	-	-	CSP	SSD	SSK	VVG	VGS	CNT
a. LMS/ERP					CSP	SSD	SSK	PPM	VGS	MSC
a. Magazine/News Letter Printing & Publicity		-	-	-	VVB	SSD	PPK	SHT	VGS	MSC
b. College add/Publicity on social media		-	-	-	VVB	SSD	PPK	SHT	VGS	MSC
NBA File		NAAC File	AAA files	Institute Incharge	Name of Dept					
					GSE	Mech	CSE	ENTC	Elect	MBA
a. Discipline & Student Grievance/		-	-	Prof Bhuite S S	MND	SBM	SSB	PSK	HRD	AAK
b. Anti Ragging		-	-		MND	SBM	SSB	JMP	HRD	CNT
a. Internal Complaint committee (ICC)		-	-	Prof Binage	VVB	SBM	USD	ASP	HRD	CNT
c. Women harassment & redressal		-	-		VVB	SBM	USD	ASP	NNS	MSC
a. SC/ST cell				Prof Kirte S S	CSP	SBM	SSK		HRD	MSC
a. Student counselling		-	-	Prof Chavan M D	MND	AVG	MBC	JMP	HRD	AAK
a. Hostel committee		-	-	Dr. More B M	BMM	MAC	MBC	VDG	BUD	MTC
b. Transportation committee		-	-	Prof Tirthkar	PSC	SBM	PPK	SHT	BUD	MSC
c. Sports & Gymkhana		-	-	Prof Korke/	Yadav	MAC	ARG	PSK	BUD	MTC
d. Medical Facilities		-	-	Prof V D Gund	PSC	SBM	PPK	VDG	HOD	MSC
				Prof Wardole	AAW					MSC
				Prof P K Magadum	AAW					MSC
				Prof Shirsikar V G	AAW			PPM	SGS	MSC
				Prof.MSK/MAC	AAW					MSC

NAAC Criteria

		Name of Department						
Criteria Number	Name of Criteria	Electrical Engineering	Mechanical Engineering	Electronics and Telecommunication Engineering	Computer Science Engineering	FE General Science Engineering	MBA	
1	Curriculum Aspects	Prof H R Dhanajaya	Prof. A.V. Gaur	Prof. V V Gurav	Prof. M B. Chogule	Prof. C.S. Pimpale	Prof A A Karale	
2	Teaching Learning Evaluation	Prof N N Shaikh	Prof. A.A. Zambare	Prof. V D Gund	Prof. S S Kirte	Prof. M. N Dhanave	Prof. M T Chavan	
3	Research/ Innovation and Extension	Prof B U Dhaware	Prof. S.S. Dhanave	Prof. J M Patil	Prof. A. R. Gyanbote	Prof. M M Shaikh	Prof A A Karale	
4	Infra Structure and Learnig Resources	Prof P K Magadum	Prof. S.B. Mishra	Prof. A S Pawar	Prof. P. P. Kalyankar	Prof. V V Binage	Prof M S Chavan	
5	Student Support and Prgression	Prof V G Shirsikar	Prof. A.K.Lavnis	Prof. S H Tirthkar	Prof. S. S. Bhuite	Dr. B M More	Prof M S Chavan	
6	Governance, Leadership and Management	Prof S G Shirsikar	Prof. Chopade M.A.	Prof. P P Melge	Prof. S. A. Awatade	Prof. P S Chavan	Prof C N Thengil	
7	Institutional Valuses and Best Practices	Prof M D Chavan	Prof. Kadam M.S.	Prof. P S Korke	Prof. U. S. Dodmise	Prof. A A Wardole	Prof M T Chavan	

DECENTRALIZATION OF AUTHORITIES & RESPONSIBILITIES FOR BMIT VICHARMANTHAN – Case study.





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Short Term Perspective Plan:

1. Enhancing infrastructure to support research and incubation
2. Enhancing teachers' skills and qualification.
3. Increasing green initiatives in the campus.
4. Upgrading NAAC Accreditation grade.
5. Increasing MoUs to fulfill the requirements of NEP.
6. Forming cluster for use of sophisticated equipments.
7. To be a center of excellence and development
8. To develop human Values

Long Term Perspective Plan:

- 1 Creating centre of excellence in each discipline
2. Obtaining NBA accreditation
3. Starting Ph.D. programs in each discipline
4. Getting Autonomous status for the Institute
5. Obtaining NIRF ranking
6. Fetching funding from Government/Non Government Organizations
7. Getting ISO Certification

