



Annasaheb Dange College of Engineering and Technology, Ashta

Tal - Walwa, Dist-Sangli; India 416 301

(An Autonomous Institute)

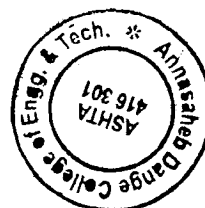
Department of Basic Sciences

2nd BoS Meeting

Department of Basic Sciences

Following members were present for the Second BoS Meeting held on Saturday, 21st April, 2018 at 11.00 am at Seminar Hall of Department of Basic Sciences, ADCET.

Sr. No.	Name of Member	Designation & Address	Position	Signature
1	Mr. S. S. Mohite	HOD Department of Basic Sciences. ADCET, Ashta	Chairman	
2	Dr. N. D. Sangle	Dean Academics, ADCET, Ashta	Member	
3	Dr. K. V. Dalavi	Professor, COEP, Pune	Member	
4	Dr. S. I. Patil	Professor, Dept of Physics, SP Pune University, Pune	Member	- Ab -
5	Dr. S. B. Joshi	Professor, WCE, Sangli	Member	
6	Dr. N. V. Nalawade	Principal, The New College Kolhapur	Member	
7	Prof. P. P. Patil	Associate Professor, J J Magdum College of Engg, Jaysingpur	Member	
8	Dr. D. B. Unde	Professor, J J Magdum College of Engg, Jaysingpur	University Representative	
9	Mr. K. A. Shinde	Creative Engg. Pvt. Ltd. Palus	Representative From Industry	- Ab -
10	Mr. A.L. Joshi	Prima-Versa Technology Pvt Ltd, Pune 411038	Alumni	
11	Dr. S. H. Patil	Assistant Professor ADCET	Member	
12	Mr. Z. D. Sande	Assistant Professor ADCET	Member	
13	Mr. P. V. Gaikwad	Assistant Professor ADCET	Member	
14	Mr. S. M. Chavan	Assistant Professor ADCET	Member	
15	Mr. C. V. Suryavanshi	Assistant Professor ADCET	Member	
16	Mr. R. B. Deshmukh	Assistant Professor ADCET	Member	
18	Mr. A. G. Shinde	Assistant Professor ADCET	Member	





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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





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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





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- Instead of particular terms such as 'L-C, L-C-R with $\text{emf} = p \cos nt$ ' 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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