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DEPARTMENT OF COMPUTER SCIENCE
AND ENGINEERING



Sant Dnyaneshwar Shikshan Sanstha's
**ANNASAHEB DANGE COLLEGE OF
ENGINEERING AND TECHNOLOGY, ASHTA**
An Autonomous Institute

MINUTES OF THE MEETING
FIRST BOARD OF STUDIES (UG)

DATE: 15-07-2017, AT 10.30 AM

VENUE: CSE DEPARTMENT SEMINAR HALL

The 1st Board of Studies (BoS) of Undergraduate Programme the Department of Computer Science and Engineering, ADCET, Ashta was held on 15-07-2017, at-10.30 am in the CSE Department Seminar Hall.

Dr. S. K. Shinde, HOD CSE chaired the Meeting.

The following members participated in the Meeting:

Sr. No.	Name	Position
1.	Dr. S. K. Shinde Head, Department of Computer Science and Engineering, ADCET, Ashta, Sangli	Chairman
2.	Mrs. A. N. Mulla Associate Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
3.	Mr. S. G. Sutar Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
4.	Mr. S. P. Patil, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
5.	Mr. S. D. Khatawkar Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
6.	Mr. Amol S. Dange Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member

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Sr. No.	Name	Position
7.	Mr. S. S. Sayyad, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
8.	Dr. S. J. Wagh, Head and Professor, Department of Information Technology, Government College of Engineering, Karad	Member
9.	Dr. S. D. Joshi, Dean and Professor, Bharati Vidyapeeth Deemed University, College of Engineering, Pune	Member
10.	Dr. A. V. Deshpande, Principal, Smt. Kashibai Navale College Engineering, Pune	Member
11.	Dr. Atul Rohankar, Leader, Delta Embedded Solutions Pvt. Ltd. Pune	Member
12.	Mr. Ranjit Nimbalkar, Software Developer, HSBC, Pune	Member
13.	Dr. P. J. Kulkarni, Dy. Director and Professor, Walchand College of Engineering, Sangli	Member
14.	Dr. Anappa Professor, National Institute of Technology, Suratkal, Karnataka.	Member
15.	Dr. S. H. Patil, Professor, Bharati Vidyapeeth Deemed University, College of Engineering, Pune	Member
16.	Mr. Rohit Limkar, Team Lead, Tata Consultancy Services, Pune	Member
17.	Mr. S. V. Patil, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member- Secretary

Mr. Ranjit Nimbalkar was unable to attend due to his personal engagements.



The Chairman extended a warm welcome to all the participants in the meeting and thanked them for sparing their precious time to participate in the meeting.

The Chairman felicitated Dr. P. J. Kulkarni (WCE, Sangli), Dr. A.V. Deshpande (KNCOE, Pune), Dr. Annapa (NIT Suratkal), Dr. S. D. Joshi (BVDU COE, Pune) Dr. S. J. Wagh (GCE, Karad), Dr. S. H. Patil (BVDU COE, Pune), Dr. Atul Rohankar (Delta Embedded Solutions Pvt. Ltd, Pune) and Mr. Rohit Limkar (TCS, Pune)

The Chairman introduced all the members of BOS.

The chairman introduced Department and presented draft Autonomous structure of B. Tech. (CSE).

The chairman allowed carrying out proceedings of Board of Studies (BoS).

Agenda of the meeting and resolutions are as follows:

Agenda No.1.1: Confirmation of the minutes of last meeting

- Nil

Agenda No.1.2: Points to be discussed:-

1.2.1: Discussion and finalization of B. Tech.(CSE) structure

The chairman Dr. S. K. Shinde has presented the course structure of B. Tech. to all BoS Members. He has given information about Academic council guidelines.

Total credits for B. Tech. CSE= 192.

F. Y. B. Tech. credits = 48.

S. Y. B. Tech. to Final year B. Tech. total credits =144.

Also, Dr. Shinde has given other guidelines of Academic council.

Dr. Shinde also said that in Curriculum, we have placed C language course at first year. In draft curriculum, Credits assigned for Project are 15.

Dr. P.J. Kulkarni and Dr. S. H. Patil mentioned that 15 credits are very less for project. They suggested to increase number of credits for Final Year B. Tech. project.

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Dr. A. V. Deshpande, Dr. S. D. Joshi also agreed with Dr. P.J. Kulkarni sir's statement.

Dr. Annapa and Dr. S. H. Patil said minimum 17 to 20 credits should be given for Project. He added that if students do a good project that indicates they have studied well in his four years of span.

Dr. P.J. Kulkarni suggested to add separate column for bloom's cognitive level in each course detail.

Dr. A. V. Deshpande said final year project should be assigned to individual student. He said to increase the project credits and reduce the theory courses. Suggested to Keep 2 or 3 courses for final year.

He also said Faculty should be upgraded as per development in technology.

Dr. Rohankar said weightage for practical should be increased. More practice and hands on should be included in the curriculum as per industry needs. Analysis, Design and Application oriented experiments for respective courses should be included in curriculum.

Dr. P. J. Kulkarni, Dr. S. D. Joshi, Dr. A. V. Deshpande, Dr. S. H. Patil and all others are agreed with Dr. Rohankar suggestion.

Dr. S. D. Joshi said at the final year, there should be some provision, so any industry requirement comes that time, it should be easily accommodated in curriculum.

Dr. Joshi said to keep 5 technical and 1 non technical course at every semester.

Dr. Annapa said at final year take 2 or 3 electives either of the semester and allow students to go for the internship.

Dr. S. D. Joshi said 45 days should be given for internship compulsory after end of sixth semester and accordingly plan the 7th and 8th semester.

Mr. Rohit Limkar said the live assignments should be taken from industries.

Dr. Rohankar said Laboratories are to be strengthened and Make laboratories courses more application oriented.

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Dr. A. V. Deshpande suggested to take feedback from the Passout students regarding curriculum.

Resolution:-

B. Tech. (CSE) structure is approved

See Appendix –I

**1.2.2: Discussion and finalization of course curriculum of First Year
B. Tech. (Course: Computer Programming, Computer Programming Lab)**

Dr. Rohankar said that the Experiment list of draft of curriculum should be modified. It should contain some experiments based on problems of other courses like physics, chemistry, applied mechanics etc. Also application oriented experiment should be added in the List.

All other members have accepted his suggestion.

Resolution:-

Accordingly course curriculum of Computer Programming, Computer Programming Lab of First Year B. Tech. (CSE) is approved

See Appendix -II

**1.2.3: Discussion and finalization of professional Electives, Audit
courses and Mandatory courses.**

Dr. S. D. Joshi suggested to add open elective. Mention it into the syllabus that open elective choice should be modified as per the industry requirement (that gives dynamic position to open electives).

Dr. A. V. Deshpande said that there should be at least 4 open electives.

Dr. A. V. Deshpande and Dr. S. J. Wagh asked about whether Open Elective is present in the curriculum?

Dr. P.J. Kulkarni said that we should offer Open Elective at the time of fourth year as per the requirement.



Dr. S. D. Joshi said there should be Japanese language like courses should be considered as an audit course.

Dr. Annapa suggested to collect the subjects list form NPTEL, MOOCs and Coursera etc.

Mr. Rohit Limkar said that the students are weaker in communication. Accordingly care should take.

Dr. P.J. Kulkarni said that if more number of students demands for any course as elective, that should be provided to them.

Resolution:-

Accordingly professional Electives, Audit courses and Mandatory courses are approved and enlisted in appendix-I

See Appendix -I

1.2.4: Discussion and finalization mode of assessment

For Theory Courses, there should be ISE-1, ISE-2, MSE, and ESE

For Laboratory courses, there should be ISE and ESE

For Pre-project, there should be ISE and ESE

For Project and Mini-Project, there should be ISE and ESE

At the beginning of semester, Course coordinator should announce modes of evaluation for ISE.

Mode of assessment of ISE-1 and ISE-2 for a course should be different.

Dr. Annapa and Dr. S. H. Patil suggested that the Continuous evaluation scheme. Also announce the rubrics to the students before start of semester.

Resolution:-

Modes of assessments are approved which are as follows:

For Theory courses: ISE-1, ISE-2, MSE, and ESE

For Laboratory courses: ISE and ESE



For Pre-project: ISE and ESE

For Project and Mini-Project: ISE and ESE

At the beginning of semester, Course coordinator should announce the rubrics to the students.

1.2.5: Discussion and finalization of examiners panel approval.

To improve the Teaching learning process, The role of Examiners is very important. It was discussed to keep Examiners of UGC Approved experience of at least 5 Years.

Resolution:-

Examiner should be:

1. Paper Setter/Examiner- UGC Approved experience of at least 5 Years.
2. Preference will be given for examiners from Autonomous institutes

Agenda No.1.3: Any other Issues with the permission of chair.

1.3.1 Passing of B. Tech. Theory courses and Lab courses

Resolution:

For Theory and Laboratory Courses passing is 40%

Also should follow the resolutions passed in Academic council.

Member Secretary

Board of Studies (BoS)

Chairman

Board of Studies (BoS)



24/04/2019

MINUTES OF THE MEETING
THIRD BOARD OF STUDIES (UG)

DATE: 20-04-2019, AT 11.15 AM

VENUE: CSE DEPARTMENT SEMINAR HALL

The 3rd meeting of Board of Studies (BoS) of Undergraduate Programme at Department of Computer Science and Engineering, ADCET, Ashta was held on 20-04-2019, at 11.15 AM in the CSE Department Seminar Hall.

Dr. Smriti H. Bhandari, HoD CSE chaired the Meeting.

The following is the list of BoS Members:

Sr. No.	Name	Position
1.	Dr. S. H. Bhandari Head and Chairman BoS, Department of Computer Science and Engineering, ADCET, Ashta, Sangli	Chairman
2.	Dr. P. J. Kulkarni, Professor, Walchand College of Engineering, Sangli	Member
3.	Dr. A. V. Deshpande, Principal, Smt. Kashibai Navale College Engineering, Pune	Member
4.	Dr. S. D. Joshi, Dean and Professor, Bharati Vidyapeeth Deemed University, College of Engineering, Pune	Member
5.	Dr. S. H. Patil, Professor, Bharati Vidyapeeth Deemed University, College of Engineering, Pune	Member
6.	Dr. S. J. Wagh, Head and Professor, Department of Information Technology, Government College of Engineering, Karad	Member
7.	Dr. Annappa Professor, National Institute of Technology, Suratkal. Karnataka.	Member
8.	Dr. Atul Rohankar, Leader, Delta Embedded Solutions Pvt. Ltd. Pune	Member

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Sr. No.	Name	Position
9.	Mr. Ranjit Nimbalkar, Software Developer, HSBC, Pune	Member
10.	Mr. Rohit Limkar, Team Lead, Tata Consultancy Services, Pune	Member
11.	Mr. A. S. Dange Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member Secretary
12.	Mrs. A. N. Mulla Associate Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
13.	Mr. S. G. Sutar Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
14.	Mr. S. P. Patil, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
15.	Mr. V.A. Kamble Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
16.	Mr. S. D. Khatawkar Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
17.	Mr. S. S. Sayyad, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
18.	Mr. R. M. Kamble, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
19.	Mr. A. R. Pradnyawant Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member

Dr. Annappa, Dr. P. J. Kulkarni, Dr. S. J. Wagh attended the meeting. Mr. Limkar provided his inputs on proposed curriculum through telephonic talks and email communication. The Chairman extended a warm welcome to all the participants in the meeting and thanked them for sparing their precious time to participate in the meeting. The Chairman felicitated Dr. P. J. Kulkarni (WCE, Sangli), Dr. S. J. Wagh (GCE, Karad) and Dr. Annappa (NIT, Surathkal).

The Chairman introduced all the members of BoS and allowed carrying out proceedings of Board of Studies (BoS).



Agenda of the meeting and resolutions are as follows:

Agenda Item No.1: To confirm the minutes of meeting of BoS held on 23/04/2018

Resolution - Confirmed

Agenda Item No.2: To place before the BoS the report about the action taken on the decisions of its second meeting held on 23/04/2018

The chairman presented the summary of action taken on the suggestions of BoS in the last meeting (Annexure I). Members appreciated the action taken except the rearrangement of Units in Discrete Mathematics.

It was resolved to carry out the suggested changes in rearrangement of Units in the next revision of SY curriculum in academic year 2020-21.

Agenda Item No.3: To discuss and approve structure and curriculum contents of T.Y. B. Tech

The chairman Dr. S. H. Bhandari presented the course structure and draft curriculum of T. Y. B. Tech. to all BoS Members. The discussion is summarized as below:

A. Course: Internet of Things

Dr. Wagh suggested including practical aspects for IoT. Environment for implementing IoT projects need to be included. He also suggested book for IoT by Vijay Madiseti. Also he pointed out need of laboratory for the course. But the discussion ended with inclusion of laboratory experience through mini projects.

B. Course: Computer Algorithms

Members mentioned need to add details in Unit 6 and it was accepted to modify the contents. Computer Algorithms Laboratory was approved by the members.

C. Course: System Software

Dr. P. J. Kulkarni suggested to allot more contact hours to Compiler. Dr. Annappa suggested adding compiler design for multi-core architecture. He suggested to include latest editions of books. He also suggested giving 50% weightage to compiler.

After brain storming, it was decided to increase contact hours for Compiler and introduction of compiler design for multi-core architectures was postponed to next revision.

D. Course: Information Security

It was suggested to change the title of the course as "Information and Network Security"

E. Course: Database Engineering and Database Engineering Laboratory courses are approved without any change.



- F. Course: Professional Elective – I (2-0-2)
Following courses are finalized under this: Advanced Programming, Software Testing and Quality Assurance, Network Administration
- Advanced Programming: Instead of including three languages, members suggested to include Python and Ruby. Also suggested to add advanced concepts of python. Accordingly the curriculum will be updated.
 - Software Testing and Quality Assurance is moved to semester V (earlier in semester VI) with laboratory experience. The syllabus is to be modified accordingly and further will be approved from industry expert.
 - Network Administration: All the members suggested to generalize the contents. More focus should be on open source. Suggestion to include Network Operating System and adding a case study in Unit 6 that might be the latest version of Windows server.
- G. Dr. Wagh suggested that Mini Project should be theme based that should include the topics the students are studying or have studied.
- H. The course Economics and Finance should be changed to Entrepreneurship Development and Planning. The existing contents of Economics and Finance to be incorporated under new title.
- I. Dr. Annappa suggested that Advanced Database System should include concepts of NoSQL.
- J. Machine Learning was approved without any change.
- K. Under Professional Elective II, Digital Image Processing, Ad hoc Networks were approved as it is. Further the members suggested rethinking upon more contents related to Graph Theory in advanced data structures. Curriculum already contains two units related to Graph.
- L. Professional Elective III (3-1-0): Computer Graphics & Multimedia Techniques shifted to semester VI (earlier it was in semester V with lab). Further members suggested to have maximum three number of text books. Curriculum of Storage Networks was approved. It was suggested to change the title Ethical Hacking and Cyber Security as Cyber Security.
- M. Unix & Shell Programming, Object Oriented Modeling and Design were approved without any change.
- N. It was suggested to reduce contents of Web Programming. Accordingly the modifications will be made.

Resolution:-

After undergoing the changes revised T. Y. B. Tech. (CSE) Curriculum will be sent to BoS for approval.

Agenda Item No. 4: To discuss and approve mode of assessment of T.Y. B. Tech curriculum

The samples of few of the courses were discussed and approved.

Agenda Item No. 5: To discuss and approve new structure of F.Y. B. Tech to Final Year B. Tech curriculum to be implemented from Academic year 2019-20

New structure was presented to BoS with 170 credits.

Dr. P. J. Kulkarni emphasized to reduce total credits by 5-6.

It was decided to rethink on the course Workshop Practice.

Dr. Wagh mentioned that data communication course would be heavy for FY students. Dr. Annappa suggested placing it in 3rd semester and discrete mathematics can be brought in 2nd semester, which in turn needs to shift Computer Networks to 4th semester and OS needs to bring in 3rd Sem. It was resolved to rethink on this, probably modifying the contents of data communication.

Dr. P. J. Kulkarni suggested to change the title of "Biology" as "Biology for Engineers"

Computer Programming Laboratory to be renamed as "Computer Programming"

Dr. P. J. Kulkarni suggested to merge Basic Electrical and Basic Electronics.

Dr. P. J. Kulkarni suggested that Internship/Project in semester VII to be changed to Project and it is accepted by all members.

Resolution:-

To check for reduction of total credits and to accommodate the suggestions.

Agenda Item No. 6: To discuss and approve curriculum contents of F.Y. B. Tech to be implemented from Academic year 2019-20

Discussed curriculum contents of F.Y. B. Tech.

Discussed and approved Syllabus of Computer Programming. Also, chairman mentioned about branch specific computer programming curriculum development for other branches.

Dr. P. J. Kulkarni suggested to include ICT for Professional Communication.

Resolution:-

Contents of majority of courses of F.Y. B.Tech. were approved.

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Agenda Item No. 7: To note the student's performance for ISE and MSE

Discussed S.Y. B. Tech Results.

Data structure result was below 80% for MSE, Dr. Annappa suggested to focus more on problem formulation during practical sessions, he also suggested to arrange expert sessions for the same. Further the improvement in final results was noted and appreciated as a result of mode of conduct.

Overall result is appreciated by BoS Members.

Agenda Item No. 7: Any other item with the permission of chair

No special discussion was carried out.

Resolution: It was resolved to act upon the BoS suggestions after approval from Academic Council.

The meeting was ended with vote of thanks to all members.

**Member Secretary
Board of Studies**



**Chairman
Board of Studies (BoS)**

१) सभेचा प्रकार BOSS (C/D) ३) सभेची तारीख 13/11/2017 ५) सभेचे ठिकाण Civil
 २) सभेचा क्रमांक 01 ४) सभेची वेळ 10:00am
 ६) सभेस कोणी सन्माननीय गृहस्थ अगर अधिकारी हजर असाव्यास त्यांची (हुद्दासह) नावे : _____
 सभेचे अध्यक्ष - मान्यवर Dr. S.J. Arwika

विषय नं.	ठराव नंबर	सभेपुढे विचाराकरिता आलेले विषय आणि ठराव	शेरे व तारखेसह ठरावाची अंमलबजावणी

- Agenda Item No.1: To inform regarding conferment of autonomy to the institute
- Agenda Item No.2: To discuss and finalize the S.Y. to B. Tech structure only
- Agenda Item No.3: To discuss and finalize Electives, Open Electives, audit courses and Mandatory courses
- Agenda Item No.4: Any other item with the permission of chair

Dr. S. J. Arwika Head of Department welcomed and felicitated to all the BoS members and announced conferment of autonomous status by UGC and Shivaji University, Kolhapur (SUK) to ADCET. All the BoS members congratulated Executive Director and Head of Department for getting Autonomous status and appreciated the efforts taken by everyone.

Dr. S. J. Arwika Head of Civil Engineering Department, presented guidelines given by academics council regarding autonomy and BoS members gave approval to the same.

Dr. M. M. Awati, Dr. S. N. Tande and Dr. P.S. Patil suggested to, separate group wise electives such as structural engineering, construction management, environmental engineering and hydraulics

All BoS member suggested to program elective I related to structural engineering, program elective II related to construction management, irrigation engineering, environmental engineering etc.

Dr. M. M. Awati suggested to add Introduction to surface friction in unit no 2. – "Equilibrium of forces" for course engineering mechanics

Dr. P. S. Patil and Dr. H. S. Jadhav suggested to add legal aspects in construction engineering subject as an elective for final year civil engineering students

Dr. Hanmant Magar-patil, Dr. S.N.Tande suggested to add various advanced software such as STTAD Pro., Primavera, MS project, Estimator for final year civil engineering curriculum



बुक

सभेच्या कामकाजाच्या वृत्तांताचे पुस्तक

सूचना -

(प्रताप स्टोअर्स, इरलामपूर)
सभेस हजर असलेल्या सभासदांची नांवे गरजेप्रमाणे व जरूरीप्रमाणे स्वतंत्र कागदावर लिहून ती या कामकाजास जोडावीत.
पान नं.

७) सभेस असलेल्या सभासदांची नांवे व सहा					
अ.नं.	नांव	सही	अ.नं.	नांव	सही
१	Dr. S. J. Arwikaar		८	Mr. S. R. Patil	
२	Dr. M. M. Awati		९	Ms. S. B. Hivarekar	
३	Dr. H. S. Magee-Patil		१०	Ms. S. S. Mawite	
४	Dr. S. N. Gaude		११	Mr. R. V. Jadhav	
५	Dr. H. S. Jadhav		१२	Ms. C. R. Shah	
६	Dr. P. S. Patil		१३	Mr. P. A. Pisal	
७	Ms. P. D. Jadhav		१४	Ms. S. S. Tawade	
			१५	Mr. S. S. Narkar	

विषय नं.	ठराव नंबर	सभेपुढे विचाराकरिता आलेले विषय आणि ठराव	शेरे व तारखेसह ठरावाची अंमलबजावणी

All BoS member suggested to following changes in curriculum of Basic Civil Engineering subject (0BSES104)

- 1) Add practicals related to total station to find out area of plot. Also suggested to remove problems related to chain corrections.
- 2) Chaining and Ranging is outdated, but for basic introductory part kept as it is.
- 3) Building material and elements unit should be before principals of planning concepts
- 4) Revise the title of unit No.III.
- 5) Reduce contact hours from 42 to 40 hours.
- 6) In unit No. IV building materials and property transaction- only introductory contents of prestressed, precast, post tensioned should be kept (not in depth)
- 6) Reduce the contents of unit-V (Building Design and components of building)
- 7) Add more foreign author's book as reference books
- 8) Mode of conduction of ISE-I or ISE-II should be in MCQ/Assignment and oral.
- 9) Syllabus of Basic Civil Engineering and Engineering Mechanics is accepted with suggestions incorporated.



- १) सभेचा प्रकार BoS meeting ३) सभेची तारीख 24.04.2018 ५) सभेचे ठिकाण Civil seminar hall
-UG
२) सभेचा क्रमांक 02 ४) सभेची वेळ 10:00 am
६) सभेस फोणी सन्माननीय गृहस्थ अगर अधिकारी हजर असल्यास त्यांची (हुद्दासह) नावे : _____

सभेचे अध्यक्ष - मान्यवर Dr. S.J. Arwika - Head, Dept. of CIVIL Engineering

AGENDA

No.1: Welcome to BoS members

No.2: Review of autonomy work carried out in first year during academic year 2017-18 for Engineering Mechanics and Basic Civil Engineering.

No.3: Discussion on structure and curriculum for S.Y. B.Tech Civil Engineering

No.4: Discussion on curriculum prepared by ADCET faculty for each course.

No.5: Discussion on mode of assessment for ISE I and ISE II.

No.6 : Discussion on nature of question paper and format of question paper for MSE and ESE.

No.7 : Finalization of curriculum of S. Y. B. Tech 2018-19.

No.8 : Any other miscellaneous point with the permission of chair.

Dr. S. J. Arwika, Head of Department of Civil Engineering extended warm welcome and felicitated all the BoS members.

Dr. S. J. Arwika presented review of autonomy work carried out in first year during academic year 2017-18 for Engineering Mechanics and Basic Civil Engineering.

Dr. S. J. Arwika presented highlights of variation from SUK syllabus in course structures of S.Y B.Tech. (semester-III and IV). Also course structures of S.Y. B.Tech. (semester-III and IV) were discussed in length and subjectwise.

Following are the suggestions given by the BoS members:

1. More importance should be given to ESE-minimum 40% passing marks
- 2.

Sr. No.	Subject	Suggestions
a	Building construction and materials	Add Bamboo as advanced material for reinforcement Add UPVC windows
b	Building design and drawing	Add types of building in Unit-1 Individual drawings should be prepared by students.



बुक

सभेच्या कामकाजाच्या वृत्तांताचे पुस्तक

सूचना -

(प्रताप स्टोअर्स, इरलामपूर)

सभेस हजर असलेल्या सभासदांची नांवे गरजेप्रमाणे व जरूरीप्रमाणे स्वतंत्र कागदावर लिहून ती या कामकाजास जोडावीत.
पान नं.

७) सभेस असलेल्या सभासदांची नांवे व सहा

अ.नं.	नांव	सही	अ.नं.	नांव	सही
१	Dr. S.J. Arwiker		८	Mr. S.R. Patil	
२	Dr. M.M. Awati	-	९	Mr. S.B. Hivarekar	
३	Dr. H.S. Magar-Patil		१०	Mr. S.S. Mohile	
४	Dr. S.N. Tande		११	Mr. R.V. Jadhav	
५	Dr. H.S. Jadhav		१२	Mr. C.R. Shah	
६	Dr. P.S. Patil		१३	Mr. P.A. Pisal	
७	Mr. P.D. Jadhav		१४	Mrs. S.S. Tanavade	
			१५	Ms. Nasir Nalkwadi	

c	Auto CAD Lab	Introduction to sketch up software
d	Concrete Technology	Ferrow cement as special concrete
e	Concrete Technology Lab	Practical on high performance concrete Add more instruments of NDT if possible Comparison of strength for various grades of concrete
f	Strength of materials	More theory classes for unit 5 Calculation of loads if SFD and BMD are given.
g	Strength of materials Lab	Torsion test on rod Flexure test on timber Tile abrasion test
h	Engineering Management	More emphasis on HR management Site and labour handling

3. GATE based questions can be asked.
4. Course structures of Third Year and Final Year B.Tech. were discussed.
 - a) NPTEL courses can be added for self study.
 - b) Industrial safety subject can be added as open elective.
 - c) Add Prima Vera software.
 - d) Add Geotechnical Earthquake Engineering as subject.
 - e) Add Soil Structure Interaction as subject.



संस्थेचे नांव Annasaheb Dange College of Engg. & Technology Ashta.

प्रोसिडींग

१) सभेचा प्रकार BoS meeting U.V ३) सभेची तारीख 28-4-2019 ५) सभेचे ठिकाण Civil Denonary Hall
२) सभेचा क्रमांक 03 ४) सभेची वेळ 10.00 am
६) सभेस कोणी सन्माननीय गृहस्थ अगर अधिकारी हजर असल्यास त्यांची (हुदासह) नांवे : _____

सभेचे अध्यक्ष - मान्यवर Prof. S.S. Mohite - Head Dept of civil Engg.

विषय नं.	ठराव नंबर	सभेपुढे विचाराकरिता आलेले विषय आणि ठराव	शेरे व तारखेसह ठरावाची अंमलबजावणी
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AGENDA

No.1: Welcome to BoS members

No.2: Review of last meeting (Conducted on 24.4.2018)

No.3: Discussion on AICTE structure and curriculum and Structure for F.Y. B.Tech Civil Engineering for Academic Year 2019-2020 having total credits 168 and Finalization of curriculum of F.Y. B. Tech

No.4: Discussion on mode of assessment for ISE I, ISE II.

No.5: Discussion on nature of question paper and format of question paper for MSE and ESE

No.6: Finalization of curriculum of T. Y. B. Tech for academics year 2019 - 20

No.7: Any other miscellaneous point with the permission of chair.

Prof.S.S Mohite Head of Department of Civil Engineering extended warm welcome and felicitated all the BoS members.

Prof.S.S Mohite presented review of autonomy work carried out in second year during academic year 2018-19

Prof.S.S Mohite presented Course structure from FY to B Tech for academic year 2019-20 and detailed syllabus of TY-Civil for academic year 2019-20

Following are the suggestions given by the BoS members:

Discussion of course structure

1. SY-Civil Change subject name from Building construction and material to Building Technology
2. SY-Civil Numerical methods shall be included in Maths
3. TY-Civil-Subject name soil mechanics shall be changed to Geotechnical Engg-I and Foundation engg. Shall be changed to Geotechnical Engg-II
4. TY-Civil Open electives like Disaster management ,Smart city and sustainable development, rehabilitation of building shall be offered.
5. TY-Civil- Equipment like bump indicator, pressure meter shall be incorporated in transportation lab
6. TY-Civil -reduce the content of Infrastructure Engg. Add TBM in syllabus conduct more visits of under construction and constructed Highway, Railway, Tunnel etc. Possible Focus more on recent trends in infrastructure.
7. B Tech-Civil Change name of open elective structural auditing to structural health monitoring
8. B Tech-Civil Change name of subject Estimation and costing to Estimation, costing and valuation.



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बुक

सभेच्या कामकाजाच्या वृत्तांताचे पुस्तक

सूचना -

(प्रताप स्टोअर्स, इस्लामपूर)

सभेस हजर असलेल्या सभासदांची नांवे गरजेप्रमाणे व जरूरीप्रमाणे स्वतंत्र कागदावर लिहून ती या कामकाजास जोडावीत.
पान नं.**(७) सभेस असलेल्या सभासदांची नांवे व सहा**

अ.नं.	नांव	सही	अ.नं.	नांव	सही
१	Dr. M. B. Kurmathkar.		८	Mr. S. R. Patil	
२	Dr. H. R. Magar Patil		९	Mr. S. B. Hivarekar	
३	Dr. S. N. Tande		१०	Dr. V. R. Thombare	
४	Dr. H. S. Jadhav		११	Dr. A. P. Patil	
५	Dr. P. S. Patil		१२	Mr. R. V. Jadhav	
६	Mr. P. D. Jadhav		१३	Mr. C. R. Shah	
७	Mr. Pravin Pise		१४	Mr. P. A. Pise	

15 Mr. Vaibhav Mali

विषय नं.	ठराव नंबर	सभेपुढे विचाराकरिता आलेले विषय आणि ठराव	शेरे व तारखेसह ठरावाची अंमलबजावणी

9. Rectification in curriculum Structure of Civil Engineering Department as per the suggestions given by BOS.

It is decided that following changes are to be made before implementation of curriculum.

Sr.No	Description	Semester	In the control copy	Rectification suggested in BoS
1	Total number of credits	--	187	As per institute policy it should be 192
2	Course 0CVBS201	III	Name of course -Engineering Mathematics-III	It should be Applied mathematics-III
3	Course 0CVPC254	III	Name of course - CAD practice laboratory	It should be C- Programming laboratory
4.	Course 0CVPC261	IV	Name of course -Programming in Civil Engineering Laboratory	It should be CAD practice laboratory
5.	Credits of Semester	IV	23	It should be 22
6.	Credits of Semester	V	22	It should be 23
7.	Corse 0CVAC356	V	Name of course - Professional Lectures	It should be Professional Lectures and Skill Practices
8.	Corse 0CVPC401	VII	Name of course -Estimating and Costing ,Credits to Course are 3	Estimating and Costing ,Credits to Course should be 4
9.	Course 0CVPR452	VII	Name of course -Industrial training presentation	It should be made Course as General Proficiency Laboratory -II
10.	Credits of Semester	VII	25	It should be 26
11.	Course 0CVPR459	VIII	Name of course - Project Phase-II, given credits -6	Project Phase-II Credit- should be 10
12.	Credits of Semester	VIII	23	It should be 27



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संस्थेचे नांव _____

प्रोसिडींग

१) सभेचा प्रकार _____ ३) सभेची तारीख _____ ५) सभेचे ठिकाण _____

२) सभेचा क्रमांक _____ ४) सभेची वेळ _____

६) सभेस कोणी सन्माननीय गृहस्थ अगर अधिकारी हजर असल्यास त्यांची (हुद्दासह) नावे : _____

सभेचे अध्यक्ष - मान्यवर _____

विषय नं.	ठराव नंबर	सभेपुढे विचाराकरिता आलेले विषय आणि ठराव	शेरे व तारखेसह ठरावाची अंमलबजावणी

10. B Tech-Civil –professional elective shall be shifted to B Tech 8th sem from 6th sem semester and Earthquake resisting structures shall be shifted from 8th sem to 6th sem

Sr. No.	Name of Subject	Suggestions
a	Building Planning and Drawing	3D Elevation shall be removed Area of public building shall be restricted while giving to students(like 300-500 m2)
b	Infrastructure Engg	Reduce content of syllabus and Add TBM in syllabus Conduct more visits of under construction and constructed Highway, Railway, Tunnel etc. Possible Focus more on recent trends in infrastructure.
c	Theory of structure	Stiffness and flexibility matrix to be added in syllabus
d	Soft computing skill	List out only fields do not mention software names
e	Self study	Use NPTEL courses of 8 weeks for self study If listed courses are not available on NPTEL the similar courses may be incorporated
f	Design of Concrete Bridges	Remove structural audit unit and add prestressed concrete
g	Water supply Engineering	Content to be reshuffled
h	Engineering mechanics	Virtual work method and Graphical method for truss to included
i	Fundamental of civil engg.	Chaining to be removed
j	Mini Project	Increase content of Mini project
k	Remote sensing and GIS application in civil engg	Include Disaster management
l	Soil Mechanics	Don't make all experiment mandatory content is more make list and mention only required experiment
m	Foundation Engg.	Add site investigation report in syllabus
n	Design of Steel Structures	Exam Duration For 100 marks should be 4 hrs. Plate girder and Roofing system to be added



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Minutes of Meeting:

Item No.1: Welcome to BoS members

- Head of Department of Civil Engineering welcomed all the BOS members and thanked for attendance for this meeting and appealed to suggest changes which will be benefited by the civil engineering students..

Item No.2: Review of 3rd BoS meeting held on 20th April 2019

- The 3rd BoS meetings were conducted on 20/04/2019, all suggestion given during meeting were incorporated in the curriculum. Presentation on the initiatives implemented in the department according to the suggestions was made by the Head of department.
- The minutes of the 3rd meeting were circulated to all the members and the BoS committee resolved that the minutes of 3rd BoS meeting held on 20/04/2019 be confirmed.

Item No.3: Presentation on course curriculums.

- Head Department of Civil Engineering presented curriculum for final year B. Tech (192 credits) and curriculum for S. Y. B. Tech (168 Credits) which is prepared by concern course teacher by referring AICTE model curriculum, IITs and NITs institutes curriculum, University curriculum and Autonomous colleges curriculum.
- During framing curriculum domain wise courses are allocated to respective experts from BOS members so through discussion is take place for specific course.
- The BoS members and course teacher discussed in detail and finalized the course outcome of respective courses. Also a detailed discussion was made on deciding cognitive levels of CO's for courses.
- The suggestions and implementation given by the experts (course wise) is included in **Annexure I.**

Item No.4: Discussion on examination scheme.

- The internal examination like ISE I and ISE II of S. Y. B. Tech and final year B. Tech was discussed in depth. As per institute policy this examination will be having waigtage each



of 10 % and will be conducted by respective course teacher. The BOS members suggested that the mode of conduct of this examination will communicate well in advance to students. The activity based assessment will be preferred for same.

- as per institute policy ,following examination scheme was approved and finalized.

Theory Courses: In Semester Examination: 20 %
 Mid Semester Examination: 30 %
 End Semester Examination: 50%

Laboratory courses and project: In Semester Examination: 50%
 End Semester Examination: 50%

Item No 5: Discussion on mode of assessment for internal assessment of students.

- BoS members suggested to conduct activity based assessment for In Semester Examination.
- Following some assessment methods were suggested for different courses

Sr. No.	Assessment method	Course Name
1	Jigsaw puzzle	Advance Surveying, Engineering management, Concrete Technology, Estimating and Costing etc.
2	Model making	Engineering Geology, building design and drawing etc.
3	Poster presentation	Fluid mechanics, Environmental engineering etc.
4	Presentations and seminar	Infrastructure engineering, Water resources engineering

Item No.6: Discussion on question paper pattern.

- Question paper pattern for MSE and ESE examinations was discussed in depth and finalized.
- Following suggestions given by the BoS members.
 - All the COs should have equal weightage.
 - The question paper quality should be checked from experts outside the institute.
 - Question paper should be set by referring Bloom taxonomy.



Item No.7: Any other item with the permission of chair

- BOS members suggested that the include courses like PSP, software oriented courses, expertise from industry person, entrepreneurship enhancement courses for knowledge up gradation.
- BOS members suggested to buy civil engineering software's like REVET ,STADPRO, ETAB and other.

Meeting ended with vote of thanks by Dr. A. P. Patil, BOS members were appreciated for the efforts put by all the faculties for framing curriculum and thought process applied..



Annexure 1

Final Year B. Tech (192 Credits)			
Sr. No.	Course Name	Course Code	Suggestions given by BoS members
1	Estimating and Costing	0CVPC401	<ul style="list-style-type: none"> • Important to cover detailed estimate of framed structure instead of load bearing structure • In unit no 4. Add e-tendering and PPP models • Show models of beam, column footing for bar bending schedule as real life examples
2	Estimating and Costing Laboratory	0CVPC451	<ul style="list-style-type: none"> • For preparing measurement sheet and abstract sheet of detailed estimate of G+1 residential building use excel sheet or estimator software
3	Design of concrete structures I	0CVPC402	<ul style="list-style-type: none"> • Include continues beam in unit no.4 • Remove flat slab design in unit no.3 • Remove design of design of trapezoidal footing in unit no.6
4	Earthquake Resistant Structures	0CVPC403	<ul style="list-style-type: none"> • Curriculum sequence should be proper. • Include updated IS Code 1893:2016 Part – I, in curriculum used in problems of base shear in unit 5. • Include just introduction of other seismic analysis method in unit 5.
5	Economics and Management	0CVOE415	<ul style="list-style-type: none"> • Include a separate unit on project economics terms, project feasibility and profitability • Include in Unit 5 Business environment, Business ethics & economic • Remove various acts like minimum wages act, workman compensation act, child labour act etc.
6	Structural Audit	0CVPE428	<ul style="list-style-type: none"> • Semi destructive testing like UPSV test, Carbonation test, half-cell potentiometer test should be added in unit no. 4
7	Safety aspects in Construction	0CVPE430	<ul style="list-style-type: none"> • Change the name of subject safety in construction as Safety Aspects in Construction • Add Unit about safety management system, Safety culture • Add safety standards & legislation • Remove safety policy, safety organization safety plan as it cover in subject Project Management
8	Project Management	0CVPC422	<ul style="list-style-type: none"> • Include site layout of construction project will be added in unit no.1 • Include cycle time and product time of all construction equipments in unit no.4
9	Soft Computing Skills Laboratory-II	0CVES453	<ul style="list-style-type: none"> • Include various software from different fields in civil engineering



10	Hydraulic Structures, HRD	0CVPE409 0CVOE412	<ul style="list-style-type: none"> • Revise CO's to more than level 3 • Change ISE- 1 from written test to activity based method
11	Structural Design and Drawing II	0CVPC458	<ul style="list-style-type: none"> • Need to remove design of footing in experiment no.2 • Importance to real life examples to be covered
12	Entrepreneurship	0CVPC423	<ul style="list-style-type: none"> • Include recent five years plan for MSME • Include SWOC Analysis
13	Entrepreneurship Laboratory	0CVPC457	<ul style="list-style-type: none"> • Recommended to do project on any product for entrepreneurship

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Final Year B. Tech (168 Credits)

Sr. No.	Course	Course Code	Suggestions given by BoS members
1	Advanced Surveying	1CVPC202	<ul style="list-style-type: none"> • Include recent survey method like satellite survey and drone survey in photogrammetric survey chapter no. 3
2	Advanced Surveying Laboratory	1CVPC252	<ul style="list-style-type: none"> • Conduct all experiments by using total station rather than tachometry, theodolite etc.
3	Fluid Mechanics	1CVPC203	<ul style="list-style-type: none"> • Include performance characteristics curves of turbine in unit no. 2 • Include current meter in open channel flow in unit No.3
4	Strength of Materials	1CVPC204	<ul style="list-style-type: none"> • It is decided that include preparation of loading diagram from SFD and BMD. • it is discussed that Strain energy topic will be included in the strength of material instead of long column.
5	Building Technology	1CVPC205	<ul style="list-style-type: none"> • Include various types of composite masonry walls, reinforced brick masonry in unit no.2 • Include types of mortar for masonry in unit no.2
6	Building Technology Laboratory	1CVPC255	<ul style="list-style-type: none"> • Include market survey of item rates of various building construction units like foundation, beam, column, slab etc.
7	Engineering Management	1CVHS206	<ul style="list-style-type: none"> • Include different theories like Neoclassical and Maslow's theory for management in unit 1
8	Structural Analysis	1CVPC207	<ul style="list-style-type: none"> • In the long column both theories will be covered in this structural analysis instead of theories of failure.




9	Water Resources Engineering	1CVPC208	<ul style="list-style-type: none"> • Include Streams gauging and flood estimation in the syllabus.
10	Building Design and Drawing	1CVPC209	<ul style="list-style-type: none"> • Include building planning by laws & regulations as per SP-7 1983, national building code of India in unit no. 1
11	Building Design and Drawing Laboratory	1CVPC256	<ul style="list-style-type: none"> • Experiment No. 4,5, 6, 7 (Working Drawing of G+1 residential building) should be on AUTO CAD
12	Concrete Technology	1CVPC210	<ul style="list-style-type: none"> • Include concrete mix design by ACI 211.1-91 for high strength concrete

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- १) सभेचा प्रकार B.O.S. Meching U.G. ३) सभेची तारीख ०४-०१-२०२० ५) सभेचे ठिकाण Civil Seminar Hall
२) सभेचा क्रमांक ०४ ४) सभेची वेळ १०:०० a.m.
६) सभेस कोणी सन्माननीय गृहस्थ अगर अधिकारी हजर असल्यास त्यांची (हुद्दासह) नावे : _____

सभेचे अध्यक्ष - मान्यवर 
Mr. S.S. Mohite, Head of Department, Civil Engineering

विषय नं.	ठराव नंबर	सभेपुढे विचाराकरिता आलेले विषय आणि ठराव	शेरे व तारखेसह ठरावाची
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AGENDA

Item No.1: Welcome to BoS members

Item No.2: Review of 3rd BoS meeting held on 20th April 2019

Item No.3: Presentation on course curriculums

Item No.4: Discussion on examination scheme

Item No 5: Discussion on mode of assessment for internal assessment of students.

Item No.6: Discussion on question paper pattern

Item No.7: Any other item with the permission of chair



बुक

सभेच्या कामकाजाच्या वृत्तांताचे पुस्तक

सूचना -

(प्रताप स्टोअर्स, इस्लामपूर)
सभेस हजर असलेल्या सभासदांची नावे गरजेप्रमाणे व जरूरीप्रमाणे
स्वतंत्र कागदावर लिहून ती या कामकाजास जोडावीत.
पान नं.

७) सभेस असलेल्या सभासदांची नावे व सहा

अ.नं.	नांव	सही	अ.नं.	नांव	सही
१	Mr. S.S. Mohite		८	Mr. S.B. Hivarekar	
२	Dr. Y.M. Ghugal		९	Dr. A. P. Patil	
३	Dr. M.B. Kumthekar		१०	Mr. R.A. Patil	
४	Mr. Hanmant Nagar-Patil		११	Mr. R. R. Chavarekar	
५	Mr. D.S. Patil		१२	Mr. R.V. Jadhav	
६	Mr. Chidambar S. Kobbhaskar		१३	Mr. P. G. Chandak	
७	Mr. Aman Agrawal		१४	Mrs. V.M. Patil	

विषय नं.	ठराव नंबर	सभेपुढे विचाराकरिता आलेले विषय आणि ठराव	शेरे व तारखेसह ठरावाची अंमलबजावणी
		15) Mr. G.S. Kete.	
		16) Mr. C.R. Shubh	
		17) Mr. A.G. Mujawar	
		18) Mr. P.A. Pisal	
		19) Mr. M.M. Bhanuse	
		20) Mr. S.S. Patil	
		21) Mr. P.A. Mali	
		22) Mr. A.A. Bhatkar	
		23) Mr. M.A. Mursal	
		24) Mr. A.D. Patil	
		25) Mr. K.K. Shinde	
		26) Mrs. S.S. Pujari.	

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**ANNSAHEB DANGE COLLEGE OF
ENGINEERING & TECHNOLOGY**

(Approved by AICTE, New Delhi, Govt. of Maharashtra.
Affiliated to Shivaji University, Kolhapur)

Ref. ADCET / Civil / 98

Date : 08/02/2021

Department of Civil Engineering

All the members of "Board of Studies" are invited for an online meeting which is scheduled on Thursday 11-02-2021 at 10.30 am. The agenda of meeting is as below.

Agenda of Meeting

1. Review of 4th BoS meeting held on 4th January 2020
2. Discussion on T.Y.B. Tech course curriculum.
3. Discussion about value added courses
4. Discussion regarding Dual Degree Courses.
5. Discussion on Question paper pattern.
6. Discussion on 'Minor degree course's and 'Honours Degree courses'.
7. Any other points for discussion with permission of chair person.

Mr. S. S. Mohite

(HOD-Civil Engineering)



Board of Studies: Minutes of meeting

- The meeting on online platform for “Board of Studies” was held on Thursday 11-02-2021 at 11.00 am under chairmanship of Head of Civil Engineering Department.
 - Following members were participated in online meeting
 - Dr. M. B. Kumthekar
 - Dr. Y. M. Ghugal
 - Dr. H. R. Magar-Patil
 - Er. Aman Arawal
 - Head of department
 - All faculty members of Civil Engineering Department.
- One by one agenda points were discussed and very accountable input were received from BOS members.

1: Review of 4th BoS meeting held on 4th January 2020.

- The 4th BoS meeting held on 4th January 2020, all points discussed in the same meeting were read by chairman and suggestion are also discussed. All suggestions are implemented during framing 192 credit curriculum and 168 credited curriculum.

2: Discussion on T. Y. B. Tech course curriculum.

- Head of Department presented the curriculum for T. Y. B. Tech (168 credits) which is prepared by concern course teachers with reference to curriculum of AICTE, IIT's, NIT's, SUK, Autonomous institute's and as per the requirements of industries.
- Suggestions given by the experts are mentioned in the Annexure 1

3: Discussion about value added courses, Minor courses and Honor degree courses.

- **Value Added courses.**
BoS Members suggested that give the courses like NPTEL, MOOC which will emphasis on the skill enhancement of students. Conduct more courses of different software and upgrade students.
- **Honor And Minor Degree Courses**
- Department of civil engineering ADCET Ashta is planning to offer Honor and Minor programs in following areas of civil engineering.
 - **Project Management Finance, and marketing.**
 - **GIS, GPS and Remote Sensing**
- The program is designed considering the guidelines given in AICTE Approval Process Handbook 2018 and 2020-21.
- Following points are considered for designing the program:



- The minimum additional Credits for such Program shall be in the range of 18-20 and the same shall be mentioned in the degree, as specialization in that particular area.
- If students from Civil engineering department undertake the program (Project Management Finance and marketing) and complete the said number of additional extra credits (apart from regular) he/she will be entitled for B.Tech (Hons.) Civil Engineering with specialization in Project Management Finance and marketing.
- If students from other department undertake the program and complete the said number of additional extra credits (apart from regular) he/she will be entitled for a degree in the parent department with a MINOR form Civil Department.
- The courses for the program will be provided using Face to face and MOOCs. Plan of floating courses for 18 credits to earn the degree is as follows.

Year	Semester	Course	Credit
Third	I	Face to Face	3
		MOOC	3
	II	Face to Face	3
		MOOC	3
Final Year	I	Face to face/MOOC	2
		Project	4

- **Details of Programs**

Following courses (not limited to the given list) will be offered for a particular program

- **Project Management, Finance and marketing.**
 - Organizational Behavior
 - Business Statistics
 - Introduction to finance and accounting
 - Sustainable Project Management
 - Introduction to Labor management relations



- Principles of Marking
- Online Courses available on various platforms like EDx, SWAYAM, NPTEL, COURSERA (Which fit in the domain area and Academic calendar of the Institute)
- **GIS, GPS and Remote Sensing**
 - Fundamental of Remote Sensing
 - Fundamentals of GIS and GPS
 - Basics of Photogrammetry
 - Digital Image processing
 - Advance Surveying and field work
 - Open Source GIS
 - Online Courses available on various platforms like EDx, SWAYAM, NPTEL, COURSERA (Which fit in the domain area and Academic calendar of the Institute).
 - The effort taken by the faculty members for framing the curriculum is appreciated by the members.
- At the end Mr. S S. Mohite (HOD) presented the Vote of Thanks.

Prof. S. S. Mohite
HOD-Civil Department



Annexure 1

T. Y. B. Tech (168 Credits)

Sr. No.	Course Name	Course Code	Suggestions given by BoS members
1	Remote Sensing & GIS Applications	1CVOE302	<ul style="list-style-type: none"> • Satellite remote sensing, Drones technology, Radar and Lidar techniques should be added. • Aerial photography should be removed.
2	Geotechnical Engineering I	1CVPC304	<ul style="list-style-type: none"> • For GTE-II course name may Foundation Engineering. • Give exposure regarding Pile (Deep) foundation by site visit.
3	Engineering Geology	1CVPE306	<ul style="list-style-type: none"> • Add application based content.
4	Town Planning & Traffic Engineering	1CVPE309	<ul style="list-style-type: none"> • Add sustainability, smart city content.
5	Safety Aspects in Construction	1CVPE309	<ul style="list-style-type: none"> • Add contents regarding fire audit.
6	Building Planning & Drawing Laboratory	1CVPC352	<ul style="list-style-type: none"> • Public building should be minimum G+1 • Add drawing of foundation plan
7	Open Channel Flow Laboratory	1CVPE355	<ul style="list-style-type: none"> • Views of experts from Hydraulics should be considered.
8	Town Planning & Traffic Engineering Laboratory	1CVPE356	<ul style="list-style-type: none"> • Classification of IRC loading, Design of actual load on road should be added.
9	Professional Skill Practices	1CVES359	<ul style="list-style-type: none"> • Bar bending on site, retaining wall should be added.
10	Economics & Management	1CVOE311	<ul style="list-style-type: none"> • BIM, Kaizen, Waste control should be added.
11	Repair & Rehabilitation of Structures	1CVPE314	<ul style="list-style-type: none"> • New material and their effectiveness, Glass fiber, Carbon fiber should be added.



12	Disaster Management	1CVPE316	<ul style="list-style-type: none"> • Human rights, Use of drone, Manmade disasters, Fire disasters should added.
13	Waste Treatment & Pollution Control	1CVPE321	<ul style="list-style-type: none"> • Novel treatment and Spent wash treatment should be added
14	Advanced Construction Techniques	1CVPE322	<ul style="list-style-type: none"> • Mivan, Rubber, Tunnel formwork • Write specific about High volume fly ash concrete • Value addition topics, reinforcement- FE550, TMT • Add Pre-Engineered buildings • Soil retaining structures • Launching of girders, Tunnel boring machines • No dig technology
15	Site Investigation Methods & Practices Laboratory	1CVPE362	<ul style="list-style-type: none"> • Add site to core logging
16	Structural Masonry Laboratory	1CVPE363	<ul style="list-style-type: none"> • Add visit to old buildings, temples, etc
17	Advanced Construction Techniques Laboratory	1CVPE365	<ul style="list-style-type: none"> • Instead of modern formwork, specify the name formwork • Add dewatering, grouting techniques
18	Structural Auditing Laboratory	1CVPE366	<ul style="list-style-type: none"> • Half potential meter should be added to know corrosion of reinforcement. • How to write Structural Auditing report: Take expert's opinion.

V2



HEAD
Civil Engineering Dept.
 Annasaheb Dange College of
 Engineering & Technology, Ashta. 416 301

- 'A' Grade Institute Accredited by NAAC, Bangalore
- NBA Accredited Institute
- ISO-9001 : 2015 Certified Institute

An Autonomous Institute



Sant Dnyaneshwar Shikshan Sanstha's
**ANNASHEB DANGE COLLEGE OF
ENGINEERING & TECHNOLOGY**
(Approved by AICTE, New Delhi, Govt. of Maharashtra.
Affiliated to Shivaji University, Kolhapur)

Ref. ADCET / CIVIL / 129


Date : 11 / 10 / 2021

Department of Civil Engineering

All the members of "Board of Studies" are invited for an online meeting which is scheduled on Saturday 16-10-2021 at 10.30 am. The agenda of meeting is as below.

Agenda of Meeting

1. Review of 5th BoS meeting held on 11th February 2021
2. Discussion on B. Tech course curriculum.
3. Discussion on Honor Degree and Minor Degree courses.
4. Discussion on add-on courses for skill development.
5. Discussion on Question paper pattern.
6. Discussion on mode of conduct of In semester evaluation.
7. Any other points for discussion with permission of chair person.


Mr. S. S. Mohite
(HOD-Civil Engineering)



Ref.

Date : 12/10/2021

Board of Studies: Minutes of meeting

- The meeting on online platform for "Board of Studies" was held on Saturday 16-10-2021 at 10.30 am under chairmanship of Head of Civil Engineering Department.
- Following members were participated in online meeting
Dr. M. B. Kumthekar
Dr. Y. M. Ghugal
Dr. Pradeep BabanraoKodag
Er. Aman Arawal
Head of department
All faculty members of Civil Engineering Department.
- One by one agenda points were discussed and very accountable inputs were received from BOS members.

1: Review of 5th BoS meeting held on 11th February 2021.

- The 5th BoS meeting was held on 11th February 2021. The points discussed in the meeting were read by chairman. It was brought to the notice of the BOS members that all suggestions were implemented during framing of 168 credited curriculums.

2: Discussion on B. Tech course curriculum.

- Head of Department presented the curriculum for Final year B.Tech (168 credits) which is prepared by concern course teachers with reference to curriculum of AICTE, IIT's, NIT's, SUK, Autonomous institute's and as per the industry requirements.
- Suggestions given by the experts are mentioned in the **Annexure 1**

3: Discussion on Honor Degree and Minor Degree courses.

- Department of Civil Engineering ADCET Ashta is planning to offer Honor and Minor programs in GIS, GPS and Remote Sensing area. The courses offering agencies are IIRS, SWAYAM NPTEL, edX, ESRI.
- The above program is designed considering the guidelines given in AICTE Approval Process Handbook 2018 and 2020-21 for T.Y.B.Tech students.

4: Discussion on add-on courses for skill development

- Department of civil engineering ADCET Ashta is planning to offer add-on courses for student's skill development. The planned activities are as below.

Name of Activity	Skill Development
Tekla software training	<ul style="list-style-type: none"> • BIM for structures • Analysis and design of structure
STAAD-Pro software training	<ul style="list-style-type: none"> • Analysis and design of structure
ABAQUS software training	<ul style="list-style-type: none"> • Analysis and design of structure
Workshop on Total Station	<ul style="list-style-type: none"> • Advanced surveying skills
Field training on Line out	<ul style="list-style-type: none"> • On field execution

5: Discussion on Question paper pattern.

- The pattern of question of each course is discussed in depth. The suggestions given by BOS members will be implemented while setting the question papers in future.

6: Discussion on mode of conduct of In semester evaluation.

- It was decided to conduct Activity based In-Semester Assessment. The list of assessment methods and courses mentioned in the table below. BOS members have suggested to prepare the rubrics for the assessment.

Sr. No.	Assessment Method	Course Name
1.	Jigsaw puzzle	Quantity Surveying & Valuation.
2.	Model making	Hydraulic Structures, Industrial Waste Water Treatment, Earthquake Resistant Structures, Pavement Design & Analysis
3.	Poster presentation	Advanced Engineering Geology & Rock Mechanics
4.	Presentations and seminar	Pavement Design & Analysis
5.	Video preparation/presentation	Project Management, Project Management
6.	Snake and ladder	Advanced Design of Concrete Structures
7.	Brain storming	Earthquake Resistant Structures, Design of Concrete Structures
8.	Case study	Structural Auditing
9.	Group discussion	Human Resources Development
10.	Debate	Industrial Waste Water Treatment
11.	Pictionary	Disaster Management
12.	Role play	Management Information System

- The efforts taken by the faculty members for framing the curriculum is appreciated by the BOS members.
- Dr. M. B. Kumthekar (BOS Member) congratulated Dr. P. G. Chandak for completing his PhD from VTU Belgaum.
- At the end Mr. SS. Mohite (HOD) presented the Vote of Thanks



Prof. S. S. Mohite
HOD-Civil Department

Annexure 1

Final Year B. Tech (168 Credits)			
Sr. No.	Course Name	Course Code	Suggestions given by BoS members
1	Structure Auditing	1CVOE401	<ul style="list-style-type: none"> • Add machine foundation, Power stations, Bridge, offshore structures, Runways, Highway & Railway metal structures, • Infrared techniques, sensors-equipments, crack pattern detection
2	Disaster Management	1CVOE402	<ul style="list-style-type: none"> • Merge chapters 1, 2 & 3. • Add application part in depth required for other departments : Chemical disasters, Flood, Earthquake, Manmade disasters, Blast resisting structures, cyber attacks, biological attacks, weapons, problems related to local industry
3	Design Concrete Structure	1CVPC403	<ul style="list-style-type: none"> • Change title as Design of Reinforced concrete structures. • Add biaxial loading of column, Design of sunk slab • Add latest books and codes.
4	Earthquake Resistant Structure	1CVPC409	<ul style="list-style-type: none"> • Change sequence of units
5	Entrepreneurship	1CVPE404	<ul style="list-style-type: none"> • Add topics like GST, Tally, Marketing system, • Government schemes, Soft funding AICTE Proposal
6	Hydraulic structures	1CVPE405	<ul style="list-style-type: none"> • Add contents regarding Dam, Spillways • Add design concepts.
7	Pavement design & analysis	1CVPE406	<ul style="list-style-type: none"> • Add advanced materials of road pavements, polymer concrete • Testing of materials used for flexible and rigid pavement, Crack pattern analysis, joint failures, Dowel bars design • Add latest IRC codes
8	Advance design to cone Structure	1CVPE407	<ul style="list-style-type: none"> • Combine unit 1 and 2 • Unit 2 will be Design of elevated water tank • Add Counter port, buttress, inclined surcharge



9	Design of foundation	1CVPE408	<ul style="list-style-type: none"> • Add design of combined and raft footing
10	Quantity surveying & Valuation	1CVPC410	<ul style="list-style-type: none"> • Unit 1 will be fundamental of Specifications, • Add how to find quantities & estimate of road structure, quantity of door, window frame, waist slab, beam, Rate analysis of various items • Add practical approach to calculate Valuation, rent of property • Add how to write tender notice • Add use of Software for finding quantities, Estimation & costing, E-Tendering
11	Structural Design and Drawing- II	1CVPR452	<ul style="list-style-type: none"> • Add use of software like ETAB, Stadd, AutoCAD, and Rivet to design structures.
12	Design of Bridges	1CVPE411	<ul style="list-style-type: none"> • Add design of Post Tensioned bridges, Girder bridges.
13	Management Information System	1CVPE412	<ul style="list-style-type: none"> • Add application part for Civil Engineering
14	Advanced Engineering Geology & Rock Mechanics	1CVPE413	<ul style="list-style-type: none"> • Focus should be on Applications in Civil Engineer • Add importance of geology for Construction of Tunnel, bridge, dam, Flood, Earthquake design structure, how rocks will be protected?
15	Industrial waste water treatment	1CVPE414	<ul style="list-style-type: none"> • Add how Industrial waste is different from domestic waste • Add latest Technology used for Heavy metal, Paint Industry • Add different Environmental protection government schemes/policy
16	Human Resource development	1CVPE415	<ul style="list-style-type: none"> • Add content regarding applications in Civil Engineering
17	Project Management	1CVPC416	<ul style="list-style-type: none"> • Cancel content of CPM, PERT • Add the concept of BIM • Add Modern techniques like Nevil Soft • Add Drilling Equipments, Crushing Equipments Blasting, Scrapper, Hoes, Compactor, Control Blast and remove use of tractor





Sant Dynaneshwar Shikshan Sanstha's
Annasaheb Dange College of Engineering and Technology, Ashta
(An Autonomous Institute)
DEPARTMENT OF AERONAUTICAL ENGINEERING

**Minutes of the First Board of Studies Meeting held on 15th July 2017 at
11:00 AM in the Board Room, ADCET, Ashta.**

Members Present:

1	Dr. L. Y. Waghmode	-	Chairman
2	Dr. P. K. Dash	-	Member
3	Dr. Sham Gurav	-	Member
4	Dr. N. Kishornath	-	Member
5	Mr. T. M. Naidu	-	Member
6	Mr. R. G. Makade	-	Member & Coordinator
7	Dr. K. V. Kulkarni	-	Member
8	Mr. Narasimha Reddy	-	Member
9	Mr. Y. B. Kumbhar	-	Member
10	Mr. K. M. Kiran Babu	-	Member
11	Mr. Nikhil Franklin	-	Member
12	Mr. Akhil Chandran	-	Member
13	Ms. P. B. Patil	-	Member
14	Mr. K. Balaji	-	Member
15	Mr. M. Ponvelchamy	-	Member
16	Ms. G. Pallavi	-	Member

Members Absent:

1	Dr. P. M. Mohite	-	Member
2	Mr. R. Reju	-	Member

Dr. L. Y. Waghmode, Chairman (BOS), Vice Principal (Administration) & Head of Aeronautical Engineering Department chaired the meeting and welcomed all the members to the First Meeting of Board of Studies (BoS) of the Department of Aeronautical Engineering. He introduced all the members of the panel to each other.

He informed all the members about the conferment of the Autonomous status to the ADCET, Ashta by the Shivaji University, Kolhapur & UGC, New Delhi. The members were informed about the **New Curriculum & the Evaluation Scheme that is to be finalized for B.Tech (Aeronautical Engineering) in this First BOS** and requested the panel members to put forward their suggestions & recommendations.



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ITEM No: 01-BOS-1.1	For Reporting to AAC
To discuss the proposed curriculum structure of Second Year B. Tech. Aeronautical under Autonomous mode -(Annexure - I)	
<ul style="list-style-type: none">• One hour Tutorial hour was recommended for the courses such as Applied thermodynamics & Propulsion by External Panel Members.• The Panel members suggested to introduce programming language course like "Python" for the students instead of C++, This point was discussed deliberately and keeping in the mind the requirements of current recruiters the course of C++ was finalized.• The contents of the Aircraft Component Drawing Lab were discussed & it was concluded with detailed discussion to have 50% weightage for Hand Drawing & 50% weightage for Computer Aided Drawing.	
ITEM No: 01-BOS-1.2	For Reporting to AAC
To discuss the proposed curriculum structure of Third Year B. Tech. Aeronautical under Autonomous mode -(Annexure - I)	
<ul style="list-style-type: none">• The panel suggested to modify the course distribution of the fifth semester, as more core subjects were concentrated in that part of curriculum.• A course of Microprocessor & Its Application was suggested instead of the Electrical and Electronics Circuits course in the Fifth Semester.• A deliberate discussion on the inclusion of the Computational Fluid Dynamics course in the sixth semester was carried out, and from the point of view of the current industrial requirements the panel concluded to continue with the course.	
ITEM No: 01-BOS-1.3	For Reporting to AAC
To discuss the proposed curriculum structure of Final Year B. Tech. Aeronautical under Autonomous mode -(Annexure - I)	
<ul style="list-style-type: none">• The elective courses such as Hypersonic Aerodynamics, Industrial Aerodynamics, Experimental Aerodynamics, Experimental Stress Analysis, Fatigue & Fracture, Advanced Strength of Materials, Total Quality Management, Ceramics, and Cryogenics were suggested for the inclusion in the List of Electives by the Panel Members.• The course Avionics & Introduction to UAV is to be included in the List of Open Electives.	





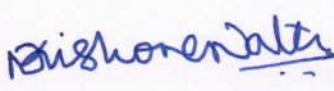
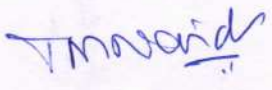

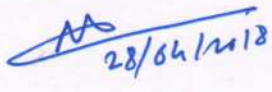


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DEPARTMENT OF AERONAUTICAL ENGINEERING

ITEM No: 01-BOS-2	
To finalize the curriculum structure of Second Year to Final Year B. Tech. Aeronautical under Autonomous mode –(Annexure – II)	
After the detailed and lengthy discussion between all the members of the BOS Panel the, Panel Resolved to recommended to the Academic Advisory Council(AAC) the modified & final Curriculum scheme of the Second Year to Final Year B.Tech Aeronautical Engineering for the approval of AAC.	For Approval of AAC
ITEM No: 01-BOS-3	
To finalize the Evaluation Scheme of Second Year to Final Year B. Tech. Aeronautical under Autonomous mode –(Annexure – II)	
The BOS Panel Resolved to recommend to the Academic Advisory Council (AAC) the proposed Evaluation scheme of the Second Year to Final Year B.Tech Aeronautical Engineering for the approval of AAC, which was discussed in detail.	For Approval of AAC
ITEM No: 01-BOS-4	
To finalize the mandatory and audit courses to be offered under Autonomous mode –(Annexure – II)	
The BOS Panel Resolved to recommend to the Academic Advisory Council (AAC) the Mandatory & the Audit courses to be offered to the students from the Second Year to the Final Year, for the approval of the AAC, after the detailed discussion with all the panel members of the BOS.	For Approval of AAC
ITEM No: 01-BOS-5	
GATE Examination & Preparations	
The panel members discussed on the emphasis of GATE Examination and suggested to develop the culture of GATE appearing among all the students of the department, and the panel appreciated the work done by all faculty members, for developing curriculum keeping in mind the GATE Syllabus.	For Reporting to AAC



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The meeting ended with the Vote of Thanks by Dr. L. Y. Waghmode, Chairman (BOS).

1	Dr. L. Y. Waghmode	-	Chairman	
2	Dr. P. K. Dash	-	Member	
3	Dr. P. M. Mohite	-	Member	- Absent -
4	Dr. Sham Gurav	-	Member	
5	Dr. N. Kishornath	-	Member	
6	Mr. T. M. Naidu	-	Member	
7	Mr. R. G. Makade	-	Member & Coordinator	
8	Dr. K. V. Kulkarni	-	Member	
9	Mr. Narasimha Reddy	-	Member	 28/04/2018
10	Mr. Y. B. Kumbhar	-	Member	
11	Mr. K. M. Kiran Babu	-	Member	



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DEPARTMENT OF AERONAUTICAL ENGINEERING

- 12 Mr. Nikhil Franklin - Member *Nikhil*
- 13 Mr. Akhil Chandran - Member
- 14 Ms. P. B. Patil - Member *P. B. Patil*
- 15 Mr. K. Balaji - Member
- 16 Mr. M. Ponvelchamy - Member *P. M.*
- 17 Ms. G. Pallavi - Member
- 18 Mr. R. Reju - Member



संस्थेचे नाव

Name of Institution

Annesabai Dange college of Engg &
Technology, AshraPROCEEDING
सभेच्या कामकाजाच्याBOOK
वृत्तांताचे पुस्तकसूचना - सभेस हजर असलेल्या सभासदांची नावे
गर्जेप्रमाणे व जल्दीप्रमाणे स्वतः कागदावर
सिद्धन ती या कामकाजास जोडावीत.पान नंबर
Page No.

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1. सभेचा प्रकार
Kind of Meeting BOS
2. सभेचा क्रमांक
Sr. No. of Meeting 2
3. सभेची तारीख
Date of Meeting 28/4/18
4. सभेचे स्थळ
Place of Meeting Board Room
5. सभेची वेळ
Time of Meeting 11:00 to 1:00 PM
6. सभेत कोणी सन्माननीय गृहस्थ अगर अधिकारी हजर असल्यास त्यांची नावे (हस्ताक्षर)
Name & Designation of Officials & Respectable persons present
① Mr. T. M. Naidu
② Dr. P. K. Dash
③ Dr. N. Kishor Math
7. सभेचे अध्यक्ष
Chairman Of the Meeting HOD

c. सभेस हजर असलेल्या सभासदांची नावे व सही Name & Signature of the members who were present at the meeting.

नं.	नाव	सही	नं.	नाव	सही
1	Dr. P. K. Dash	[Signature]	19		
2	Dr. N. Kishor Math.	[Signature]	19		
3	Mr. T. M. Naidu	[Signature]	19		
4	Dr. L. Y. Waghmode.	[Signature]	19		
5	Mr. P. B. Patil	[Signature]	19		
6	Mr. G. K. Shastri	[Signature]	19		
7	Mr. R. B. J. R.	[Signature]	19		
8	Mr. M. Donvelcham	[Signature]	19		
9	Mr. K. M. Kisan Babu	[Signature]	19		
10			20		

क्रमांक Serial No.	सभेचे विचारारविता आलेले विषय आणि ठराव Resolution & Subject placed before the Meeting for Discussion	सभेचे विचारारविता आलेले विषय आणि ठराव Resolution & Subject placed before the Meeting for Discussion	टिपे आणि ठरावेस उत्तरेची अंमलबजावणी Remarks & of action taken on the resolution & Date
①	Dr. L. Y. Waghmode, welcomed the members for the 2 nd Board of Studies meeting with the Agenda of Finalizing the detailed Curriculum for the S.Y. B.Tech Aeronautical Engineering.	② Dr. L. Y. Waghmode welcomed the external members of the BOS committee to second the names of the question paper setter's and examiner's.	③ The Final Detail Syllabus of the S.Y. B.Tech is to be sent for the Approval of the AAC
②	Member Secretary, Mr. K. M. Kisan Babu, presented the Actions Taken on the Suggestions given by the PAAC members and got the approval of the same.	④ BOS Member's finalized the list of Question Papers Setter's and Examiner's for the Second & Third Year (Third & Fourth Semester) Examination's	
③	A Detailed discussion on the Unit wise syllabus the Third and Fourth Semester courses with the evaluation Pattern was discussed.		
④	BOS Member's recommended the minor suggestion's that are to be made before the the Approval of AAC		



सभेचे नाव

Name of Institution

Annasaheb Dange collage of

Engg. & Technology, Ashra.

PROCEEDING

सभेच्या कामकाजाच्या

BOOK

वृत्तांतचे पुस्तक

पृष्ठां -

सभेस हजर असलेल्या सभासदांची नावे
सहजेप्रमाणे व जल्मीप्रमाणे स्वतः कागदावर
लिहून ती या कामकाजास जोडलीत.पान नंबर
Page No.

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१. सभेचा प्रकार
Kind of Meeting BOS

२. सभेची तारीख
Date of Meeting 19/4/19

३. सभेचे स्थान
Place of Meeting Dept. Meeting Room

४. सभेची क्रमांक
Sr. No. of Meeting 3

५. सभेची वेळ
Time of Meeting 11.00 to 1.00 pm

६. सभेस कोणी सन्माननीय गृहस्थ अगर अधिकारी हजर असल्यास त्यांची नावे (ह्यासार) (ह्यासार)
Name & Designation of Officials & Respectable persons present

① Prof. T. M. Naidu
② Dr. Kishor Nath
③ V P S Naidu
④ C. Veerasesha Kumar

७. सभेचे अध्यक्ष
Chairman Of the Meeting HDD

८. सभेस हजर असलेल्या सभासदांची नावे व सही Name & Signature of the members who were present at the meeting

नं.	नाव	सही	नं.	नाव	सही
१	V.P.S NAIDU	<i>V.P.S Naidu</i>	११	Yogesh Balasa Kumbhar	<i>Yogesh</i>
२	C. Veera Seshu Kumar	<i>C. Veera Seshu Kumar</i>	१२	Nikhil Franklin P	<i>Nikhil</i>
३	DR. D. Kishore Nath	<i>DR. D. Kishore Nath</i>	१३		
४	T.M. Naidu	<i>T.M. Naidu</i>	१४		
५	A. Barath	<i>A. Barath</i>	१५		
६	DR. V. Kulkarni	<i>DR. V. Kulkarni</i>	१६		
७	S. R. Suryawanshi	<i>S. R. Suryawanshi</i>	१७		
८	Ms. Pooja B Patil	<i>Ms. Pooja B Patil</i>	१८		
९	DR. N.V. Rajhansky	<i>DR. N.V. Rajhansky</i>	१९		
१०	Mr. A K Nattala	<i>Mr. A K Nattala</i>	२०		

विषय नंबर Subject No.	सभेचे विचारकरिता आलेले विषय आणि ठराव Resolution & Subject placed before the Meeting for Discussion	सभेचे विचारकरिता आलेले विषय आणि ठराव Resolution & Subject placed before the Meeting for Discussion	संदर्भ आणि संपूर्ण ठरावची संक्षेपानेची टिपणवणी Remarks & of action taken on this resolution & Date
1.	Dr. A. Barath, welcomed the members for the 3 rd board of studies meeting with the agenda of finalising the detailed syllabus of T.Y. (Aeronautical) of 192 credits.	4. As per the AICTE guidelines, the new programme structure consisting of 170 credits was presented before the BOS members. BOS members suggested to include self learning courses in the T.Y. & B.E. of programme.	
2.	Detailed discussions on individual course contents of T.Y. curriculum of aeronautical engineering. The following changes were recommended by the BOS members. • OAEP303 Electronics & microprocessor mod changed to OAEP303 linear control theory. • OAEP304 Flight mechanics changed to aircraft performance • OAEP353 Flight mechanics & rocket propulsion lab. changed to aircraft performance lab. • OAEP309 Control theory changed to Aircraft Stability & Control • OAEP358 Control theory lab. changed to unmanned aerial vehicle lab.		
3.	As per recommendation of faculty, discussion to modify the syllabus of OAEP302. Applied thermodynamics was happened. BOS ratified the decision to rearrange the syllabus.		



Sant Dynaneshwar Shikshan Sanstha's
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DEPARTMENT OF AERONAUTICAL ENGINEERING

**Minutes of the Fourth Board of Studies Meeting held on 01st December
2019 at 11:00 AM in the Department Meeting Room, ADCET, Ashta.**

Members Present:

1	Dr. S. A. I. Bellary	-	Chairman
2	Dr. Rajkumar S. Pant	-	Member - Vice Chancellor Nominee
3	Dr. Premkumar	-	Member - Academic Expert
4	Dr. Kamlesh V. Kulkarni	-	Member
5	Dr. N. V. Raghavendra	-	Member
6	Mr. K. M. Kiran Babu	-	Member Secretary
7	Mr. Sanoj P Suresh	-	Member
8	Mr. Reju R	-	Member
9	Ms. Pooja B. Patil	-	Member
10	Mr. Sushant D. Sale	-	Member
11	Mr. Kalpit P. Kaurase	-	Member
12	Mr. Yogesh B. Kumbhar	-	Member

Dr. S. A. I. Bellary, Chairman (BOS), & Head of Aeronautical Engineering Department chaired the meeting and welcomed all the members to the Fourth Board of Studies Meeting of the Department of Aeronautical Engineering. He introduced all the members of the panel to each other. Prof. Rajkumar S. Pant, Vice-Chancellor Nominee for the BoS joined the meeting through the video conference.

He informed all the members about the conferment of the Accreditation by the NBA, New Delhi for the period of three years for the years 2019 - 20, 2020 - 21, and 2021 - 22. The Minutes of the 3rd Board of Studies Meetings and the actions taken thereon were reported to the members of the BoS.

ITEM No: 04-BOS-1.3	
To discuss and finalize the detailed syllabus of Final Year B.Tech Aeronautical Engineering for the Academic Year 2020 - 2021.	
<ul style="list-style-type: none">The detailed syllabus of the Final Year B.Tech Aeronautical Engineering for the Academic Year 2020 - 2021 of the 192 credits program curriculum structure was presented before the members of the BoS.	





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- After the due deliberations and discussions the following comments were made by the external BoS Members, while preparing the list of elective courses, there is a need to verify whether the elective course is available on the MOOCs platforms so that students can refer to the MOOCs for elective courses.
- The Space Dynamics course in the eight semester was suggested to be shifted to the seventh semester in the place of Program Elective II and swap the same to eighth semester as the Space Dynamics course is an important course in GATE preparation, it would be apt if we cover it in the Seventh Semester.
- The BoS Members also suggested to offer Program Elective II and Program Elective III for the students who are academically performing so that they can be relatively free in their eight semester and can go for Industry based projects/Internships for a longer duration.
- The BoS resolved that the suggestions made by the BoS will be included and will be sent for the approval in the AAC.

**For Approval of
Academic
Council**

ITEM No: 04-BOS-1.4

To discuss and finalize the First Revision of Program Structure of Second Year, Third Year and Final Year of B.Tech Aeronautical Engineering comprising of 170 Credits

- The detailed program curriculum structure of the 170 credits structure and the detailed syllabus of the S.Y B.Tech for the academic year 2020 - 2021 was presented to the members of the BoS.
- After the deliberations and discussions among the members of the BOS, the following comments and suggestions were made.
- The Theory and Laboratory courses were initially separated with two course codes and the BoS members suggested they should be clubbed, so that faculty and students can strongly correlate the theory course and the laboratory part of the same. This also helps in the effective implementation of the Outcome Based Assessment.

**For Approval of
Academic
Council**

**For Approval of
Academic
Council**

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<ul style="list-style-type: none">• One Hour of Tutorial hours is suggested for the Mechanics of Material course keeping its mathematical nature in mind.• The BOS Panel Resolved to recommend to the Academic Advisory Council (AAC) the proposed Evaluation scheme of the Second Year to Final Year B.Tech Aeronautical Engineering for the approval of AAC, which was discussed in detail.	
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ITEM No: 04-BOS-1.5	For Approval of Academic Council
To discuss and modify the syllabus of 0AEPC209 - Aerodynamics - I, 0AEPC307 - Computational Fluid Dynamics for the Even Semester of Academic Year 2019 - 2020 -(Annexure - III)	
<ul style="list-style-type: none">• The syllabus of 0AEPC209 - Aerodynamics I and 0AEPC307 - Computational Fluid Dynamics were considered for the modifications based on the recommendations made by the respective course coordinators, as the modifications were minor the BoS Members dint not raise any objection and the same will be sent for the approval of AAC.	

ITEM No: 04-BOS-1.6	For Approval of Academic Council
To discuss and analyze the Autonomous Results of the Academic Year 2018 - 2019	
<ul style="list-style-type: none">• The Departmental Exam Coordinator made a presentation of the results of the Academic Year 2018 - 2019 before the members of the BoS. The results were satisfactory, the BoS members suggested to focus the examinations more on the Higher Cognitive Levels.	

ITEM No: 04-BOS-1.7	For Approval of Academic Council
To discuss and analyze the Placement and Higher Education statistics of Academic Year 2018 - 2019	
<ul style="list-style-type: none">• The Training and the Placement Coordinator presented the report of Placement and Higher Education statistics of Academic Year 2018 - 2019, highlighting the Oncampus and Offcampus placement drives and offers received by the students.• The number of students enrolled in the higher education is less and the BoS members emphasized on encouraging the students to appear for the GATE Examination.	





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ITEM No: 04-BOS-1.8	For Approval of Academic Council
GATE Examination & Preparation	
<ul style="list-style-type: none">The panel members discussed on the emphasis of GATE Examination and suggested to develop the culture of GATE appearing among all the students of the department, and the panel appreciated the work done by all faculty members, for developing curriculum keeping in mind the GATE Syllabus	

The meeting ended with the Vote of Thanks by Dr. S. A. I. Bellary, Chairman (BOS).

Summary of the 04th Board of Studies Meeting

The First Revision of the Curriculum was to be carried out with the Inputs of AICTE Model Curriculum, the Existing Curriculum, The Inputs from the Industry and Alumni. The following are the significant changes in the curriculum.

1. Open Electives have increased compared to the previous curriculum, to promote the interdisciplinary knowledge among the students.
2. Self Learning Courses of 1 Credit is included in the curriculum to promote Life-Long Learning Skill among the students.
3. The Program structure is designed such that all the courses that are related to the GATE examination are covered by the sixth semester so that students will be fully prepared for the GATE Examination by the beginning of the Seventh Semester.
4. The Elective Courses are framed with a policy of having each course of specialization domains in the program Aerodynamics, Propulsion, Structures, Aviation and Maintenance and the also the elective courses which are available on the MOOCs platforms so that students can refer to the MOOCs for elective courses.

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Minutes of the Fifth Board of Studies Meeting

Date: 06th February 2020

Time 11:30 AM - 12:30 PM

Venue:

Department Meeting Room, ADCET, Ashta + Online Mode for the External Members through G-Meet, Google Meet Link: <https://meet.google.com/bxi-qzjv-oje>

Members Present:

Sl.No	Name of the Member & Designation	
1	Dr. L. Mallick, HoD/Aeronautical Engineering, ADCET, Ashta	Chairman
2	Dr. Rajkumar S Pant, Professor, Department of Aerospace Engineering, IIT Bombay, Mumbai	Vice Chancellor Nominee
3	Dr. Kishore Nath, Scientist G, Program Director VEDA, DRDL, Hyderabad	Industry Representative
4	Dr. Premkumar, Associate Professor, Department of Aeronautical Engineering, Kumaraguru College of Technology, Coimbatore	Academic Expert
5	Dr. N. V. Raghavendra, Associate Professor, Aeronautical Engineering, ADCET, Ashta	Member
6	Prof. T. M. Naidu, Visiting Faculty, Aeronautical Engineering, ADCET, Ashta	Member
7	Mr. K. M. Kiran Babu, Assistant Professor, Aeronautical Engineering, ADCET, Ashta	Member Secretary
8	Mr. Nikhil Franklin, Assistant Professor, Aeronautical Engineering, ADCET, Ashta	Member
9	Mr. Yogesh B Kumbhar, Assistant Professor, Aeronautical Engineering, ADCET, Ashta	Member
10	Mr. Reju R, Assistant Professor, Aeronautical Engineering, ADCET, Ashta	Member
11	Mr. Sanoj P Suresh, Assistant Professor, Aeronautical Engineering, ADCET, Ashta	Member
12	Ms. Pooja B Patil, Assistant Professor, Aeronautical Engineering, ADCET, Ashta	Member
13	Mr. Sushant Sale, Assistant Professor, Aeronautical Engineering, ADCET, Ashta	Member
14	Mr. Noble Sharma, Assistant Professor, Aeronautical Engineering, ADCET, Ashta	Member



(Signature)
HOD

(Dr. N. V. RAGHAVENDRA)



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15	Mrs. Soumya Kumari, Assistant Professor, Aeronautical Engineering, ADCET, Ashta	Member
16	Mr. Anumodh Menon, Assistant Professor, Aeronautical Engineering, ADCET, Ashta	Member
17	Ms. Priyanka Hankare, Ph.D Research Scholar, IIT Bombay, Mumbai	Alumni Representative
18	Mr. Vikas D. Patil, QuEST Global, Belgaum	Alumni Representative

Dr. L. Mallick, Chairman (BOS), & Head of Aeronautical Engineering Department chaired the meeting and welcomed all the members to the Fifth Board of Studies(BoS) Meeting of the Department of Aeronautical Engineering, with the brief outline of agenda of the Fifth BoS Meeting.

ITEM No: 05-BOS-1.2	For Information of Academic Council
Confirmation of Minutes of Meeting of 4th Meeting of BoS and To Note Action Taken	
The Minutes of Meeting of the 04th Meeting of Board of Studies held on 01st December 2019, was confirmed by all the Members of the Board of Studies, The Following is the brief summary of the discussions in the Fourth Board of Studies.	
The First Revision of the Curriculum was to be carried out with the Inputs of AICTE Model Curriculum, the Existing Curriculum, The Inputs from the Industry and Alumni. The following are the significant changes in the curriculum.	
<ol style="list-style-type: none">1. Open Electives have increased compared to the previous curriculum, to promote interdisciplinary knowledge among the students.2. Self Learning Courses of 1 Credit is included in the curriculum to promote Life-Long Learning Skill among the students.3. The Program structure is designed such that all the courses that are related to the GATE examination are covered by the sixth semester so that students will be fully prepared for the GATE Examination by the beginning of the Seventh Semester.4. The Elective Courses are framed with a policy of having each course of specialization domains in the program Aerodynamics, Propulsion, Structures, Aviation and Maintenance and the also the elective courses which are available on the MOOCs platforms so that students can refer to the MOOCs for elective courses.	
❖ The BoS resolved that the suggestions made by the BoS will be included and will be sent for the approval in the AAC.	





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ITEM No: 05-BOS-1.3	For Approval of
To discuss and finalize the detailed syllabus of Third Year B.Tech Aeronautical Engineering for the Academic Year 2021 - 2022 (170 Credits)	Academic Council
<ul style="list-style-type: none">❖ The detailed course wise curriculum of the 1st Revision of Third Year B.Tech Aeronautical Engineering was presented before the Board of Studies.❖ The BoS Members Approved the contents of the following courses after the discussion and deliberations,<ul style="list-style-type: none">➤ 1AEPC301- Aircraft Structures➤ 1AEPC302 - Flight Dynamics➤ 1AEPC303 - High Speed Aerodynamics➤ 1AEPC304 - Aerospace Propulsion➤ 1AEPC305 - Vibrations and Structural Dynamics➤ 1AEPC306 - Computational Fluid Dynamics➤ 1AEPC307 - Space Dynamics➤ 1AEHS352 - Communication Skills and Competencies➤ 1AEHS353 - Constitution of India➤ 1AEPC356 - Aircraft Structures Laboratory➤ 1AEPC357 - Flight Dynamics Laboratory➤ 1AEPC358 - Vibration and Structural Dynamics Laboratory➤ 1AEPC359 - Computational Fluid Dynamics Laboratory❖ The BoS Members, Prof. Pant emphasized on the need for Aircraft Design Course, which is a core course to be included in the curriculum, and Dr. Kishorenath and Prof. T. M. Naidu emphasized on the need for Composite Materials and Structures, which needs to be included in the curriculum.❖ Self Learning Course Assessment Policy: Self Learning Courses of 1 Credit is included in the curriculum to promote <u>Life-Long Learning Skill</u> among the students, the evaluation strategy is finalized.❖ Department Internship Policy: The internship is mandatory as a part of the curriculum. Students will not graduate unless they complete the internship as prescribed. The detailed policy for the Internship was discussed in the BoS and was approved by the BOS Members❖ The Program structure is designed such that all the courses that are related to the GATE examination are covered by the sixth semester so that students will be fully prepared for the GATE Examination by the beginning of the Seventh Semester.❖ The List of Program Elective I and II, Open Elective I and II were discussed and after the detailed elaboration, the following list is approved. The BoS Members resolved to	





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adapt the course contents of the below electives from the 190 Credits curriculum as they were added with enough deliberations.

1AEPE305 - 310 Professional Elective - 1 (Fifth Semester)

- 1AEPE305 - Experimental Aerodynamics
- 1AEPE306 - Heat and Mass Transfer
- 1AEPE307 - Material Testing and Characterization
- 1AEPE308 - Engineering Design Optimization
- 1AEPE309 - Helicopter Theory
- 1AEPE310 - Lighter-Than-Air Systems

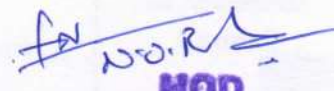
1AEPE316 - 320 Professional Elective - 2 (Sixth Semester)

- 1AEPE316 - Hypersonic Aerodynamics
- 1AEPE317 - Advanced Propulsion Systems
- 1AEPE318 - Advanced Mechanics of Solids
- 1AEPE319 - Introduction to Air Transportation and Flight Scheduling
- 1AEPE320 - Introduction to Aircraft Design

1AEOE312 - 315 Open Elective

- 1AEOE323 - Introduction to Flight
- 1AEOE324 - Introduction to Experimental Aerodynamics
- 1AEOE325 - Introduction to Gas Dynamics and Jet Propulsion
- 1AEOE326 - Introduction to Unmanned Aerial Vehicles

- ❖ Prof. Pant Suggested a mechanism to keep Professional Electives in the General List instead of grouping them into a particular semester, and keep floating the same so that students will have choices of choosing the subjects based on their interest and position.

ITEM No: 04-BOS-1.4	For Approval of Academic Council
To discuss and finalize the Modifications in the PSO's	
As per the recommendations by the NBA Expert Committee recommendations and after the deliberations held within the department faculty members, we have identified the need for modifying the existing Program Specific Outcomes (PSO's). The following statements are put forward before the Members of the Board of Studies for their approval in the 05th Meeting of Board of Studies held on 06th Feb 2021.	
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Existing PSO's :

- ❖ **PSO1** - Apply the knowledge of Aeronautical Engineering in the Design and Development, Operating, Maintaining and overhauling of the products enhancing the mobility in the society.
- ❖ **PSO2** - Develop frameworks and subsystems of the Aerospace and aviation components to progress towards becoming technocrats
- ❖ **PSO3** - Solve the difficulties faced by Aviation Industry with regards to operating and maintaining Innovative Solutions.

Proposed PSO's : (For Modification)

- ❖ **PSO1** - Apply the knowledge of aeronautical engineering in the Design and Development, Operating, Maintaining and overhauling of the products enhancing the mobility in the society.
- ❖ **PSO2** - Develop aeronautical and aviation frameworks, and subsystems to overcome the challenges faced by the aviation industry through innovative solutions leading to employability and entrepreneurial development.

The above proposed PSO's have been discussed and approved by the BOS.

ITEM No: 04-BOS-1.5	For Information of Academic Council
To discuss and analyze the Autonomous Results of the Academic Year 2019 - 2020	
<ul style="list-style-type: none">• The Departmental Exam Coordinator made a presentation of the results of the Academic Year 2019 - 2020 before the members of the BoS. The results were satisfactory, the BoS members suggested to focus the examinations more on the Higher Cognitive Levels.• As per the suggestions made by the 06th Academic Council Meeting, Courses with result less than 70% will be considered for remedial classes in the Academic Year 2020 - 2021.	

ITEM No: 04-BOS-1.6	For Information of Academic Council
To discuss and analyze the Placement and Higher Education statistics of Academic Year 2019 - 2020 , Road Map for Placement and Higher Education in AY: 2020 - 2021	

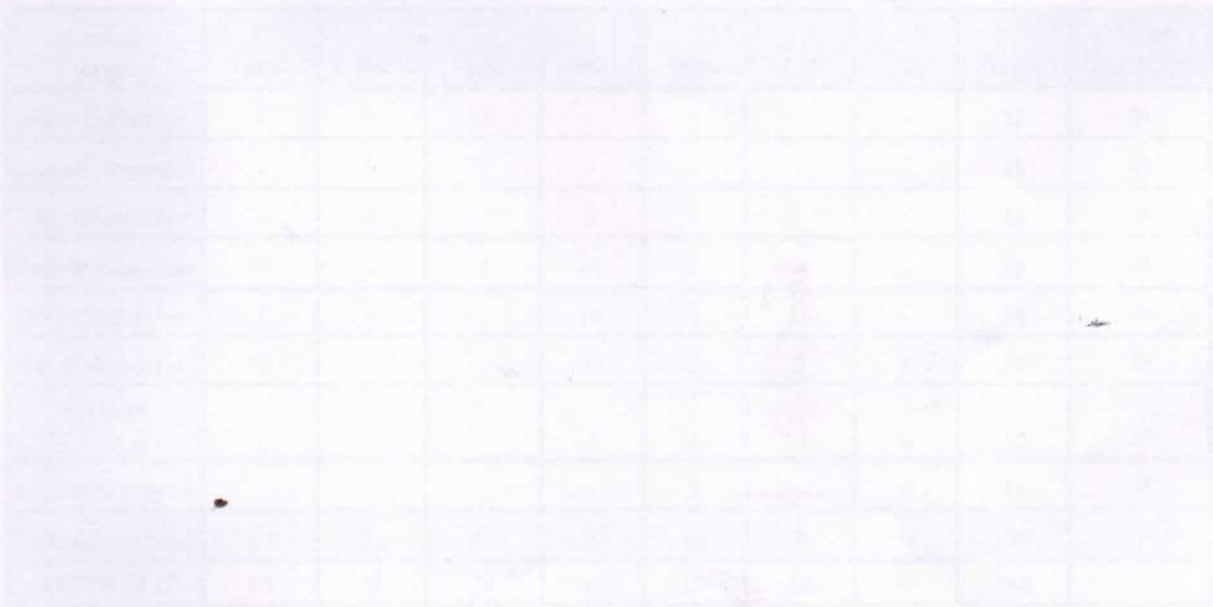




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- The Training and the Placement Coordinator presented the report of Placement and Higher Education statistics of Academic Year 2019 - 2020, highlighting the On-campus and Off-campus placement drives and offers received by the students.
- The resolution was made to introduce Value Added Courses based on the Job Verticals Identified by the Department, through the collaborative efforts from the Faculty and Industry People.

The meeting ended with the Vote of Thanks by Dr. L. Mallick, Chairman (BOS), & Head of Aeronautical Engineering Department.



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(Dr. N. V. RAGHAVENDRA)
AERONAUTICAL ENGINEERING
Annasaheb Dange College of
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MINUTES OF SIXTH BOARD OF STUDIES (BOS)

Date: 17th October 2021

Time: 12.15PM to 1.30PM

Venue:

Department Meeting Room, ADCET, Ashta + Online Mode for External Members through Zoom Meeting (Meeting ID: 721 426 2449, Password: MrRejuR)

Members of Board of Studies Present

S. No.	Name of the Member & Designation	Position
1	Dr. N. V. Raghavendra, HOD – Department of Aeronautical Engineering, ADCET, Ashta	Chairperson
2	Dr. Rajkumar S Pant, Professor, Department of Aerospace Engineering, IIT Bombay, Mumbai	Vice Chancellor Nominee
3	Dr. G. Naresh Kumar, Scientist – G, Directorate of Systems, DRDL, Hyderabad	Industry Representative
4	Mr. Reju R, Assistant Professor, Department of Aeronautical Engineering, ADCET, Ashta	Member Secretary
5	Mr. Yogesh B Kumbhar, Assistant Professor, Department of Aeronautical Engineering, ADCET, Ashta	Member
6	Mr. Sanoj P Suresh, Assistant Professor, Department of Aeronautical Engineering, ADCET, Ashta	Member
7	Mr. Noble Sharma, Assistant Professor, Department of Aeronautical Engineering, ADCET, Ashta	Member
8	Mr. Oblisamy L, Assistant Professor, Department of Aeronautical Engineering, ADCET, Ashta	Member
9	Mr. Sabarishwaran R, Assistant Professor, Department of Aeronautical Engineering, ADCET, Ashta	Member
10	Mr. Ramesh M, Assistant Professor, Department of Aeronautical Engineering, ADCET, Ashta	Member
11	Mr. Vikas D Patil, Engineering Integrated Product Development, Infosys, Mysore	Alumni Representative



N. V. R.



Dr. N. V. Raghavendra, Chairperson (BoS) & HOD, Department of Aeronautical Engineering chaired the meeting and welcomed all the members to the sixth Board of Studies (BoS) meeting of the Department of Aeronautical Engineering, with the brief outline of agenda of the sixth BoS Meeting.

Item: 6th BoS-1	Confirmation of Minutes of Meeting about 5th BoS to note Action Taken
Note:	For Information of Academic Council
<p>The Minutes of Meeting of 5th Meeting of Board of Studies held on 6th February 2020, was confirmed by all the members of the Board of Studies. The following is the summary of the discussion in the fifth Board of Studies.</p> <ol style="list-style-type: none">1. Finalized TY courses, added with the self-learning course, Internships2. 8th semester Self-learning course policy was disclosed3. Finalized the list of Open Elective courses and Professional Elective courses4. Program Specific Outcomes modified from three to two numbers5. Discussion on Autonomous curriculum results, Higher education, and placement analysis of AY 2019-2020 & 2020-2021.	

Item: 6th BoS-2	To discuss and finalize the detailed syllabus of B. Tech. Aeronautical Engineering for the Academic Year 2022-2023 (170 Credits)
Note:	For Approval of Academic Council
<p>The detailed course-wise syllabus of 1st revision of Final Year B.Tech. Aeronautical Engineering was presented by the Department Academic Coordinator - Mr. Reju. R - to the Board of Studies.</p> <p>The BoS Members approved the contents of the following courses after the discussion and deliberations,</p> <ul style="list-style-type: none">• 1AEPC401: Finite Element Methods• 1AEPE403: Turbulence Modeling• 1AEPE405: Theory of Elasticity (Spelling need to change Caps in title)• 1AEPE406: Aircraft Rules and Regulations - DGCA (CAR)• 1AEPE408: Quality Engineering and Management• 1AEPE410: Numerical Heat Transfer and Fluid Flow• 1AEPE411: Experimental Stress Analysis (Spelling need to change Caps in title)• 1AEPE413: Aircraft Engine Design	



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- 1AEPE414: Product Life Cycle Management
- 1AEOE422: Aircraft General Engineering Maintenance
- 1AEOE423: Design of Fixed wing Unmanned Aerial Vehicles
- 1AEPR451: Project Phase – I
- 1AEPC454: Finite Element Methods Laboratory
- 1AEPE452: Self-Learning Course (Supervised Learning)
- 1AEPE415: Nanomaterials and Nanotechnology
- 1AEPE416: Non-Destructive Testing
- 1AEPE420: Cryogenics
- 1AEPR453: Project Phase – II

In respect of **"1AEPC402: Aircraft Control Systems"** - Dr. Rajkumar S Pant suggested to change the name as "Introduction to Control Systems" or "Control Theory". This course deals with basics of control theory. One more subject can be added in an elective list as "Aircraft Control Systems". Also Dr. Rajkumar S Pant suggested to remove prerequisite of Flight Dynamics for this course.

In respect of **"1AEPE404: Avionics and Instrumentation"** - Dr. Rajkumar S Pant suggested to change the name as "Avionics & Aircraft Systems", Dr. G. Naresh Kumar suggested to change name as "Avionics".

In respect of **"1AEPE407: Design of Unmanned Aerial Systems"** - Dr. Rajkumar S Pant suggested to change UAV as UAS.

In respect of **"1AEPE409: Automobile and Industrial Aerodynamics"** - Dr. Rajkumar S Pant suggested to add recent textbooks and reference books instead of old books in curriculum.

In respect of **"1AEPE412: Airframe Maintenance and Repair"** - Dr. Rajkumar S Pant suggested to change Unit -6 Syllabus.

In respect of **"1AEOE421: Air Traffic Control and Airport Management"** - Dr. Rajkumar S Pant suggested to change subject as "ATC & Airport Design".

In respect of **1AEHS407: Economics for Engineers** - the title will be changed to **"Project Management and Finance"**, and information will be updated in 7th BoS.

In respect of **"1AEPE417: Probability and Statistics"** - Dr. Rajkumar S Pant suggested that the course looks too basic in members point of view; so they suggested to change the course or remove it.

In respect of **"1AEPE418: Airframe Maintenance and Repair"** - Dr. Rajkumar S Pant



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suggested that the course content on Safety Practices is not related to the course title. Course contents need to be changed.

In respect of "1AEPE419: Lean Six Sigma for Aircraft Assembly" - Dr. Rajkumar S Pant suggested that the course content on Operations Research needs to be removed and content needs to be reframed; or the course may altogether be removed.

Item: 6 th BoS-3	Other Comments on Curriculum
Note:	For Approval of Academic Council
<p>Dr. G. Naresh Kumar suggested to add "Multi-disciplinary Optimization" (MDO) in the curriculum, so that students gain knowledge of multi-disciplinary optimization and system engineering approach.</p> <p>Dr. Rajkumar S Pant suggested to remove slender body theory, Unsteady and parameter estimation in LTA, instead of that, he suggested to add materials used in LTA.</p> <p>Dr. Rajkumar S Pant suggested to change UAVs as UAS in "1AEOE314: Introduction to Unmanned Aerial Vehicles".</p> <p>Dr. Rajkumar S Pant suggested replacing MATLAB in curriculum with open-source software (Sci-lab, XCOS, python), as students don't have unlimited access to the tools after the campus timing, which limits students' learning.</p> <p>Dr. Rajkumar S Pant, Dr. G. Naresh Kumar suggested to add Introduction to Artificial Intelligence & Machine Learning (AI & ML) in professional elective or to conduct short-term development program on AI & ML for students.</p>	

Item: 6 th BoS-4	To discuss and finalize the Honors and Minor Degree program on "Drone Design" and its curriculum
Note:	For Approval of Academic Council
<p>Dr. Rajkumar S Pant, Vice Chancellor Nominee and Dr. G. Naresh Kumar, Industry Representative felt that the word "Drone" is not fully appropriate and can be replaced by UAV.</p> <p>Dr. Rajkumar S Pant, Vice Chancellor Nominee suggested to remove "CAD" from the curriculum for the Honours/Minors program and to replace it with "Aircraft Design".</p>	



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Item: 6 th BoS-5	To discuss and finalize the revised course outcomes for curriculum – 170 credit (SY, TY & B.Tech.) and 192 credit (B.Tech.)
Note:	For Information of Academic Council
<p>Dr. Rajkumar S Pant, Vice Chancellor Nominee and Dr. G. Naresh Kumar, Industry Representative did not make any comments and suggestions on the revised Course Outcomes. Dr. Rajkumar S Pant, Vice Chancellor Nominee and Dr. G. Naresh Kumar, Industry Representative informed that to go ahead with institute decisions.</p> <p>Revised COs for SY(170), TY(170) and B.Tech (192) were accepted by the BOS.</p>	

Item: 6 th BoS-6	To discuss and analyze the Autonomous Results of the Academic Year 2020-2021
Note:	For Information of Academic Council
<p>The Departmental Exam Coordinator, Mr. Sanoj P Suresh, made a presentation of the results of the Academic Year 2020-2021 before the members of BoS. The results were satisfactory.</p>	

Item: 6 th BoS-7	To discuss and analyze the placement and higher education statistics of Academic Year 2020-2021, Road map for placement and Higher Education in AY: 2021-2022
Note:	For Information of Academic Council
<p>The Training and Placement Coordinator, Mr. Oblisamy L, presented the report of placement and Higher Education statistics of Academic Year 2020-2021, highlighting the On-campus and Off-campus placement drives and offers received by the students. Key activities for the students regarding placements, Value Added courses, Mock Interviews, Programming Classes, Advanced Aptitude Classes, were highlighted before the BoS members.</p> <p>Number of students qualified for GATE exam increased from previous year.</p>	

The meeting ended with the Vote of Thanks by Dr. N. V. Raghavendra, Chairperson (BoS) & HOD, Department of Aeronautical Engineering.





Name of Institution - संस्थेचे नाव

ADCEB Ashra

PROCEEDING BOOK

सभेच्या कामकाजाच्या

प्रोसिडिंग बुक

सूचना - सभेस हजर असलेल्या सभासदांची नावे
मरजेप्रमाणे व जर्नीप्रमाणे स्वतः कामदार
लिहून ती या कामकाजास जोडविली.

पान नंबर
Page No. / 1

पुस्तकाचे

c. सभेस हजर असलेल्या सभासदांची नावे व सही Name & Signature of the members who were present at the meeting.

१. सभेचा प्रकार Kind of Meeting **BOS**
 २. सभेचा क्रमांक Sr. No. of Meeting **06**
 ३. सभेची तारीख Date of Meeting **21/04/2018**
 ४. सभेचे स्थळ Place of Meeting **(00) 2ND-2**
 ५. सभेची वेळ Time of Meeting **10:00 am to 1:30 pm**

१. सभेस कोणी सन्माननीय गृहस्थ अगर अधिकारी हजर असल्यास त्यांची नावे (हजारगण)
 Name & Designation of Officials & Respectable persons present **Mr. V.D. Chavan, CIRT PUNE**
 २. सभेचे अध्यक्ष Chairman Of The Meeting **Prof. S.A. Pahl, Bas chairman of Auto. Engg. Department**

1. D.K. Khot	6. D. I. M. Jamadar	11. R. P. Patil
2. V.D. Chavan	7. P. M. Garav	12. S. P. Phatak
3. Dr. Satyaji R. Pahl	8. P. V. Ghinde	13. A. A. Hali
4. Satish Bhoite	9. P. V. Kergar	14. B. Mohite
5. D. P. M. Nali	10. S. S. Gokande	15. P. P. Narayana
	11. R. A. Borawade	

विषय नंबर Subject No.	उत्तराव नंबर Resolution No.	सभेपुढे विचाराकरिता आलेले विषय आणि उत्तराव Resolution & Subject placed before the Meeting for Discussion	सभेपुढे विचाराकरिता आलेले विषय आणि उत्तराव Resolution & Subject placed before the Meeting for Discussion	दोरे आणि तारखेस उत्तरावची अंमलबजावणी Remarks & of action taken on the resolution & Date
1.	1.	Confirmation of the minutes of the BOS meeting held on 15/07/17 Prof. S.A. Pahl has given a brief overview of the minutes All members confirmed the minutes of the BOS meeting held	of the BOS meeting held on 15/07/2017 on 15/07/2017.	
2.	2.	Discussion on the revised S.R. to B.Tech Curriculum structure Dr. Irfan Jamadar, secretary BOS given the presentation on Final year B.Tech. All members approved the same with no	to be sent for the approval the curriculum structure of S.R. B.Tech to changes to be made in the curriculum structure	
3.	3-1	Discussion on the course contents of S.R. B.Tech curriculum Dr. S.R. Pahl suggested to include gyroscope & balancing to incorporate this suggestion.	to be implemented from Academic year 2018-19 in theory of machine course. It is decided	
3-2		Dr. S.R. Pahl suggested to include details of microstructure & & Heat treatment. This suggestion is already taken into Metallurgy laboratory.	phase diagram in the course materials considered by incorporating this content in	
3-3		Dr. S.R. Pahl suggested to give more weightage for program - Mr. D.K. Khot disagreed his point & suggested instead of give more emphasis on modeling & simulation softwares	ring & coding providing more weightage to programming, like CATIA	
3-4		Dr. S.R. Pahl suggested to rename the chassis laboratory as, Auto contents of Automobile Engg. laboratory	chassis & transmission laboratory as per the	
3-5		- It is decided to change the name of Auto. chassis laboratory Mr. V.D. Chavan suggested to include Caster, camber measurement - It is decided to include this in curriculum.	to Auto. chassis & transmission lab or Auto. Engg. lab in the laboratory session.	
3-6		Mr. D.K. Khot suggested to include all basic systems of itself.	Automotive Engineering in S.R. B.Tech curriculum	
3-7		- It is decided to include his suggestion in S.R. B.Tech. Mr. D.K. Khot suggested to include transmission error diagnosis - It is decided to take into consideration if possible this B.Tech. curriculum.	curriculum if possible. suggestion for T.Y. B.Tech or Final year	



HEAD

Dept. of Automobile Engineering
Annasaheb Dange College of
Engineering & Technology, Ashra 416 301



PROCEEDING BOOK



१. सभेचा प्रकार BOS
 Kind of Meeting
 २. सभेचा क्रमांक ०७
 Sr. No. of Meeting
 ३. सभेची तारीख २०/०५/२०१९
 Date of Meeting
 ४. सभेचे स्थळ Dept. office.
 Place of Meeting
 ५. सभेची वेळ १०:०० am to
 Time of Meeting
 ६. सभेस कोणी सन्माननीय गृहस्थ अगर अधिकारी हजर असल्यास त्यांची नावे (हुद्यासह)
 Name & Designation of Officials & Respectable persons present Mr. V. D. Chavan, CIRT, Pune, BOS member
 ७. सभेचे अध्यक्ष Chairman Of the Meeting Dr. I. M. Jamadar, Head Automobile Engg. Dept.

प्रोसिडिंग बुक

सूचना - सभेस हजर असलेल्या सभासदांची नावे
 गरजेप्रमाणे व जरूरीप्रमाणे स्वतः कागदावर
 लिहून ती या कामकाजास जोडावीत.

८. सभेस हजर असलेल्या सभासदांची नावे व सही Name & Signature of the members who were present at the meeting.

१. D. F. Khot
 २. V. D. Chavan
 ३. Dr. S. R. Patil
 ४. Dr. I. M. Jamadar
 ५. Mr. S. M. Patil
 ६. V. R. Patil
 ७. Y. B. Mohite
 ७. P. V. Kengar
 ८. P. V. Shinde
 ९. A. R. Mali
 १०. S. S. Gawade
 ११. D. P. Narayana
 १२. R. P. Barkwade
 १३. A. P. Shinde

विषय नंबर Subject No	उत्तराव नंबर Resolution No	सभेपुढे विचाराकरिता आलेले विषय आणि उत्तराव Resolution & Subject placed before the Meeting for Discussion	सभेपुढे विचाराकरिता आलेले विषय आणि उत्तराव Resolution & Subject placed before the Meeting for Discussion	शेरे आणि तारखेस उत्तरावाची अंमलबजावणी Remarks & of action taken on the resolution & Date
1.	1.1	Confirmation of the minutes of the BOS meeting held on 24/04/19 Prof. P. V. Kengar has given a brief overview of the minutes All members confirmed the minutes of the BOS meeting held		
2.	2.1	Discussion on the revised curriculum of T.Y. B. Tech Prof. P. V. Kengar, Secretary, BOS given the presentation on T.Y. B. Tech. revised curriculum. Mr. P. V. Kengar presented T.Y. B. Tech structure. All members approved the same.		
3.	3.1	Discussion on course content of T.Y. B. Tech curriculum. Dr. V. M. Phalle suggested to give more focus on specific automotive application related to dynamics of machinery. He suggested to avoid duplication of the content covered in previous years.		
	3.2	Dr. S. R. Patil suggested about gyroscopic topic that the automotive applications like two wheeler, four wheeler gyroscopic actions considered.		
	3.3	Dr. V. M. Phalle suggested to check bloom taxonomy of course objective & outcomes as per the student context. Also the focus of curriculum to electric case.		
	3.4	The suggestion by the Dr. S. R. Patil that for the courses like heat transfer unit 6 may be deal with case study of respective course. Also he is suggested to add text book or reference book or latest editions.		



Name of Institution - संस्थेचे नाव

ADCEET, Ashta

PROCEEDING BOOK

सभेच्या कामकाजाच्या

प्रोसिडिंग बुक

सूचना - सभेस हजर असलेल्या सभासदांची नावे
परजेप्रमाणे व जरूरीप्रमाणे स्वतः कागदावर
लिहून ती या कामकाजास जोडावीत.

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वृत्तांताचे पुरतक

१. सभेचा प्रकार
Kind of Meeting **BOS**
२. सभेचा क्रमांक
Sr. No. of Meeting **०८**
३. सभेची तारीख
Date of Meeting **30/12/19**
४. सभेची वेळ
Time of Meeting **10:00 am**
५. सभेचे स्थळ
Place of Meeting **Dept. office**
६. सभेस कोणी सन्माननीय गृहस्थ अगर अधिकारी हजर असल्यास त्यांची नावे (ह्यासह)
Name & Designation of Officials & Respectable persons present
Dr. S. M. Sansgiri, Prof. head, AIT, Pune
Dr. S. R. Patil, ASSO. PROF. FITS, Mumbai
Mr. V. D. Chavan, C.E.T., Pune
Mr. Bansikar Desai, Force Motors
७. सभेचे अध्यक्ष
Chairman Of the Meeting **Dr. I. M. Tamadar, Head Automobile Engg Dept. Pune**

८. सभेस हजर असलेल्या सभासदांची नावे व राहणी
Name & Signature of the members who were present at the meeting.

१. Dr. S. M. Sansgiri - *SMS* Mr. S. S. Gaware - *S. S. Gaware* Mr. V. B. Mohite - *V. B. Mohite*
२. Dr. S. R. Patil - *S. R. Patil* Mr. R. A. Barwade - *R. A. Barwade* Mr. S. G. Jadhav - *S. G. Jadhav*
३. Mr. V. D. Chavan - *V. D. Chavan* Mr. P. V. Kengar - *P. V. Kengar* Mr. V. R. Patil - *V. R. Patil*
४. Mr. D. K. Khat - *D. K. Khat* Mr. B. P. Naranyanka - *B. P. Naranyanka* Mr. V. P. Patil - *V. P. Patil*
५. Dr. I. M. Tamadar - *I. M. Tamadar* Mr. P. V. Shinde - *P. V. Shinde* Mr. V. R. Patil - *V. R. Patil*
६. Mr. S. M. Patil - *S. M. Patil*
७. Mr. P. S. Bansikar - *P. S. Bansikar*

विषय नंबर Subject No.	उत्तराव नंबर Resolution No.	सभेपुढे विचारकरिता आलेले विषय आणि ठराव Resolution & Subject placed before the Meeting for Discussion	सभेपुढे विचारकरिता आलेले विषय आणि ठराव Resolution & Subject placed before the Meeting for Discussion	शेरे आणि तारखेस उत्तराची अंमलबजावणी Remarks & of action taken on the resolution & Date
1.	1.1	Confirmation of review of meeting held on 20/04/19 Prof. P. V. Kengar has given brief overview of the minutes of meeting. All members confirmed the minutes of the meeting held.		
2.		Discussion of final year B.Tech curriculum. Prof. P. V. Kengar, Secretary BOS, given the presentation on Final year B.Tech curriculum. Mr. P. V. Kengar presented final year B.Tech. structure + structure, curriculum. All members approved the same.		
3.		Discussion of course content of final year B.Tech. curriculum.		
	3.1	Dr. S. R. Patil suggested to give focus on design process at application level. He suggested to give focus on the approach to be used for real life problems. student should allot time from work project so student gets benefitted.		
	3.2	Mr. V. D. Patil Chavan suggested to extend to advance level.		
	3.3	Mr. D. K. Khat suggested to add make addition in EMD course the advance engine design which will suit BOSL.		
	3.4	Dr. S. M. Sansgiri suggested to think on product design and development, Industrial Engineering so student will be benefitted to project work.		
	3.5			



Name of Institution - संस्थेचे नांव

PROCEEDING BOOK

सभेच्या कायदाकायद्या

प्रोसिडिंग बुक

सूचना - सभेस हजर असलेल्या सभासदांची नावे
 मरजेप्रमाणे व जकीप्रमाणे स्वतः काढवावे
 शिवाय ती या कायदाकायदा जोडलीत.

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१. सभेचा प्रकार
 Kind of Meeting
२. सभेचा क्रमांक
 Sr. No. of Meeting
३. सभेची तारीख
 Date of Meeting
४. सभेची वेळ
 Time of Meeting
५. सभेचे स्थळ
 Place of Meeting
६. सभेस कोणी सन्माननीय गृहस्थ अगर अधिकारी हजर असल्यास त्यांची नावे (ह्यासारह)
 Name & Designation of Officials & Respectable persons present
७. सभेचे अध्यक्ष
 Chairman Of the Meeting

८. सभेस हजर असलेल्या सभासदांची नावे व सही Name & Signature of the members who were present at the meeting

विषय नंबर Subject No.	तराव नंबर Resolution No.	सभेपुढे विचाराकरिता आलेले विषय आणि तराव Resolution & Subject placed before the Meeting for Discussion	सभेपुढे विचाराकरिता आलेले विषय आणि तराव Resolution & Subject placed before the Meeting for Discussion	सभे अर्जि लागवुस तरावची अंमलबजावणी Remarks & of action taken on the resolution & Date
	3.13	Dr S.M. Sangini suggested to make addition of vibration isolation, mounting vibration in the course of NVH. He suggested the NVH is broad area of research.		
	3.14	For the course of industrial robotics and automation the industrial visit must be added.		
	2.14	Mr. V.K. Jadhav suggested to substitute the course of special purpose vehicle. He suggested to visit of off Highway vehicles. He suggested to incorporate S.P.F.1,2,3 handbook in curriculum.		
	2.13	Dr S.M. Sangini suggested to revisit the curriculum of Analysis and simulation laboratory. He suggested to incorporate AI + ML. He suggested to revisit the project marks.		
4		Discussion on second year curriculum:		
	4.1	Prof. P.V. Kengay presented second year curriculum and structure. the following points were discussed:		
	4.2	Dr. S.R. Patil, Dr. S.S. Sangini suggested to add the course of metallurgy in a 3-Steel sem. He suggested to add value added course on C, C++ laboratory. They suggested to think on addition of new course -		



HEAD
 Dept. of Automobile Engineering
 Anna University
 Engineering & Technology Anna 416 011



१. सभेचा प्रकार BOS
Kind of Meeting
२. सभेचा क्रमांक
Sr. No. of Meeting ०१
३. सभेची तारीख
Date of Meeting ०५/०२/२०२१
४. सभेचे स्थळ
Place of Meeting Dept Office

५. सभेस कोणी सन्माननीय गृहस्थ अगर अधिकारी हजर असल्यास त्यांची नावे (ह्यासह)
Name & Designation of Officials & Respectable persons present
Dr. S. M. Sangrivi, Prof. Head AIT, Pune
Dr. S. R. Patil, Asso. Prof, RIT, Shaktinagar
Dr. V. D. Chavan, CIET Pune, Mr. A. K. Ichha, Vana
Force, Motala, Pune

६. सभेचे अध्यक्ष Chairman Of the Meeting Prof. S. M. Patil, Head Automobile Engineering Dept.

७. सभेस हजर असलेल्या सभासदांची नावे व सही Name & Signature of the members who were present at the meeting.

Prof. S. M. Patil
Prof. S. S. Gawate
Prof. R. A. Basawade
Prof. V. R. Patil
Prof. P. V. Kengaz
Prof. B. P. Narsayankar
Prof. S. S. Jadhav
Prof. V. P. Patil
Prof. Y. B. Khat
Prof. Y. B. Manik

विषय नंबर Subject No.	ठराव नंबर Resolution No.	सभेपुढे विचाराकरिता आलेले विषय आणि ठराव Resolution & Subject placed before the Meeting for Discussion	सभेपुढे विचाराकरिता आलेले विषय आणि ठराव Resolution & Subject placed before the Meeting for Discussion	शेरे आणि तारखेस ठरावाची उपसंज्ञावणी Remarks & of action taken on the resolution & Date
1.	1.1	Confirmation of review of meeting held on 30/12/19 Prof. P. V. Kengaz, has given brief overview of the minutes of meeting. All members confirmed the minutes of the meeting held. Head, Mr. S. M. Patil briefed about last semester online teaching & placements.		
2.		Discussion on revised T.Y.B. tech curriculum structure and finalization of the same Prof. P. V. Kengaz Secretary BOS given the presentation on T.Y.B. tech revised curriculum. All members approved the same.		
3.		Discussion on course structure and course content of T.Y.B. Tech. curriculum		
	3.1.	The group discussed on need of choice based system. Need to think on multiplying things. separate course should be floated for two and three wheeler technology. professional courses must be floated for student and separate courses could be floated.		
	3.2.	Dr. S. M. Sangrivi suggested to rethink of the course very good option like Hypomesh is available. It is providing good results and mostly preferred in industrial zone. The course floated on simulation and analysis may be modified as changes suggested.	Placed on AMSYS as there are freely to all stakeholders also in industrial zone. The as software laboratory - I	
	3.3.	Dr. S. M. Sangrivi asked to think about multiplying things of mechanical course like I.C. engines, systems of electric vehicles, visits to various also students should work on projects we need to credit practical value of	so, motor systems, drive electric vehicle industries, for electric vehicle, also.	



Name of Institution - संस्थेचे नाव

PROCEEDING BOOK

१. सभेचा प्रकार
Kind of Meeting
२. सभेचा क्रमांक
Sr. No. of Meeting
३. सभेची तारीख
Date of Meeting
४. सभेची वेळ
Time of Meeting
५. सभेस कोणी सन्माननीय गृहस्थ अगर अधिकारी हजर असल्यास त्यांची नावे (ह्यासारह)
Name & Designation of Officials & Respectable persons present
७. सभेचे अध्यक्ष
Chairman Of the Meeting

सभेच्या कामकाजाच्या

प्रोसिडिंग बुक

सूचना - सभेस हजर असलेल्या सभासदांची नावे
गर्जेप्रमाणे व जरूरीप्रमाणे स्वतः कागदावर
लिहून ती या कामकाजास जोडावीत.

पान नंबर
Page No.

८. सभेस हजर असलेल्या सभासदांची नावे व राहणी Name & Signature of the members who were present at the meeting

विषय नंबर Subject No.	उत्तराव नंबर Resolution No.	सभेपुढे विचाराकरिता आलेले विषय आणि ठराव Resolution & Subject placed before the Meeting for Discussion	सभेपुढे विचाराकरिता आलेले विषय आणि ठराव Resolution & Subject placed before the Meeting for Discussion	शेरे आणि तारखेस ठरावाची अंमलबजावणी Remarks & of action taken on the resolution & Date
	3.4	Dr. S.M. Sangavi suggested to make addition in add some experiments related to solving problem element methods as students should know the problems of CFD with FEM.	CFD course. He suggested to of CFD by using finite one method to solve the	
	3.5	Dr. S.M. Sangavi suggested to send students for internship for minimum four weeks. It will be good if students go for few weeks. He asked to encourage students also students will get other benefits from placements and projects.	if they go for internship- go for few weeks- the internships like	
4.	3.7	Discussion on final year structure Prof. P.V. Korgar, secretary BOS given presentation All members approved the same	on final year B.Tech. structure.	
	4.1	Dr. Sangavi suggested to shift the FEM to get benefit to face the industrial interest in final year projects-	third year, as students will also students may implement	



HEAD
Dept. of Automobile Engineering
Amravati College of Engineering
Engineering & Technology, Amravati, MS.




PROCEEDING BOOK

१. सभेचा प्रकार Kind of Meeting B.O.S
 २. सभेचा क्रमांक Sr. No. of Meeting 10
 ३. सभेची तारीख Date of Meeting 10/11/2021
 ४. सभेची वेळ Time of Meeting 10.00 AM
 ५. सभेचे स्थळ Place of Meeting Dept. office
 ६. सभेस कोणी सन्माननीय गृहस्थ अगर अधिकारी हजर असल्यास त्यांची नावे (हुयासह)
 Name & Designation of Officials & Respectable persons present
 ७. सभेचे अध्यक्ष Chairman Of the Meeting Prof. Suchand M. Patil, HOD, Auto.

c. सभेस हजर असलेल्या सभासदांची नावे व सही Name & Signature of the members who were present at the meeting.

V.P. Patil
P.A. Patil
B.P. Narayan
P.V. Kengar
S.S. Gauride

विषय नंबर Subject No.	ठराव नंबर Resolution No.	सभेपुढे विचाराकरिता आलेले विषय आणि ठराव Resolution & Subject placed before the Meeting for Discussion	सभेपुढे विचाराकरिता आलेले विषय आणि ठराव Resolution & Subject placed before the Meeting for Discussion	शेरे आणि तारखेस ठरावाची अंमलबजावणी Remarks & of action taken on the resolution & Date
1.	1.1	Confirmation of review of meeting held on 05/02/21 Prof. P.V. Kengar, has given brief overview of the confirmed minutes of meeting held. Head of the T.Y. B.Tech curriculum and final year curriculum and structure and syllabus between all the BOS members. All members briefed about new revised AICTE curriculum and Academic council meeting suggestion given.	minutes of meeting. All members department briefed about the structure. the brief discussion on boys. All members briefed about meeting suggestion given.	
2.		Discussion on revision one final year B.Tech. Prof. P.V. Kengar, secretary BOS given the presentation on revision one final year B.Tech structure and curriculum. All the members approved the same.	curriculum structure & finalisation same	
3.		Discussion on course structure for revision one for final year B.Tech and course content	for final year B.Tech and	
3.1.		As per the guidelines required from the Academic of India "and" project finance and management. The discussion on the above comment received BOS members agreed to add above course in B.Tech. structure.	council, the course on "constitution should be added in the structure was carried out and all the the revision one final year	
3.2.		As per the guidelines the course on "constitution on of T.Y. B.Tech curriculum. the discussion of India" regarding course content and BOS members given inputs for the same.	on India" added in revision held on the course "constitution outcomes of the course all	
3.2.		The course on vehicle aerodynamics has been core course also, the content of the course the course, so it is decided to float the vehicle aerodynamics. the discussion carried out among all the BOS members new course titled " motor vehicle acts and rules	float as open elective as well as was covered in some of new course instead of on new course has been and it is decided to float All BOS member confirmed the same	



संस्थेचे नाव
Name of Institution

PROCEEDING BOOK

सभेच्या कागदपत्रे

सूचना - सभेस हजेर असलेल्या सभ्यतांनी यास
प्रत्येकाचे व उपस्थितता यास बसवणे
निवृत्ती व सहाय्यकारक असणे

पृष्ठ नंबर
Page No. 02

१. सभेचा प्रकार
Kind of Meeting

२. सभेचा क्रमांक
Sr. No. of Meeting

३. सभेचे अधिकारी व सभ्यतांनी हजेर असलेल्या सभ्यतांची यादी (सूचीत करावी)
Name & Designation of Officers & Respectable persons present

४. सभेचे अध्यक्ष
Chairman Of the Meeting

५. सभेची तारीख
Date of Meeting

६. सभेची जागा
Place of Meeting

७. सभेस हजेर असलेल्या सभ्यतांची यादी व सही
Name & Signature of the members who were present at the meeting

क्र.	नाव	सही	क्र.	नाव	सही
१			११		
२			१२		
३			१३		
४			१४		
५			१५		
६			१६		
७			१७		
८			१८		
९			१९		
१०			२०		

विषय क्रमांक Subject No.	सभेचा क्रमांक Resolution No.	सभेस हजेर असलेल्या सभ्यतांनी हजेर असलेल्या सभ्यतांची यादी व सही Resolution & Subject placed before the Meeting for Discussion	सभेस हजेर असलेल्या सभ्यतांनी हजेर असलेल्या सभ्यतांची यादी व सही Resolution & Subject placed before the Meeting for Discussion	सभेचे अधिकारी व सभ्यतांनी हजेर असलेल्या सभ्यतांची यादी व सही Remarks & of action taken on the resolution & Date
		<p>credits (300 - Humanities and Social Sciences (HS) 06 credits, Basic Sciences (BS) 20 credits, Engineering Sciences (ES) 49 credits, Professional Subjects - Core (PC) 89 credits, Professional Subjects - Electives (PE) 3 credits, Open subjects Electives (OE) 3 credits, Project work, Seminar 16 credits.</p> <p>Structure of 3rd to Final Year B.Tech. was approved. Online courses (Such as NPTEL courses) shall be notified to the students. A prerequisite flow chart shall be prepared for all the courses.</p> <p>Agenda Item No. 4: To discuss and finalize Electives, Open Elective audit courses and Mandatory courses.</p> <p>Resolution 03: The list of open elective courses shall be open ended. A course (Subject) required industry shall be taken in the list of open elective courses. Project based learning shall be included in the curriculum of the individual courses.</p> <p>Agenda Item No. 4: To discuss and finalize the curriculum structure, evaluation scheme and curriculum of B.Tech.</p> <p>Resolution 04</p> <p>a. The curriculum structure, evaluation scheme and curriculum of B.Tech. courses were discussed and approved. All courses were suggested to include Reference books of international authors/publications.</p>	<p>b. Audit courses or Mandatory Courses like Energy Audit & management, advanced power electronics were suggested by the members of BOS</p> <p>c. The course contents for smart grid were suggested to minimize</p> <p>d. Industrial training of at least 6 weeks shall be made mandatory.</p> <p>e. Laboratory exercises should be based on both hardware and software</p> <p>f. Analysis should be emphasized for laboratory course.</p> <p>Agenda Item No. 5: To discuss and finalize names of Electives, Audit Courses & Mandatory Courses.</p> <p>Resolution 5: The list of open Elective courses shall be open ended. A course (Subject) required industry shall be taken in the list of Open Elective courses.</p> <p>Project Based Learning shall be included in the curriculum of the individual courses.</p> <p>While concluding the meeting, Mr. Rajendra B. Madhok mentioned that meeting was fruitful. All members were involved in the discussion. He also mentioned that-</p>	



नाम
Name of Institution

PROCEEDINGS
संस्था का पत्रिका



सूचना - सर्वोच्च शिक्षण आयोग (एनटीसी) द्वारा
प्रमाणित व प्रमाणित करने वाले कक्षाओं
दिए गए हैं।

1. बैठक का प्रकार
Kind of Meeting

2. बैठक का क्रमांक
Sr. No. of Meeting

3. बैठक की तिथि
Date of Meeting

4. बैठक का स्थान
Place of Meeting

5. बैठक में उपस्थित अधिकारियों व सम्माननीय व्यक्तियों का नाम (सूची)
Name & Designation of Officials & Respectable persons present

6. अध्यक्ष का नाम
Chairman Of the Meeting

c. बैठक में उपस्थित सम्माननीय व्यक्तियों के नाम

क्र.	नाम	पद	क्र.	नाम	पद
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विषय संख्या Subject No.	संस्था संख्या Resolution No.	संस्था में प्रस्तुत होने वाले विषय Resolution & Subject placed before the Meeting for Discussion	संस्था में प्रस्तुत होने वाले विषय Resolution & Subject placed before the Meeting for Discussion	संस्था में प्रस्तुत होने वाले विषय Remarks & if action taken on the motion & Date
		<p>Dr. Staff members of the department. The status for NBA visit on 3rd March 2018 and successful re-accreditation for the UG electrical Engineering program by NBA in Tier II for the period academic year 2017-18 to 2019-20 was communicated to the members of board of studies. All the members of board of studies were informed to the smooth and successful conduction first batch of B.Y. B.Tech & M.Tech autonomy curriculum.</p> <p>Agenda Item NO-2. Review of 1st BOS Meeting</p> <p>The 1st BOS Meeting was held on 15th July 2017. External members, Dr. P.V. Jasti, Dr. D. B. Kulkarni, Dr. B. R. Jasti, Fr. Vijay Limaye & Fr. Prabhu Yadav were present for the 1st BOS meeting. The meeting was started with conferment of status for Academic Autonomy awarded by Govt of University & UGC, New Delhi to members of BOS. The discussions have been carried out to finalize the syllabus of Basic Electrical Engineering course for B.Y. B.Tech & All courses of M.Tech. in Electrical Power Systems. The curriculum structure of B.Y. B.Tech, B.Tech & M.Tech. was presented and approved also to bridge the gap between academics and industry the addition of proper Electives, open Electives, audit</p>	<p>Courses and mandatory courses has been discussed.</p> <p>Agenda Item NO-3: To discuss and finalize the B.Y. B.Tech Curriculum.</p> <p>Resolution 01:</p> <p>1) The curriculum structure, evaluation scheme of B.Y. B.Tech courses were discussed and approved.</p> <p>2) The changes or modifications of some of the courses such as Fundamentals of Power Systems, Instrumentation Techniques & Fundamentals of Communication and Software Packages were suggested by BOS Members.</p> <p>3) Free Course Electrical Circuits and Networks, suggested to remove the title of Unit 6: Transform Analysis. Also suggestions were given regarding Lab course to add the experiment, based on wave form generation and observation.</p> <p>4) In course: Electrical Engineering Materials, guidance provided to add the sub unit regarding Introduction to Nano-materials and application of it to Electrical Engineering.</p> <p>5) In Analog Electronics lab course the suggestion was given</p>	



Name of Institution

PROCEEDING BOOK

सभेच्या कार्यवाहीची पुस्तक

पुस्तक - सभेस हजर असलेल्या सभासदांची नावे
संस्थेमध्ये व उपस्थित असलेल्या सभेच्या
सभेची ही सभेच्या कार्यवाहीची पुस्तक

पान नंबर
Page No 06

1. सभेचा प्रकार _____ 2. सभेची तारीख _____ 3. सभेचा स्थान _____
Kind of Meeting Date of Meeting Place of Meeting

4. सभेचा क्रमांक _____ 5. सभेची वेळ _____
Sr. No. of Meeting Time of Meeting


6. सभेस उपस्थित असलेल्या सभेच्या अधिकारी व सभेच्या सभेची नावे (संख्या)
Name & Designation of Officers & Respectable persons present

7. सभेचा अध्यक्ष _____
Chairman of the Meeting

8. सभेस हजर असलेल्या सभासदांची नावे व सभेची नावे Name & Signature of the members who were present at the meeting

क्र.	नाम	सही	क्र.	नाम	सही
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सभेचा क्रमांक Subject No.	सभेचा क्रमांक Resolution No.	सभेच्या कार्यवाहीची नावे व सभेची नावे Resolution & Subject placed before the Meeting for Discussion	सभेच्या कार्यवाहीची नावे व सभेची नावे Resolution & Subject placed before the Meeting for Discussion	सभेची सभेची सभेची सभेची Remarks & Actions taken on the resolution & case
		<p>1) To change the title of expt No. 13</p> <p>a) In the syllabus of Electrical Measurements I to suggest to remove the mentioned word 'numerical aspect' at the end of each unit.</p> <p>2) The suggestions were given to modify the titles the list of Experiments of Electrical Measurement Lab for Expt. No. 5, 6, 7 with the name of bridge.</p> <p>b) In course D.C. Machines and Transformers, suggestions were given for unit 2, 4 & 6 to modify the article title.</p> <p>c) Also in D.C. Machines and Transformers Lab course the modification was suggested for expt No. 15.</p> <p>10) In Instrumentation Techniques and fundamentals of Communication for the theory the directions were given to change the sequence of units.</p> <p>11) Instrumentation and fundamentals of communication lab the guidance was provided to add expt. related to measurements using CT/PT and modify the expt No. 14.</p> <p>12) In course Software Packages the suggestions were given to focus more only on 2-3 software packages and modify</p>	<p>the list of experiments accordingly.</p> <p>Agenda Item No. 4: To discuss and finalize the Mode of Assessment.</p> <p>* Resolution 02:</p> <p>The mode of assessment for all d-y (B.Tech) courses were discussed and approved.</p> <p>* Agenda Item No. 5: Discussion on Bridge Course required.</p> <p>* Resolution 03:</p> <p>The discussion was conducted to inform the diff. bridge courses that are required to opt by the university admitted and failed students to enter in the Autonomous curriculum.</p> <p>* Agenda Item No. 6: Discussion on Open Electives & Electives.</p> <p>* Resolution 4:</p> <p>The modifications were suggested to modify the title of the Elective course - Power Quality & Harmonics.</p> <p>* Agenda Item No. 7: Any other discussion with the permission of BOS Meeting Chairman.</p>	

	नाईचे नाव Name of Institute: ADGET Ashra	PROCEEDING प्रसिद्धी प्रस्ताव	BOOK पुस्तिका प्रस्ताव
नाईचे विभाग Department of Electrical Engineering		पृष्ठा - नाईचे प्रारंभिक प्रस्तावित नाईचे प्रस्तावित व अंतिम नाईचे प्रस्तावित Page No: 15	
1. नाईचे प्रकार Kind of Meeting: BOS	2. नाईचे तारीख Date of Meeting: 07/12/2019	3. नाईचे स्थान Place of Meeting: Classroom-05	
4. नाईचे क्रमांक Sr. No. of Meeting: 04	5. नाईचे वेळ Time of Meeting: 11:00 am.	6. नाईचे उपस्थित सदस्य Name & Designation of Officers & Respectable persons present	
7. नाईचे अध्यक्ष Chairman Of the Meeting: Dr. G.R. Kulkarni (HOD-Electrical)			
		नाईचे अध्यक्ष Head Electrical Engineering Department ADGET, Ashra	

नाईचे विभाग Division No.	नाईचे विभाग Section No.	नाईचे प्रस्तावित नाईचे विभाग Resolution & Subject placed before the Meeting for Discussion	नाईचे प्रस्तावित नाईचे विभाग Remarks & of action taken at the resolution & Date																								
<h2 style="color: purple;"># "Minutes of Meeting" #</h2> <h2 style="color: blue;"># "4th Board of Studies Meeting" #</h2> <h2 style="color: red;"># (Saturday, 7th Dec. 2019) #</h2>		<p>The meeting started at 11:30 am in Digital Classroom-III. Chairman - Dr. G.R. Kulkarni, welcomed all the members present. Prof. V.B. Patil, Secretary of Bos read the Agenda Items of 4th Bos Meeting. He also introduced all the members of Bos with Outcome based Teaching Learning Implemented by the Department & the necessity of the change in Curricula from 192 Credits to 170 Credits & Gaps in the Curriculum & Mode of assessment to enhance the skill development of the students.</p> <p># Following Agenda Items discussed and Resolutions made during the meeting.</p> <p># Agenda Item No.: of "To Confirm the minutes of 3rd Bos Meeting held on 19/04/2019"</p> <p>→ The minutes of 4th Bos Meeting were</p>																									
<p>4th Bos Meeting at Department of Electrical Engineering of ADGET, Ashra was planned on Saturday, 7th Dec. 2019.</p> <p>Following members were present,</p> <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>Sr. No.</th> <th>Name</th> <th>Designation</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Dr. G.R. Kulkarni</td> <td>Chairman</td> </tr> <tr> <td>2.</td> <td>Dr. D.S. More</td> <td>VC. Advisor</td> </tr> <tr> <td>3.</td> <td>Dr. D.B. Kulkarni</td> <td>Academic Expert-1</td> </tr> <tr> <td>4.</td> <td>Dr. A.N. Sawade</td> <td>Academic Expert-2</td> </tr> <tr> <td>5.</td> <td>Mr. J.M. Korse</td> <td>Industry Representative</td> </tr> <tr> <td>6.</td> <td>Mr. S.S. Kashid</td> <td>Alumni Representative</td> </tr> <tr> <td>7.</td> <td>All faculty at EE.</td> <td>Members.</td> </tr> </tbody> </table>		Sr. No.	Name	Designation	1.	Dr. G.R. Kulkarni	Chairman	2.	Dr. D.S. More	VC. Advisor	3.	Dr. D.B. Kulkarni	Academic Expert-1	4.	Dr. A.N. Sawade	Academic Expert-2	5.	Mr. J.M. Korse	Industry Representative	6.	Mr. S.S. Kashid	Alumni Representative	7.	All faculty at EE.	Members.		
Sr. No.	Name	Designation																									
1.	Dr. G.R. Kulkarni	Chairman																									
2.	Dr. D.S. More	VC. Advisor																									
3.	Dr. D.B. Kulkarni	Academic Expert-1																									
4.	Dr. A.N. Sawade	Academic Expert-2																									
5.	Mr. J.M. Korse	Industry Representative																									
6.	Mr. S.S. Kashid	Alumni Representative																									
7.	All faculty at EE.	Members.																									



नाम व संस्था
Name of Institution

PROCEEDING

संस्था का पत्रिका/पत्रिका

1. बैठक का प्रकार
Kind of Meeting

2. बैठक की तिथि
Date of Meeting

3. बैठक का स्थान
Place of Meeting

4. बैठक का क्रमांक
Sr. No. of Meeting

5. बैठक का समय
Time of Meeting

6. बैठक में उपस्थित अधिकारियों एवं सम्माननीय व्यक्तियों के नाम (पूर्णांक)
Name & Designation of Officials & Respectable persons present

7. अध्यक्ष
Chairman Of the Meeting

Head
Electrical Engineering Department,
ADGET, Jaipur

BOOK

पुस्तिका का क्रमांक

पृष्ठ - बैठक का आदेश/संकेतिका का क्रमांक
पृष्ठों की संख्या/संख्या

पृष्ठ संख्या
Page No. 16

→ Confirmed

8. बैठक में उपस्थित सदस्यों के नाम
Name & Signature of the members who were present at the meeting

क्र.	नाम	हस्ताक्षर	क्र.	नाम	हस्ताक्षर
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विषय संख्या
Subject No.

पत्रिका संख्या
Resolution No.

बैठक के अगुआई में रखे गए विषय
Resolution & Subject placed before the Meeting for Discussion

बैठक के अगुआई में रखे गए विषय
Resolution & Subject placed before the Meeting for Discussion

बैठक के अगुआई में रखे गए विषय
Remarks & if action taken on the resolution & Date

Confirmed with the permission all members.

Agenda Item No. 02:

"To Inform the BOS members about the action taken on the suggestions made by BOS Members in 5th Meeting."

→ The documents showing the actions taken on the suggestions given by BOS Members in 5th Meeting were presented to all the members in 4th Meeting.

Agenda Item No. 03:

"To discuss and approve curriculum and structure of B.Tech (Old structure) and S.Y B.Tech. (New structure)"

Resolution No. 01:

To approve the structure & curriculum for B.Tech and S.Y. with following suggestions

1. Modify the course objectives using correct action verbs in the course Electrical Circuit Analysis. (IEEPC204)
2. Modify CO-statements in "Analog Electronics". Add IC555 in CO-6. (IEEPC205)

3. The CO-statement should be modified with correct action verbs and the contents of Measurement should be 50% and Instrumentation should be 50% in the course Electrical Measurement and Instrumentation. (IEEPC203)

4. Modify the titles of experiments in Electrical Circuit Analysis Laboratory. (IEEPC251)

5. Change the titles of experiments and merge the expt. No. 7 & 8. in [IEEPC252]

6. Add one or two experiments based on power measurement using power analyzer in (IEEPC255)

7. To float the course with 2-Credits, for 100 Marks - programming in C++ (IEEBC254)

8. CO-statements and formatting changes in [IEEPC208]



क्रमांक
Name of Institution

PROCEEDING

संस्थाने प्रस्ताव

1. कोणत्या प्रकारचा बैठक
Kind of Meeting

2. कोणत्या तारखेस
Date of Meeting

3. कोणत्या ठिकाणी बैठक
Place of Meeting

4. कोणत्या क्रमांकास बैठक
Sr. No. of Meeting

5. कोणत्या वेळी बैठक
Time of Meeting

6. कोणत्या अधिकारी व मान्यवरील व्यक्ती बैठकस उपस्थित होते (सूचीत करा)
Name & Designation of Officers & Respected persons present

7. कोणत्या व्यक्तीस बैठकस अध्यक्ष म्हणून निवडण्यात आला
Chairman Of the Meeting

Head
Electrical Engineering Department
AJCEET, Jalgaon

BOOK

संस्थाने प्रस्ताव

सूचना - कोणत्या प्रकारच्या बैठकस उपस्थित व उपस्थित नसलेल्या व्यक्तींची यादी तसेच बैठकस उपस्थित व्यक्तींनी केलेल्या प्रस्तावांची यादी

पृष्ठ क्रमांक
Page No. 17

—Cont. Handed

8. कोणत्या व्यक्तींनी बैठकस उपस्थित होते व त्यांची स्वाक्षरी
Name & Signature of the members who were present at the meeting

क्र.	नाम	स्वी	क्र.	नाम	स्वी
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क्रमांक Subject No.	क्रमांक Resolution No.	संस्थाने प्रस्तावित असलेल्या प्रस्तावांची यादी Resolution & Subject placed before the Meeting for Discussion	संस्थाने प्रस्तावित असलेल्या प्रस्तावांची यादी Resolution & Subject placed before the Meeting for Discussion	टीपणीस कोणत्या प्रस्तावांची Remarks & of action taken on the resolution & Date
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	9.	Modification in course objectives, and to add i) Introduction to new tariff system in unit 2. ii) Voltage Regulation calculation in units. in the course fundamentals of power systems. i.e. (TEEP0209)	16: Modify the statement in the course - OEEPC01	
	10.	Add content Transformer Testing using IS2026 & DC Motor Testing using IS. in the course (TEEP0210)	17. Requires formatting changes. Modify "2.2 & 6" statements & add article "Introduction to PMU in the content of the course OEEPC402	
	11.	Head the course as Digital Electronics specially (TEEP0211)	18. Modify the course objective statement in OEEPC443	
	12.	Modify the objective statements, and all experiment titles, and remove Industrial Visit, Report from experiment list for Laboratory Course of DC Machines and Transformer (TEEP0255)	19. Add "Introduction to UPS & AVR" in Unit 6 also Instantaneous Power Theory" in OEEPC402.	
	13.	Experiment 11d to be modified for equal weightage. (TEEP0256)	20. Modify the Title of the course as "Renewable Energy Systems" and add "Interfacing of Renewable energy sources to Grid" in OEEPC405 - Open Elective	
	14.	Change the course title as "Simulation for Electrical Engineering. (TEEB0257)	21. Add article "RMU and RTU" in the OEEPC406	
	15.	Motivate the students for certification course in English proficiency. (TEEHS258)	22. Add content Battery management system and Advance Batteries in the course. OEEPC402	



नाम
Name of Institution

PROCEEDING BOOK
संस्थान का नाम
पुस्तक क्रमांक

पृष्ठ - संस्था द्वारा आयोजित सम्मेलनों की सूची
संस्थान का नाम
दिनांक

पृष्ठ क्रमांक
Page No. 26

1. **सम्मेलन का प्रकार**
Kind of Meeting

2. **सम्मेलन की तिथि**
Date of Meeting

3. **सम्मेलन का स्थान**
Place of Meeting

4. **सम्मेलन का क्रमांक**
Sr. No. of Meeting

5. **सम्मेलन का समय**
Time of Meeting

6. **सम्मेलन में उपस्थित अधिकारियों व सम्माननीय व्यक्तियों के नाम (पूर्णांक)**
Name & Designation of Officials & Respectable persons present

7. **सम्मेलन का अध्यक्ष** Chairman Of the Meeting

8. **सम्मेलन में उपस्थित सदस्यों के नाम व हस्ताक्षर** Name & Signature of the members who were present at the meeting

क्र.	नाम	हस्ताक्षर	क्र.	नाम	हस्ताक्षर
1			11		
2			12		
3			13		
4			14		
5			15		
6			16		
7			17		
8			18		
9			19		
10			20		

9. **सम्मेलन का विषय**
Subject

10. **सम्मेलन का विषय**
Resolution No.

11. **सम्मेलन में उपस्थित अधिकारियों व सम्माननीय व्यक्तियों के नाम**
Resolution & Subject placed before the Meeting for Discussion

12. **सम्मेलन में उपस्थित अधिकारियों व सम्माननीय व्यक्तियों के नाम**
Resolution & Subject placed before the Meeting for Discussion

13. **सम्मेलन में उपस्थित अधिकारियों व सम्माननीय व्यक्तियों के नाम**
Remarks & if action taken on the resolution & Date

- The subtopics under the generation of impulse currents in the unit 4 need to be incorporated in the course IEEPE404 - High Voltage Engineering.
- In the course IEEPE403 - Industrial Automation & Servo, the industry personnel should be invited to deliver the guest lecture on the application area of the course.
- The Control schemes of three drives should be added in the course IEEPE411 - Industrial Drives.
- In the course IEEPE414, Electrical Installation, Testing & maintenance, the content of unit 4 has to be reduced. If required, such content can be given as a case study.

(ii) The courses to be offered for obtaining the Honor/Micro Degree under the specialization - Electric Vehicles have presented. The BOS members have given their consent to opt more course as per its availability.

The suggestions given by BOS members in respective courses were noted by the faculty members involved in the group of curriculum formation for the said course. It is resolved to incorporate the above mentioned suggestions and recommendations proposed by the BOS members.

* **Agenda Item no. 4:** To discuss and approve mode of assessment for curriculum content for final year B.Tech First semester.

* **Resolution no. 4:** Review made of assessment was done by BOS members. The suggestion in the modes assessment as per the scope and requirement of respective course was discussed. Each course chairman informed the BOS members about the assessment tools being used for continuous evaluation of students. mode of assessment for each course was got approved.



गजराज

संस्थेचे नांव

Name of Institution

Annasabeh Dange College of Engineering

and Technology, Ashta.

Department of Basic Sciences.

PROCEEDING

सभेच्या कामकाजाच्या

Tutorial Hall

१. सभेचा प्रकार

Kind of Meeting

General

(BOS meeting)

३. सभेची तारीख

Date of Meeting

05/07/2017

५. सभेचे स्थळ

Place of Meeting

२. सभेचा क्रमांक

Sr. No. of Meeting

01

४. सभेची वेळ

Time of Meeting

11:00 a.m.

६. सभेस कोणी सन्माननीय गृहस्थ अगर अधिकारी हजर असल्यास त्यांची नांवे (हुद्यासह)
Name & Designation of Officials & Respectable persons present

Prof. R.A. Kanai

७. सभेचे अध्यक्ष Chairman Of the Meeting

Prof. S.S. Mohite (HOD)

विषय नंबर Subject No.	ठराव नंबर Resolution No.	सभेपुढे विचाराकरिता आलेले विषय आणि ठराव Resolution & Subject placed before the Meeting for Discussion
1	1	Passing the exam for the students - separate passing or individual overall passing.
	2	Communication Skill paper for final year students as per discussed in BOS meeting.
	3	Syllabus prepared by departmental faculty members is approved and send for approval of Academic Council.
	4.	Subjectwise following points were discussed - APPLIED physics. (a) The methodology to conduct ISE I & ISE II was discussed and finalized as written examination and poster presentation respectively. (b) Decision was taken to increase the numerical weightage to enhance the difficulty level of question paper. (c) Guidelines to draft question papers were discussed and finalized.

c. सभेस हजर असलेल्या सभासदांची नांवे व सही Name & Signature of the members who were present at the meeting.

नं.	नांव	सही	नं.	नांव	सही
१	Prof. R.A. Kanai		११	Dr. A.M. Mulla	
२	Dr. L.Y. Waghmode		१२	Mr. A.L. Joshi	
३	Dr. N.D. Sangle		१३	Dr. S.H. Patil	
४	Prof. S.S. Mohite		१४	Mr. Z.D. Sande	
५	Dr. N.V. Nalawade		१५	Mr. P.V. Gokhale	
६	Dr. S.J. Patil		१६	Mr. S.M. Chavan	
७	Dr. K.V. Daldavi		१७	Mr. C.V. Suryavanshi	
८	Dr. S.B. Joshi		१८	Mr. R.B. Deshmukh	
९	Prof. P.P. Patil		१९	Mr. A.G. Shinde	
१०	Mr. K.A. Shinde		२०		

सभेपुढे विचाराकरिता आलेले विषय आणि ठराव
Resolution & Subject placed before the Meeting for Discussion

शेरे आणि तारखेस
ठरावाची अंमलबजावणी
Remarks & of action
taken on the resolution &
Date

Applied Mathematics-I & II.

- Specific reference books for concerned units were discussed.
- Discussion about addition of the application related examples.
- To form a unique text book for the benefit of students in their respective course. (Applied Mathematics I and II)
- To prepare a unitwise question bank for students.

Professional Communication.

- Contents in the framed syllabus need to be reduced.
- Difficulty level of the question papers should be maintained.
- Addition of a new practical entitled 'Reading a dictionary.'

Applied Chemistry.

- Instead of general terms use of specific terms.
- Finalization of total 13 experiments list, giving more importance to performing experiments.
- Finalization of methodology to conduct ISF I and ISF II as written examination and assignments respectively.





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Annasaheb Dange College of Engineering & Technology, Ashta
(Approved by AICTE, New Delhi, Govt. of Maharashtra and Affiliated to Shivaji University Kolhapur)
An Autonomous Institute
Department of Basic Sciences

Date: 30/06/2017

CIRCULAR

As per the circular dated 30/06/2017 you are appointed as a BoS member for the department of Basic Sciences. In this regard, I request you to attend the meeting on 06/07/2017 regarding finalization of credits, autonomy syllabus, audit courses and discussion on various aspects of autonomy.

I hereby request you to attend the meeting in Basic Science Department Seminar Hall at 11.00 a.m.

Sr. No.	Name of Member	Signature
1	Dr. N. D. Sangle	
2	Dr. S. H. Patil	
3	Mr. Z. D. Sande	
4	Mr. P. V. Gaikwad	
5	Mr. S. M. Chavan	
6	Mr. C. V. Suryavanshi	
7	Mr. R. B. Deshmukh	
8	Mr. A. G. Shinde	



Head

Department of Basic Sciences





Sant Dnyaneshwar Shikshan Sanstha's

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(Approved by AICTE, New Delhi, Govt. of Maharashtra and Affiliated to Shivaji University Kolhapur)
An Autonomous Institute
Department of Basic Sciences

1st Meeting, Board of Studies

On

Thursday, 06th July 2017 at 11.00 am

- Agenda Item No. 1:** Welcome BoS members.
- Agenda Item No. 2:** Conferment of Autonomy
- Agenda Item No. 3:** Discussion about the guidelines given by academic council
- Agenda Item No. 4:** To discuss and finalize syllabus for Basic Science and Humanities Courses.
- Agenda Item No. 5:** Finalize the Mode of Conduct and Question Paper format required for various exams.
- Agenda Item No. 6:** Any other item with the permission of chair.

The agenda of the meeting was as follow:

- Agenda Item No. 1:** Welcome BoS members.
- Agenda Item No. 2:** Conferment of Autonomy
- Agenda Item No. 3:** Discussion about the guidelines given by academic council
- Agenda Item No. 4:** To discuss and finalize syllabus for Basic Science and Humanities Courses.
- Agenda Item No. 5:** Finalize the Mode of Conduct and Question Paper format required for various exams.
- Agenda Item No. 6:** Any other item with the permission of chair.

Mr S S Mohite Head of Department welcomed to all BoS member. Prof. R. A. Kanai, Executive Director, ADCET felicitated to all the BoS members and announced conferment of autonomous status by UGC to ADCET. All the BoS members congratulated Executive Director for getting Autonomous status and appreciated the efforts taken by everyone.

Prof. S.S. Mohite, Head of Basic Sciences Department, presented guidelines given by academics council regarding autonomy and BoS members gave approval to the same.

Dr. N. V. Nalawade suggested that Professional Communication course should be practiced in both the semesters of F.Y. B.Tech. and there is so much of the content in Professional Communication syllabus which is hard to complete within given schedule, so it has to be minimized. After discussion Mr. S S. Mohite committed that some part of Professional Communication's syllabus will be introduced in some of the audit courses for higher classes wherever necessary as per requirement of respective departments.

Dr. S. I. Patil mentioned that there should be a separate passing in ISE & ESE instead of combined passing in both the examinations, as per the guidelines of academic council. But as institute is approaching for progressive autonomy and considering the intake quality it is preferred that combined passing in both the examinations.

Following decisions were taken with discussion, debate and suggestions of BoS members:

Course: Applied Physics (0BSBS101)

The BoS meeting was held on Thursday, 6th July 2017 at 11.00 a.m. in Department of Basic Sciences. Prof.S.I.Patil, Dept. of Physics, Savitribai Phule University, Pune, was the BoS member present for the meeting. The following points were discussed in the meeting:

1. Suggestion was given by him to introduce 'Propagation of electromagnetic waves' in Unit-I, as it will be helpful for the students to clear the concept of diffraction more effectively.
2. Decision was taken to change the name of the article, 'Ruby Laser' as 'Solid State Laser' in Unit III. In the same unit in 'Optical fibre', suggestion was given by him to start with 'Basic laws of refraction' to link with principle of optical fibre.
3. Decision was taken to add the article, 'Scanning Electron Microscope' in Unit VI 'Nano Physics'. This will be useful in sequential teaching and to fill minor gaps in curriculum.
4. Decision was taken to change the name of article 'Bragg's X-ray spectrometer' as 'X-ray Diffractometer' in Unit V 'Solid State Physics' for more justification.
5. The methodology to conduct ISE-I and ISE-II was discussed and finalised. After discussing on various assessment tools, written examination and poster presentation were finalised as methodology for ISE I and ISE II respectively. Evaluation scheme for poster presentation was also discussed. Poster presentation will develop the creativity amongst the students.
6. Decision was taken to increase the numerical weightage to enhance the difficulty level of question papers.
7. Guidelines were drafted for paper setters and nature of question paper for ISE I, MSE and ESE.

8. Decision was taken to add the experiment entitled 'Resolving power of Telescope' in Applied Physics Laboratory course. It will help students to clarify concepts like 'resolution'. It is also very useful for students to differentiate between the instruments like microscope and telescope, which are used in the day today life. The Applied Physics Lab course is revised with 14 experiments due to the addition of said experiment.

Course: Applied Mathematics – I (0BSBS102) & Applied Mathematics – II (0BSBS113)

The BoS meeting was held on Thursday, 6th July 2017 at 11.00 a.m. in Department of Basic Sciences. Dr. S. B. Joshi, , Dept. of Mathematics, Walchand College of Engineering, Sangli & Dr. K. V. Dalavi, Head, Dept. of Mathematics College of Engineering, Pune was the BoS member present for the meeting. The following points were discussed in the meeting.

After discussion about framed syllabus following decisions were taken,

- Specification of reference books unit wise:-
As there is no specific text book prescribe for our curriculum and to avoid confusion among students it was decided mention reference books unit wise.
- Addition of the application related examples:-
To create interest in students related Applied Mathematics real life examples or examples related to engineering are to be explained by faculty while teaching.
- Deletion of the word 'without proof' from framed syllabus:-
For better understanding of the concepts of theorems, proofs of respective theorems should be added in syllabus to enhance their thinking power.
- Addition of the 'Triple integral' in Applied Mathematics-II:-
It is decided to add triple integral which is helpful for finding surface and volume integral.

Also along with above decisions following suggestion was given by Experts:

- Formation of the institute level book to respective courses:-

It was suggested that to form unique institute level book of Applied Mathematics for each semester which can be referred as text book so student will easily understand the concepts effectively.

- Setting of question paper with answers:-

It was decided to solve set question by faculty itself so as to get better understanding that students are really able to cover the paper in time.

- Preparation of unit wise question bank:-

During the discussion in session it was decided to prepare of unit wise question bank.

Question bank should be refer for the practice of the students such that the student will able to solve different types of examples

Course: Professional Communication (0BSBS106)

The BoS meeting was held on Thursday, 6th July 2017 at 11.00 a.m. in Department of Basic Sciences. Dr. N. V. Nalawade, Principal, The New College, Kolhapur was the BoS member present for the meeting. The following points were discussed in the meeting:

- Contents in the framed syllabus are too much, from different domains. Need to be reduced as it is not possible to cover effectively because of time constraint.
- Decision was taken to change the name of Unit I 'Grammar and Vocabulary', as 'Remedial Grammar' as it will give more justice to the contents.
- Decision was taken to delete 'Idioms and phrases, confused words: Homophones, homonyms' and add 'Subject verb concord and Reading a dictionary' in Unit I 'Grammar and Vocabulary'. This step is necessary for students to enhance their communication.
- Decision was taken to delete 'Nature and importance of communication' from Unit II 'Communication' as content seems too much.
- Decision was taken to delete 'Extempore, Meetings and News Writing' from Unit III 'Oral & Written Communication' as the deleted content is not much necessary for first year engineering students.

Department of Basic Sciences

- Decision was taken to delete 'Order letter, complaint letter and its reply, inspection report, investigation report' from Unit IV 'Professional Correspondence', because it comes under higher professional skills and it won't get much justice in the present context.
- Decision was taken to maintain the difficulty level of question papers as students have to study better for passing and scoring too.
- Decision was taken to add practical entitled, 'Reading a Dictionary' as students should know how to read a dictionary to understand meaning and relevance of words in different contexts.

Course: Applied Chemistry (0BSBS108)

The BoS meeting was held on Thursday, 6th July 2017 at 11.00 a.m. in Department of Basic Sciences. Prof. P. P. Patil, Dept. of Chemistry, Dr. J. J. Magdum College of Engineering, Jaysingpur was the BoS member present for the meeting. The following points were discussed in the meeting:

- Discussion was held on the teaching scheme and credits of Applied Chemistry course allotted by academic council.
- Decision was taken to finalize the names of six units in theory course.
- Decision was taken to change the name of Unit I 'Water' as 'Water Technology' which will be more suitable according to contents decided.
- Instead of general terms such as classifications, advantages and applications present in referred syllabi, the decision was taken to include more specific terms like 12 principles of green chemistry, research & industrial applications under the article 'Green Chemistry' in Unit-III.
- In Unit-IV, under 'Fuel cells' head, a decision was taken to include a particular type of fuel cell as H₂-O₂ fuel cell instead of all types of fuel cells. This addition will clear theory behind fuel cell as well as it is widely used fuel cell in many applications. Also it was



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decided to add 'Rechargeable Li-ion battery' in the same unit for making syllabus more application oriented.

- Decision was taken to finalize list of total 13 experiments in 'Applied Chemistry Laboratory' course. In this more importance was given to performing experiments instead of study and demonstration type of experiments. One of the experiment 'Determination of pH of given sample' was included which will help to enhance knowledge of analytical techniques of students.
- Discussion was held on the Mode of conduct of examinations for theory as well as laboratory Courses. After discussing on various assessment tools like assignments, viva voce, quizzes, seminars etc. finally written examination and assignment as a methodology were decided for ISE I and ISE II respectively.
- Guidelines were drafted for paper setters and nature of question paper for ISE I, MSE and ESE.

This meeting carried out in friendly and joyous atmosphere. Everyone heartily contributed in the meeting and after brainstorming some fruitful decisions taken as an outcome of the meeting. With the vote of thanks by Prof. S.S. Mohite, meeting was concluded.



Mr. S. S. Mohite,
Head,

Department of Basic Sciences

HOD
Department of Basic Science
Annasaheb Dange College of
Engineering & Technology, Ashta..





संस्थेचे नांव Annasaheb Dange College of Engineering
Name of Institution and Technology, Ashra

PROCEEDING
सभेच्या कामकाजाच्या

गजराज
Department of Basic Sciences
1. सभेचा प्रकार General (BOS meeting)
2. सभेचा क्रमांक 02
3. सभेची तारीख 21/04/2018
4. सभेची वेळ 11.00 am.
5. सभेचे स्थळ Tutorial Hall
Place of Meeting

6. सभेस कोणी सन्माननीय गृहस्थ अगर अधिकारी हजर असल्यास त्यांची नांवे (हुद्यासह)
Name & Designation of Officials & Respectable persons present Prof. R.A. Kanai
7. सभेचे अध्यक्ष Chairman Of the Meeting Prof. S.S. Mohite (HOD)

विषय नंबर Subject No.	ठराव नंबर Resolution No.	सभेपुढे विचाराकरिता आलेले विषय आणि ठराव Resolution & Subject placed before the Meeting for Discussion
1-	1.	For mechanical, Automobile ; Aeronautical, Electrical & E & TC Engineering, Civil Engineering program, CSE program.
	2.	Addition of the 'Vector Integral - Line Integral Green's Theorem'
	3.	Name of unit I changed as 'Vector Calculus'
	4.	Decision was taken to keep maximum 4 text books in list of text books.
	5.	Setting of question paper with answers
	6.	Preparation of unitwise question bank.
		Program wise following points were discussed
		Applied Mathematics III (0MEBS201) Mechanical
		Applied Mathematics III (0ADB5201) Automobile
		Applied Mathematics III (0AEB5201) Aeronautical
		(A) Instead of general terms in Unit VI & Unit VII include more specific terms.
		(B) Particular terms from Unit II changed as 'Application of linear differential

c. सभेस हजर असलेल्या सभासदांची नांवे व सही Name & Signature of the members who were present at the meeting.

नं.	नांव	सही	नं.	नांव	सही
१	Prof. R. A. Kanai		११	Mr. P. V. Gaikarwal	
२	Dr. L. Y. Waghmode		१२	Mr. S. M. Chavan	
३	Dr. N. D. Sangle		१३	Mr. C. V. Suryavanshi	
४	Prof. S. S. Mohite		१४	Mr. R. B. Deshmukh	
५	Dr. D. B. Unde		१५	Mr. A. G. Shinde	
६	Dr. K. V. Dalvi		१६		
७	Dr. S. B. Joshi		१७		
८	Prof. P. P. Patil		१८		
९	Dr. S. H. Patil		१९		
१०	Mr. Z. D. Sande		२०		

सभेपुढे विचाराकरिता आलेले विषय आणि ठराव
Resolution & Subject placed before the Meeting for Discussion

शेरे आणि तारखेस
ठरावाची अंमलबजावणी
Remarks & of action
taken on the resolution &
Date

equation to oscillatory electric circuit.
① add condition for existence of Laplace transform.

* Applied Mathematics - III (OCVAS201)

Branch - Civil

Unit no III removed and added "Partial Differential Equation" in it.

* Statistics and Fuzzy Set (OCSSAS201)
Systems - III

Branch - CSE

① Keep max^m 4 text books in list of books.
② Mention reference books unitwise.



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The agenda of the meeting was as follow:

- Agenda Item No. 1:** Welcome BoS members.
- Agenda Item No. 2:** Review of autonomy work carried out in first year during academic year 2017-18.
- Agenda Item No. 3:** Discussion on AICTE and structure curriculum.
- Agenda Item No. 4:** Structure of Applied Mathematics III for all programs.
- Agenda Item No. 5:** Discussion on curriculum prepared by ADCET faculty for each program.
- Agenda Item No. 6:** Discussion on mode of assessment for ISE I and ISEII.
- Agenda Item No. 7:** Discussion on nature of question paper and format of question paper for MSE and ESE.
- Agenda Item No. 8:** Finalization of curriculum of Applied Mathematics III for S. Y. B Tech all program.
- Agenda Item No. 9:** Any other item with the permission of chair.

Mr S S Mohite Head of Department welcomed to all BoS member and felicitated to all the BoS members. Following decisions were taken with discussion, debate and suggestions of BoS members:

Course: Applied Mathematics – III

The BoS meeting was held on Saturday, 21st April 2018 at 11.00 a.m. in Department of Basic Sciences. Dr. K. V. Dalavi, Head, Dept. of Mathematics College of Engineering, Pune, Dr. S. B. Joshi, Department of Mathematics, Walchand College of Engineering, Sangli & Dr. D. B. Unde, Department of Mathematics, J. J. Magdum College of Engineerig, Jaysingpur were the



BoS members present for the meeting. After discussion about framed curriculum, branch wise following decisions were taken.

For Mechanical Engineering, Automobile Engineering, Aeronautical Engineering, Electrical Engineering, Electronics & Telecommunication Engineering and Civil Engineering program common decisions taken as,

- Addition of the 'Vector Integral – Line Integral, Green's Theorem':- It is decided to add 'Vector Integral – Line Integral, Green's Theorem' which is helpful for finding work done.
- Decision was taken to change the name of Unit I 'Vector Differential Calculus' as 'Vector Calculus' which will be more suitable according to contents decided. It is also decided to add 1 lecture for completion of the prescribed content, so total number of lectures is 7 now.
- Number of text books:-

Decision was taken to keep maximum 4 text books so that students can use it to understand the concepts. Remaining books from the list were added in the list of reference books. In addition it was decided to keep book 'Higher Engineering Mathematics' by Dr. B. S. Grewal as 1st text book in sequence as it covers maximum curriculum content.

Course: Applied Mathematics – III (0MEBS201)

Branch: Mechanical Engineering

Course: Applied Mathematics – III (0AUBS201)

Branch: Automobile Engineering

Course: Applied Mathematics – III (0AEBS201)

Branch: Aeronautical Engineering

- Instead of general terms such as 'Application of Differential Equation' in unit V, the decision was taken to include more specific terms 'Application of Laplace transform to solve Linear Differential Equation'. Also instead of 'Wave equation' in unit VI, decision was taken to include more specific terms 'One dimensional Wave equation'

Course: Applied Mathematics – III (0EEBS201)

Branch: Electrical Engineering

Course: Applied Mathematics – III (0ETBS201)

Branch: Electronics & Telecommunication Engineering

- Instead of particular terms such as 'L-C, L-C-R with $emf = p \cos nt$ ' in unit II, the decision was taken to include it as 'Application of Linear Differential Equation to oscillatory electrical circuit'.
- Decision was taken to add condition for existence of Laplace transform.

Course: Applied Mathematics – III (0CVBS201)

Branch: Civil Engineering

- Decision was taken to remove Unit III 'Finite Differences and Interpolation' and add 'Partial Differential Equation' which is helpful in civil engineering.

Course: Statistics and Fuzzy Set Systems – III (0CSBS205)

Branch: Computer Science & Engineering

- Number of text books:-

Decision was taken to keep maximum 4 text books such that students can use it to understand the concepts and added remaining books in reference list. In addition it was decided to add book 'Operation Research' by S. D. Sharma in text book list.

- Specification of reference books unit wise:-

As there is no specific text book prescribed for our curriculum, to avoid confusion among students it was decided to mention reference books unitwise.

Also alongwith above decisions following suggestion were given by Experts:

- Setting of question paper with answers:-

It was decided to solve set question by faculty itself so as to get better understanding that students are really able to cover the paper in time.

- Preparation of unitwise question bank:-

During the discussion in session it was decided to prepare of unitwise question bank. Question bank should be referring for the practice of the students such that the student will able to solve different types of examples.




HOD

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Annasaheb Dange College of
Engineering & Technology, Ashta.**



संस्थेचे नाव
Name of Institution

Annasaheb Darge College of Engineering
and Technology, Ashita

PROCEEDING

सभेच्या कामकाजाचा

गजराज

Department of Basic Sciences

Tutorial Hall

१. सभेचा प्रकार
Kind of Meeting

General
(BAS Meeting)

३. सभेची तारीख
Date of Meeting

19/04/2019

५. सभेचे स्थळ
Place of Meeting

२. सभेचा क्रमांक
Sr. No. of Meeting

03

४. सभेची वेळ
Time of Meeting

11:00 am

६. सभेचा कोणी सन्माननीय वृहत्सभेचे अग्र अधिकारी हजर असल्यास त्यांची नावे (हद्दासह)
Name & Designation of Officials & Respectable persons present

७. सभेचे अध्यक्ष
Chairman Of the Meeting

Prof. S. S. Mohite. (HOD) /

विषय नंबर Subject No.	ठराव नंबर Resolution No.	सभेपुढे विचारकरिता आलेले विषय आणि ठराव Resolution & Subject placed before the Meeting for Discussion
	1)	It was decided to specify term as "Basics of petroleum refining" and addition example for batteries as "Li-ion batteries."
	2)	For electrical engg. dept. syllabus on applied mathematics-I, applied instead of Quadratic term, add linear dependence & independence of vectors as it more related to previous matrix theory.
	3)	In civil engg. for applied physics update the reference books as per revised edition.
	4)	In food technology, for applied Physics List of Lab. experiments discussed & approved.
	5)	In food technology no. of hours alloted to each unit was discussed for chemistry.
	6)	It was recommended to have separate Lab. for conduction of organic chemistry.

BOOK

वृत्तांताचे पुस्तक

सूचना - सभेस हजर असलेल्या सभासदांची नावे
गरजेप्रमाणे व जरूरीप्रमाणे स्वतः कागदावर
लिहून ती या कामकाजास जोडावीत.

पान नंबर
Page No.

c. सभेस हजर असलेल्या सभासदांची नावे व सही Name & Signature of the members who were present at the meeting.

नं.	नांव	सही	नं.	नांव	सही
१	Prof. R. A. Kanai		११	Mr. A. L. Jashi	
२	Dr. L. Y. Waghmode		१२	Mr. Z. D. Sande	
३	Dr. N. D. Sangle		१३	Mr. P. V. Gaikwad	
४	Prof. S. S. Mohite		१४	Mr. C. V. Suryavanshi	
५	Dr. S. H. Patil		१५	Mr. R. B. Deshmukh	
६	Prof. D. B. Unde		१६		
७	Prof. P. P. Patil		१७		
८	Dr. B. B. Patil		१८		
९	Prof. Dr. N. V. Nalawade		१९		
१०	Mr. K. A. Shinde		२०		

सभेपुढे विचाराकरिता आलेले विषय आणि ठराव
Resolution & Subject placed before the Meeting for Discussion

शेरे आणि तारखेस
ठरावाची अंमलबजावणी
Remarks & of action
taken on the resolution &
Date

- 7) Nature of question paper for examination was discussed & approved.
- 8) Most of suggestions regarding addition/reduction of content from theory/lab. courses
- 9) Use of standard rubric was prepared to make assessment more effective.
- 10) Recommendation/suggestions were implemented & draft syllabus prepared. It was presented in BOS meeting. Syllabus was finalised after approval of suggestions of experts.

Department of Basic Science
Amalraj Dange College of
Engineering & Technology, Ashta



Sant Dnyaneshwar Shikshan Sanstha's
Annasaheb Dange College of Engineering & Technology, Ashta
(Approved by AICTE, New Delhi, Govt. of Maharashtra and Affiliated to Shivaji University Kolhapur)
An Autonomous Institute
Department of Basic Sciences

Agenda
3rd Meeting, Board of Studies

On

Friday, 19th April 2019 at 11.00 am

Agenda Item No. 1:	Welcome BoS members.
Agenda Item No. 2:	Review of autonomy work carried out in first year during academic year 2018-19.
Agenda Item No. 3:	Discussion on discipline based curriculum of Physics, Chemistry, Mathematics-I & II, Professional Communication for all programs.
Agenda Item No. 4:	Discussion on curriculum of all courses for proposed Food Technology Program.
Agenda Item No. 5:	Discussion on mode of assessment for ISE I and ISEII of all programs.
Agenda Item No. 6:	Discussion on nature of question paper and format of question paper for MSE and ESE.
Agenda Item No. 7:	Finalization of discipline based curriculum of Physics, Chemistry, Mathematics-I & II, Professional Communication.
Agenda Item No. 8:	Finalization of curriculum of all courses for proposed Food Technology Program.
Agenda Item No. 9:	Any other item with the permission of chair.



Sant Dnyaneshwar Shikshan Sanstha's
Annasaheb Dange College of Engineering & Technology, Ashta
(Approved by AICTE, New Delhi, Govt. of Maharashtra and Affiliated to Shivaji University Kolhapur)
An Autonomous Institute
Department of Basic Sciences

Date: 15/04/2019

CIRCULAR

All BoS members of department of Basic Sciences are hereby informed that, 3rd meeting of BoS is arranged on Friday, 19/04/2019, regarding finalization of discipline based curriculum of F. Y. B. Tech program. Also to take review of autonomy work carried out in first year for academic year 2018-19.

I hereby request you to attend the meeting in Basic Science Department Seminar Hall at 11.00 a.m.

Sr. No.	Name of Member	Sr. No.	Name of Member
1	Dr. N. D. Sangle	5	Mr. S. M. Chavan
2	Dr. S. H. Patil	6	Mr. C. V. Suryavanshi
3	Mr. Z. D. Sande	7	Mr. R. B. Deshmukh
4	Mr. P. V. Gaikwad	8	Mr. A. G. Shinde

Head

Department of Basic Sciences

Dr. N. D. Sangle-

Dr. S. H. Patil-

Mr. Z. D. Sande-

Mr. P. V. Gaikwad-

Mr. S. M. Chavan-

Mr. C. V. Suryavanshi-

Mr. R. B. Deshmukh-

Mr. A. G. Shinde-





Sant Dnyaneshwar Shikshan Sanstha's
Annasaheb Dange College of Engineering and Technology, Ashta
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Department of Basic Sciences

Date 19/04/2019

3rd Board of Studies Meeting

Branchwise Curriculum- All Programmes

The BOS meeting was held on Friday 19th April 2019 at 11:00 a.m. in the Department of Basic Sciences. Dr. Bharati Patil S.G.U, Atigre, Dr. Prashant P. Patil and Dr. D.B. Unde, J.J. Magdum College of Engineering, Jaysingpur and Dr. N. V. Nalawade New Collage, Kolhapur were the board of members present for the meeting. After discussion about framed curriculum branchwise. In this meeting the following decisions were taken by considering the needs of the industrial demands in order to make professionally competent engineers.

Curriculum of following courses were discussed in detail for all the programmes:

1. Applied Physics
2. Applied Chemistry
3. Applied Mathematics- I
4. Applied Mathematics- II
5. Professional Communication

1. Applied Physics

BoS member of Physics Dr. Bharati Patil suggested following changes:

- The decision was taken to update the reference books as per revised edition for Civil Engineering for Applied Physics course.
- The decision was taken to add 'Thermal Physics' instead of 'Nuclear Physics'.

2. Applied Chemistry

BoS member of chemistry Dr. Prashant P. Patil, suggested following changes:

- It was decided to specify the terms as "basics of petroleum refining" and addition example for batteries as "Li ion Batteries" for Mechanical Engineering for Applied Chemistry.
- In food technology number of hours allotted for each unit was redefined for Applied Chemistry course.
- The decision was taken to have a separate lab for organic Chemistry for conducting practicals.





3. Applied Mathematics-I

In meeting the detailed curriculum of Applied Mathematics-I were discussed. The following points were suggested by the BoS member of Mathematics Dr. D. B. Unde

- The decision was taken to add 'Linear Dependence and Independence of vectors' instead of 'quadratic Form' in Unit III, as it more related to previous matrix theory.
- In Unit no. II the LU Decomposition method is added.
- Different tools for appropriate evaluation in ISE were discussed.
- It was decided to update the list of text books and reference books as per revised edition.
- The list of tutorials was discussed and approved.

4. Applied Mathematics- II

In meeting the detailed curriculum of Applied Mathematics-II were discussed. The following points were suggested by the BoS member of Mathematics Dr. D. B. Unde

- The decision was taken to add 'Applications to orthogonal trajectories' in unit II, so title of the Unit II is renamed as 'ordinary Differential Equation and Its Applications (1st order and 1st degree).
- It was decided to update the list of text books and reference books as per revised edition.
- The list of tutorials was discussed and approved.

5. Professional communication

BoS member of Professional Communication Dr. N.V. Nalawade instructed the following changes:

- To meet needs of professional world, it was suggested to make syllabus of Professional communication IELTS based.
- Students should learn keeping goals in minds and the concept of Portfolio should be added.



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- As professionals should know basics of professional correspondence. Introduction to professional correspondence needs to be retained.

The following common suggestions were given by the Experts:

- Nature of question papers for examination were discussed and approved for all the courses.
- List of Lab experiments were discussed and approved for all the courses.
- Preparation of unit wise question bank:
During the discussion in the meeting it was decided to prepare unit wise question bank. It should contain maximum number of questions so that the students can get abroad perspective of the questions.
- Detailed Discussion on different modes of In-semester examination conduction and evaluation were approved.

This meeting was held in a professional and pleasant manner. Each BoS member had suggested their valuable opinions regarding the updation of discipline wise curriculum. In order to improve quality measures lot of discussion and brainstorming sessions were conducted. Professor S. S. Mohite had thanked all the committee members for their valuable guidance and suggestions and the meeting was concluded.


HOD
Annasaheb Dange College of Engineering & Technology, Ashta,
Department of Basic Sciences
HOD



गजराज

संस्थेचे नांव
Name of InstitutionAnnasaheb Dange College of Engineering
and Technology, Ashta.

PROCEEDING

सभेच्या कामकाजाच्या

Department of Basic Sciences

१. सभेचा प्रकार
Kind of MeetingGeneral (Bos
meeting)३. सभेची तारीख
Date of Meeting

13/11/2024

५. सभेचे स्थळ
Place of Meeting२. सभेचा क्रमांक
Sr. No. of Meeting

04

४. सभेची वेळ
Time of Meeting

10:00

६. सभेस कोणी सन्माननीय गृहस्थ अगर अधिकारी हजर असल्यास त्यांची नांवे (हुद्यासह)
Name & Designation of Officials & Respectable persons present७. सभेचे अध्यक्ष
Chairman Of the Meeting

Prof. S. S. Mohite (HOD) 1/2

विषय नंबर
Subject No.ठराव नंबर
Resolution No.सभेपुढे विचाराकरिता आलेले विषय आणि ठराव
Resolution & Subject placed before the Meeting for Discussion

BOS meeting : AI & Data science, IOT & Cyber security

BOS meeting for following courses are conducted

- ① Applied physics and chemistry.
- ② Applied mathematics I & II
- ③ Professional communications.

Suggestions by BOS members are as follows

• Applied Physics :

- a) suggested sequence of units - 1) Crystallography
2) Laser and Fibre optics 3) Nano physics
- b) Points to be added - Seven crystal system,
Relation betⁿ lattice constant & density of
material. applications of nano materials.

• Applied chemistry :

- a) suggested to remove practical to remove
"rate of corrosion" and to replace it by
demonstration of H₂O₂ fuel cell.

• Applied mathematics :

- a) suggested change in title of unit as
curve fitting instead of curve fitting & statistics



BOOK

वृत्तांताचे पुस्तक

सूचना - सभेस हजर असलेल्या सभासदांची नांवे गरजेप्रमाणे व जरूरीप्रमाणे स्वतः कागदावर लिहून ती या कामकाजास जोडावीत.

पान नंबर
Page No.

c. सभेस हजर असलेल्या सभासदांची नांवे व सही Name & Signature of the members who were present at the meeting.

नं.	नांव	सही	नं.	नांव	सही
१	Prof. S.S. Mohite		११	Mrs S.S. Mohite	
२	Ms. P. R. Phalake		१२	Mr. R. B. Deshmukh	
३	Mr. Y. S. Shaikh		१३	Mrs. A. N. Metkari	
४	Mr. C. V. Suryawansi		१४	Mr. A. G. Shinde	
५	Mr. M. D. Patil		१५		
६	Mrs. V. M. Vaidat		१६		
७	Mr. A. G. Shinde		१७		
८	Dr. Bharat B. Patil		१८		
९	Dr. N. V. Nalawade		१९		
१०	Mrs. S. D. Patil		२०		

सभेपुढे विचाराकरिता आलेले विषय आणि ठराव
Resolution & Subject placed before the Meeting for Discussion

शेरे आणि तारखेस
ठरावाची अंमलबजावणी
Remarks & of action
taken on the resolution &
Date

- (b) suggested title of unit 1 as "Matrices and solution of system of linear equations"
- (c) Content for unit 1 matrices & solution of system of linear equations - Rank of matrix by using Normal form & Echelon form.

• Professional Communication :

- (a) Increase no. of practical session based on avoiding common errors
- (b) Redefine course outcome no. 5 (use word Business correspondence instead of office correspondence)
- c)

MOD
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ANUCET

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Department of Basic Sciences

Date 13/11/2021

4th Board of Studies Meeting

BoS Meeting is conducted for curriculum of new programmes:

- 1) Artificial Intelligence and Data Science
- 2) Computer Science and Engineering (Internet of Things, Cyber Security including Block Chain Technology)

on 13/11/2021 at 10.00 am in the presence of

- 1) Dr. Bharati Patil
- 2) Mr. Prashant P. Patil
- 3) Dr. Dilip B. Unde
- 4) Dr. N.V. Nalawade

Curriculum of following courses were discussed in detail

1. Applied Physics
 2. Applied Chemistry
 3. Applied Mathematics- I
 4. Applied Mathematics- II
 5. Professional Communication
1. **Applied Physics**

BoS member of Physics Dr. Bharati Patil suggested following changes

- Addition of points-Seven Crystal System, Relation between lattice constant and density of material, Fractional Refractive Index Change. Applications of



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Department of Basic Sciences

nano- materials- General and specific to computer science , computer technology.

- Sequence of Unit – 1. Crystallography 2. Laser and Fibre optics. 3. Nano Physics
- Discussion on Assessment Tools- How to take spot presentation and poster presentation effectively.
- Addition of Reference Books.
 - i. Advanced Applications of 2D Nanostructures-- Subhash Singh, Kartikey Verma, Chander Prakash
 - ii. Introduction to Carbon Nanomaterials (Current and Future Developments in Nanomaterials and Carbon Nanotubes) -- Jagriti Narang (Author), C. S. Pundir (Author)

2. Applied Chemistry

BoS member of chemistry Mr. Prashant P. Patil, suggested following changes

- Change in practical syllabus : To remove an experiment related to Rate of Corrosion and replace it with a Demonstration of H_2-O_2 fuel cell, since this experiment is related to a theory part of syllabus which is fuel cells.
- Theory syllabus was set appropriately, according to him. So, there was no change suggested by him.
- He appreciated that, the number of relevant reference and text books are available as per curriculum.
- Relevant tools for appropriate evaluation in ISE were discussed.

3. Applied Mathematics-I

In meeting the detailed curriculum of Applied Mathematics-I were discussed. The following suggestions are prescribed by the BoS member

- Suggested in Unit I content Rank of Matrix, Normal form and Echelon form should be written as Rank of matrix by using the normal form and echelon form.



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Department of Basic Sciences

- Suggested reword the title of Unit no. I Matrices and solution of linear system of equation as Matrices and solution of System of Linear Equations.
- Suggested change the title of unit no. 4 Curve Fitting and statistics as Curve Fitting.
- Relevant tools for appropriate evaluation in ISE were discussed.
- The books are enough and relevant as per curriculum designed by our faculty.

4. Applied Mathematics- II

In meeting the detailed curriculum of Applied Mathematics-II were discussed. As per discussion with BoS member the curriculum designed is more relevant for both programs.

5. Professional communication

BoS member of Professional communication Dr. N.V.Nalawade suggested following changes. After detail discussion about contents of reference books was conducted. No change was suggested in list of reference books. Expert suggested to make practical sessions inclusive or flipped type classroom.

Following suggestion

- Ensure students involvement while conducting practical sessions
- Increase the no. of practical session based on avoiding common errors.
- **Redefine Course outcome** (use word business correspondence instead of office correspondence).

HOD

HOD

Department of Basic Sciences
Department of Basic Sciences
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Annasaheb Dange College of Engineering and Technology
Ashta-416301, Dist: Sangli, Maharashtra
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ADCET

Board of Studies in Food Technology

Meeting-1

Date: 30th December 2019

Time: 10.00 am

Agenda of the meeting:

1. Welcome to all BOS members by Head of Department
2. To discuss and review existing First Year B Tech Food Technology Structure and Curriculum
3. To discuss and approve Second Year to Final Year Structure of B Tech Food Technology
4. To discuss and approve Second Year Courses for B Tech in Food Technology
5. To discuss mode of assessment
6. Any other point with permission of chair

Head of Department



Director



Sant Dnyaneshwar Shikshan Sanstha's
Annasaheb Dange College of Engineering and Technology

ADCET

Ashta-416301, Dist: Sangli, Maharashtra
(An Autonomous Institute Affiliated to Shivaji University, Kolhapur)

Minutes of Meeting - 01
Board of Studies in Food Technology

Date: 30th December 2019

Time: 10.00 am

Venue: Board Room, ADCET, Ashta

The first meeting of Board of Studies (BoS) in Food Technology for undergraduate program (B Tech Food Technology) at Annasaheb Dange College of Engineering and Technology (ADCET), Ashta was held on 30th December 2019 at 10.00 am in the Board Room of ADCET.

Following BoS members were present for meeting.

Sr. No.	Name	Designation	Institute/University/Organization
1.	Dr. Suyogkumar V. Taralkar	Chairman	HoD, Food Technology, ADCET, Ashta
2.	Dr. Akshaya Kumar Sahoo	VC-Nominee	Associate Professor in Food Technology, Department of Technology, Shivaji University, Kolhapur
3.	Prof. S.S. Lele	Academic Expert-1	Professor and Director, ICT Mumbai - Marathwada Campus, Jalna, Maharashtra
4.	Mr. Sudhir Fiske	Industry Expert-1	Director-Operations, Raghuleela Innovative Technology R&D Center Pvt Ltd, Satara
5.	Dr. Bhaurao Nikhade	Industry Expert-2	Consultant-Food Processing Industries, Pune
6.	Prof. S. S. Mohite	Invitee	HoD, Basic Sciences, ADCET, Ashta

Dr. Vasant N. Pawar, MITADTU conveyed his unavailability for meeting due to some official work.

Agenda and resolutions of the meeting are as follows:

Agenda No. 1: Welcome to all BOS members by Head of Department

Dr S. V. Taralkar, Chairman BoS, extended warm welcome to all members by offering flower bouquets. He also gave brief introduction about institute and department of Food Technology to all members.

Agenda No. 2: To discuss and review existing First Year B Tech Food Technology Structure and Curriculum

Chairman presented existing structure and curriculum of First Year B Tech Food Technology. Following suggestions are given by respected members.

1. Biochemistry and Microbiology courses has to be introduced at semester 1 and semester 2 respectively as majority of the students opt engineering and





- technology program after 12th standard with PCM group. For current batch students Biochemistry and Microbiology can be offered as Audit course.
2. Basic Electrical and Electronics Engineering, Basic Mechanical Engineering has to be merged and combined Course with name General Engineering with 4 credits (3 hrs theory and 2 hrs practical per week) can be added to semester 1. Some part of Basic Civil Engineering can be added to this course if required.
 3. Organic Chemistry-I, Organic Chemistry-II, Analytical Chemistry can be with two courses like Chemistry-I and Chemistry-II. Chemistry-I will consist of Organic Chemistry and some part of Analytical Chemistry, and Chemistry-II will consist of Physical Chemistry and some part of Analytical Chemistry with 4 credits for both courses (3 hrs theory and 2 hrs practical per week).
 4. In Computer Fundamentals & Programming course, 'C' language, can be replaced with Python.

Resolution: Without disturbing number of credits for semester-1 (23 credits) and semester -2 (22 credits) the changes can be implemented from next academic year 2020-21.

Agenda No. 3: To discuss and approve Second Year to Final Year Structure of B Tech Food Technology

Chairman presented second year to final year structure of B Tech Food Technology.

Following suggestions were given by respected members.

Semester III:

1. Mechanical Operation can be replaced with Unit Operations. Major unit operations used in food industries should be covered.
2. Heat Transfer can be replaced with Food Engineering-I. This course will cover engineering aspects related to heat transfer.
3. Chemistry of Food Constituents can be shifted to semester-IV and Engineering Thermodynamics can be shifted to semester-III.
4. Total credits for semester-III will be 19.

Semester-IV:

1. Mass transfer can be replaced with Food Engineering-II. Major mass transfer operations and reaction part should be covered in this course.
2. Principles of Food Preservation can be shifted to semester -V and Nutrition can be shifted to semester-IV.
3. Members appreciated concept of mini project and industrial training at second year level.
4. Total Credits for semester IV will be 22.

Semester-V:

1. Packaging can be offer as Open Elective -I.
2. Total Credits for semester-V will be 22.





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Semester-VI:

1. Favors and Fragrance Technology can be added as Professional Elective-II.
2. Nutraceuticals can be added as Professional Elective-II.
3. Members appreciated concept of minor project and industrial training at third year level.
4. Total Credits for semester-VI will be 20.

Semester-VII:

1. Biochemical Engineering can be Professional Elective -III.
2. Wealth from Waste can be consider as Professional Elective-III.
3. Process Optimization and Automation can be consider as single course for Open Elective-III.
4. Cold Storage and Supply Chain Management can be consider as Open Elective-III.
5. Total Credits for semester-VII will be 20.

Semester-VIII:

1. Design and Development of Special Foods or Dietary Food Processing can be Professional Elective-IV.
2. Major project credits should be increased to 5 (10 hrs per week). The market survey should be one of the components in major project with 01 credit weightage out of 5.
3. Total Credits for semester-VIII will be 19.

Resolution: The structure with 167 credits (First year to Final Year) for B Tech Food Technology is approved by incorporating above given suggestions.

Agenda No. 4: To discuss and approve Second Year Courses for B Tech in Food Technology

Chairman presented the course list for second year B Tech in Food Technology.

The discussion was carried out on courses for second year. The recommended courses are as follows.

Semester III:

Course Type	Course Name	Theory (Hrs)	Tutorial	Practical (Hrs)	Marks	Credits
ES	Process Calculations	3	1	--	100	4
ES	Engineering Thermodynamics	3	--	--	100+50	3
PC	Food Microbiology	3	--	2	100+50	4
ES	Unit Operations	3	--	2	100+50	4





Sant Dnyaneshwar Shikshan Sanstha's
Annasaheb Dange College of Engineering and Technology
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PC	Food Engineering-I	3	-	2	100	4
MC	Environmental Studies	2	--	--	50	-
	Total	17	1	6	700	19

Semester-IV:

Course Type	Course Name	Theory (Hrs)	Practical (Hrs)	Marks	Credits
PC	Food Engineering-II	3	2	100+50	4
ES	Fluid Mechanics	3	2	100+50	4
PC	Food Chemistry	3	2	100+50	4
PC	Chemistry of Food Constituents	3	2	100	4
PC	Principles of Food Preservation	3	--	100	3
HS	Psychology	1	--	50	1
PR	Mini Project	--	2	50	1
PR	In-plant Training*	--	--	50	1
	Total	16	10	800	22

*Evaluation will be done at beginning of semester-V. Students are supposed to prepare report and present in front of juries/examiners.

Resolution: With suggestions given by respected members the list of courses are approved.

Agenda No. 5: To discuss mode of assessment

Chairman presented mode of assessment as per institute guidelines.

Theory:

In Semester Examination: 20%

Mid Semester Examination: 30%

End Semester Examination: 50%

Laboratory:

In Semester Examination: 50 %

End Semester Examination: 50 %

Project:

In Semester Examination: 50%

End Semester Examination: 50 %





The discussion was carried out on mode of assessment and following suggestions were given by respected members.

1. In semester Examination (ISE) can be termed as Continuous Assessment if possible at institute level.
2. Multiple activities can be conducted as part of ISE.

Resolution: The approval was given for proposed mode of assessment.

Agenda No. 6: Any other point with permission of chair

Following general suggestions were given by respected members while formulating contents of courses.

1. Include some part of Food Regulations in Hygiene and sanitation Course.
2. Include HSOP and ISO standards in Quality Assurance Course.
3. Food Allergies can be Professional Elective.
4. Drying and Freezing topics to be added in Food Engineering-I.
5. Non Thermal Preservation methods can be added in Food Preservation Course.
6. Waste treatments can be added in Food Engineering-II.
7. Psychometric Test can be conducted for students at the beginning of semester-I.

Resolution: It is resolved that the suggestions given by BoS can be implemented with approval from Academic Council.



Chairman

Board of Studies - Food Technology



BOS Meeting Report

(Date 15th July, 2017)

BOS members

- **Dr. S. S. Ahankari**
Chairman BOS meeting, HOD- MechEngg. Dept
- **Dr. Prashant Kumar**
Emeritus professor, DeptOf Mechanical Engg, COEP, Pune
- **Dr. S. P.Chavan**
Professor, DeptOf Mechanical Engg, WCE, Sangli
- **Dr. V. D. Shinde**
Professor, DeptOf Mechanical Engg, DKTE, Ichalkaranji
- **Mr. Bhalchandra Joshi**
Director, JoshiJampalaEnggPvt Ltd, Satara
- **Mr.RameshGavade**
Manager, Design Dept, KBL, Kirloskarwadi
- **Mr.GaneshNikam**
Product Manager, Forbes Marshal, Pune
- **Mr.NitinZanvar**
Managing Director, Zanvar group of Industries, Ashta
- **Dr. S.S. Mohite**
Professor, DeptOf Mechanical Engg, GCE, Karad



A) Agenda of Meeting:

1. Autonomy
2. BOS meeting
3. Department activities
4. Formation of curriculum structure
5. Discussion on first year courses syllabus, and M.Tech design syllabus
6. Discussion on Sem III to Sem VIII structure

B) Points Elucidated

Dr. S. S. Ahankari Chairman of BOS meeting presented curriculum structure of Mechanical engineering program. The points explained are:

1. Numbering of course code
2. Computer programming course in first year
3. Workshop I and II combined as workshop I
4. Environmental science for engineers(Audit course) is included in Sem III
5. In continuation of computer programming of first year, computer programming C++ is included in Sem III
6. MATLAB is included in applied numerical method lab
7. Machine drawing theory course is added in Sem III
8. General proficiency course(Audit course) is added in Sem III
9. Domain wise professional electives are floated from Sem V

Professional Elective-I			
0MEPE306- Mechanics of Solids	Advanced	0MEPE307- Advanced Foundry Technology	0MEPE308- Fluid Dynamics

10. Mechatronics is added in Sem VI , so that students can use the knowledge for project in final year
11. Domain wise professional electives II will be continued in Sem VI



**Annasaheb Dange College of Engineering and
Technology, Ashta
An Autonomous Institute**

Minutes of Meeting

BOS Meeting F.Y. B. Tech & T.Y.B. Tech

Date – 20th April, 2019, Saturday

DEPARTMENT OF MECHANICAL ENGINEERING



Sant Dnyaneshwar Shikshan Sanshta's
Annasaheb Dange College of Engineering and Technology
(An Autonomous Institute Affiliated to Shivaji University, Kolhapur)



Department of Mechanical Engineering

Board of Studies Members

1. Dr. Prashant Kumar, Professor Emeritus, COEP Pune
2. Dr. S S Mohite, Professor, GCE Karad
3. Dr. Vasudev Shinde, Professor, DKTE Ichalkaranji
4. Mr. Ramesh Gavade, Manager, KBL Pune (Industry Expert)
5. Mr. Ganesh Nikam, (Alumnus & Industry Expert, Forbes Marshall)

Agenda of Meeting

1. BOS meeting
2. Department activities
3. Formation and Finalization of revised 170 Credit Curriculum Structure
4. Discussion on third year courses (192 credits) and first year courses (170 credits) syllabus
5. Discussion on Sem-III to Sem-VIII structure of 170 Credit Structure.
6. Discussion about Professional and Open Electives to be added in revised curriculum

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**DEPARTMENT OF COMPUTER SCIENCE
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**ANNASAHEB DANGE COLLEGE OF
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An Autonomous Institute

15/07/2017

**MINUTES OF THE MEETING
FIRST BOARD OF STUDIES (PG)**

DATE: 15-07-2017, AT 2.30 PM

VENUE: CSE DEPARTMENT SEMINAR HALL

The 1st Board of Studies (BoS) of Post Graduate Programme of the Department of Computer Science and Engineering, ADCET, Ashta was held on 15-07-2017, at 2.30 pm in the CSE Department Seminar Hall.

Dr. S. K. Shinde, HOD CSE chaired the Meeting.

The following members participated in the Meeting:

Sr. No.	Name	Position
1.	Dr. S. K. Shinde Head, Department of Computer Science and Engineering, ADCET, Ashta, Sangli	Chairman
2.	Mrs. A. N. Mulla Associate Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
3.	Mr. S. G. Sutar Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
4.	Mr. S. P. Patil, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
5.	Mr. S. D. Khatawkar Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
6.	Mr. Amol S. Dange Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member

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Sr. No.	Name	Position
7.	Mr. S. S. Sayyad, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member
8.	Dr. S. J. Wagh, Head and Professor, Department of Information Technology, Government College of Engineering, Karad	Member
9.	Dr. S. D. Joshi, Dean and Professor, Bharati Vidyapeeth Deemed University, College of Engineering, Pune	Member
10.	Dr. A. V. Deshpande, Principal, Smt. Kashibai Navale College Engineering, Pune	Member
11.	Dr. Atul Rohankar, Leader, Delta Embedded Solutions Pvt. Ltd. Pune	Member
12.	Mr. Ranjit Nimbalkar, Software Developer, HSBC, Pune	Member
13.	Dr. P. J. Kulkarni, Dy. Director and Professor, Walchand College of Engineering, Sangli	Member
14.	Dr. Anappa Professor, National Institute of Technology, Suratkal. Karnataka.	Member
15.	Dr. S. H. Patil, Professor, Bharati Vidyapeeth Deemed University, College of Engineering, Pune	Member
16.	Mr. Rohit Limkar, Team Lead, Tata Consultancy Services, Pune	Member
17.	Mr. S. V. Patil, Assistant Professor, Department of Computer Science and Engineering, ADCET, Ashta	Member - Secretary

Mr. Ranjit Nimbalkar was unable to attend due to his personal engagements.



The Chairman extended a warm welcome to all the participants in the meeting and thanked them for sparing their precious time to participate in the meeting.

The Chairman felicitated Dr. P. J. Kulkarni (WCE, Sangli), Dr. A.V. Deshpande (KNCOE, Pune), Dr. Annapa (NIT Suratkal), Dr. S. D. Joshi (BVDUCOE, Pune) Dr. S. J. Wagh (GCE, Karad), Dr. S. H. Patil (BVDUCOE, Pune), Dr. Atul Rohankar (Delta Embedded Solutions Pvt. Ltd, Pune) and Mr. Rohit Limkar (TCS, Pune)

The Chairman introduced all the members of BOS.

The chairman introduced Department and presented draft Autonomous structure of M. Tech. (CSE).

The chairman allowed carrying out proceedings of **Board of Studies (BoS)**.

Agenda of the meeting and resolutions are as follows:

Agenda No.1.1: Confirmation of the minutes of last meeting –

Nil

Agenda No.1.2: Points to be discussed:-

1.2.1: Discussion and finalization of M. Tech. (CSE) structure

The chairman Dr. S. K. Shinde has presented the M. Tech. (CSE) structure to all BoS Members.

Dr. P.J. Kulkarni suggested to include Project management as Elective for M.Tech. Dr. Annapa has given his opinion to add another courses like machine learning and big data as elective. He also suggested, M. Tech.-I courses should be more on R & D related courses.

Dr. P.J. Kulkarni recommended that, For M. Tech. Students, working outside the lab is very important. So, students should go for the internship/sponsorship under autonomy. It will help to attract UG students also for PG.

Dr. Annapa said M. Tech. may be offered in different specialization.

Dr. P.J. Kulkarni said that create horizontals like networking, database, security etc for the professional electives.



Resolution:-

M. Tech. (CSE) Structure is approved.

See Appendix -I

1.2.2: Discussion and finalization of course curriculum of M. Tech. (CSE)

For the courses like Design and Analysis of Algorithms, There must be advanced content. The content should not be same for UG and PG courses. Dr. Annapa added in his talk, Courses like software engineering, the students have already done in UG, So, not required to add in PG.

Mr. Rohit Limkar, Dr. S. H. Patil suggested to include subjects like big data, mainframe systems in M. Tech. Curriculum

Dr. P.J. Kulkarni, Dr. S. D. Joshi and Dr. A. V. Deshpande suggested that focus should be more on research oriented courses. In distributed system syllabus should include in dept of OS and case study.

Resolution:-

M. Tech. (CSE) Curriculum is approved.

See Appendix -I

1.2.3: Discussion and finalization of professional Electives, Audit courses and Mandatory courses.

Dr. P.J. Kulkarni and Dr. S. J. Wagh said that if any number of student demands for to having any course for elective. That should be provided for them.

Resolution:-

Accordingly professional Electives, Audit courses and Mandatory courses are approved and enlisted in appendix-I

See Appendix -I



1.2.4: Discussion and finalization mode of assessment

For Theory Courses, there should be ISE-1, ISE-2, MSE, and ESE

For Laboratory courses, there should be ISE, ESE

At the beginning of semester, Course coordinator should announce modes of evaluation for ISE.

Mode of assessment of ISE-1 and ISE-2 for a course should be different.

Dr. P. J. Kulkarni has given his submission that, the content of Dissertation phase-I and phase-II should be elaborated.

Dr. A. V. Deshpande and Dr. S. J. Wagh suggested modes of evaluation should be mentioned. Rigid and rigorous evaluations must be done.

Dr. Annapa, Dr. S. H. Patil also suggested the Continuous evaluation scheme. Also announce the rubrics to the students before start of semester.

Resolution:-

Modes of assessments are approved which are as follows:

For Theory courses: ISE-1, ISE-2, MSE, and ESE

For Laboratory courses: ISE and ESE

For Dissertation phase-I: ISE

For Dissertation phase-II: ISE and ESE

For Dissertation phase-III: ISE

For Dissertation phase-IV: ISE and ESE

At the beginning of semester, Course coordinator should announce the rubrics to the students.

1.2.5: Discussion and finalization of examiners panel approval.

To improve the Teaching learning process, The role of Examiners is very important. It was discussed to keep Examiners of UGC Approved experience of at least 5 Years and PG approved Teacher.

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Resolution:-

Examiner should be:

1. Paper Setter/Examiner- UGC Approved experience of at least 5 Years and PG approved Teacher
2. Preference will be given for examiners from Autonomous institutes.

Agenda No.1.3: Any other Issues with the permission of chair.

1.3.1 Passing of M. Tech.(CSE) Theory courses and Lab courses

Resolution:

For Theory and Laboratory Courses passing is 40%

Also should follow the resolutions passed in Academic council.

Member Secretary

Board of Studies (BoS)



Chairman

Board of Studies (BoS)