



ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES

(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC with 'A' Grade)

SANGIVALASA-531 162, Bheemunipatnam Mandal, Visakhapatnam District

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'An Autonomous Institute'
Minutes of the meeting of the Joint Board of Studies of all academic departments held
on 20-06-2015 at 11:30 AM:

Members present:

Dept. of ECE:

S. No	Name	Designation	Category	Signature of the member
1	Prof. K. Murali Krishna	Head, ECE, ANITS	Chairman, BOS, ECE	
2	Dr. V. Riya Lakshmi	Assoc. Prof., ANITS	Member	
3	Mr. S. Blaramamurthy	Assoc. Prof., ANITS	Member	
4	Mrs. M. Jyamala	Asst. Prof., ANITS	Member	
5	Mrs. P.M. Veena	Asst. Prof. ECE, ANITS	Member	
6	Mr. D. Nilprasad	Asst. Prof. ECE, ANITS	Member	
7	Mrs. M. Nirmala	Asst. Prof. ECE, ANITS	Member	
8	Mr. J. Baskara Rao	Asst. Prof. ECE, ANITS	Member	
9	Mrs. D. Jagamani	Asst. Prof. ECE, ANITS	Member	
10	Mrs. Ch. Anoocha	Asst. Prof. ECE, ANITS	Member	
11	Mrs. K. Jeepa	Asst. Prof. ECE, ANITS	Member	
12	Mr. A. Lakumar	Asst. Prof. ECE, ANITS	Member	
13	Mr. A. Akshminarayana	Asst. Prof. ECE, ANITS	Member	
14	Mr. B. Chandramouli	Asst. Prof. ECE, ANITS	Member	
15	Mr. Vijya Kumar Sahu	Asst. Prof. ECE, ANITS	Member	
16	Prof. P. Ramakrishna Rao,	Advisor, ANITS	Academic council nominee	
17	Dr. P. Ajesh Kumar,	Prof. & HoD, AUCE(A), VSP	Academic council nominee	
18	Prof. A. Mallikarjuna Prasad	Dept. of ECE, JNTU, Kakinada	University Nominee	
19	Dr. K. Ranga Rao,	Scientist - F, & HoD, RCI Division (Retd.), NSTL	Industry	
20	Mr. B. Ramesh,	Asst. Prof., Raghu Engg. College, VSP	Alumni	
21	Dr. Shakar Prakriya	Professor, IIT, Delhi	Special invitee	

**Minutes of the meeting of the Board of Studies, Dept. of EEE (UG&PG) held on
20th June 2015 at 02:00 PM**



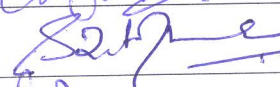




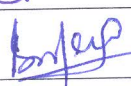
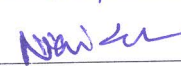
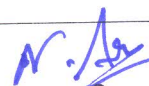

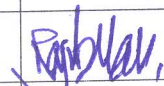
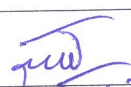
Members present:

S. No	Name	Designation	Category	Signature of the member
1	Prof. Guntu Raja Rao,	Head, EEE, ANITS	Chairman, BOS, EEE	
2	Prof. R. Govardhana Rao	Director (Admn), ANITS	Member	
3	Mr. V. Murali	Assoc. Prof., EEE, ANITS	Member	
4	Mr. S. Balamurali	Assoc. Prof., EEE, ANITS	Member	
5	Mr. Kottala Kiran Kumar	Asst. Prof., EEE, ANITS	Member	
6	Mrs. K.V.R.Swathi	Asst. Prof., EEE, ANITS	Member	
7	Mr. Kavala Kiran Kumar	Asst. Prof., EEE, ANITS	Member	
8	Mr. B. Rajasekhar	Asst. Prof., EEE, ANITS	Member	A
9	Mr. R. Satish	Asst. Prof., EEE, ANITS	Member	
10	Mrs. K. Lavanya	Asst. Prof., EEE, ANITS	Member	
11	Mr. Ch.V.N.Raja	Asst. Prof., EEE, ANITS	Member	
12	Mr. M. Sudheer Kumar	Asst. Prof., EEE, ANITS	Member	
13	Mr. K. Trinadh Babu	Asst. Prof., EEE, ANITS	Member	
14	Mr. T. Ramasastry	Asst. Prof., EEE, ANITS	Member	
15	Mr. L. Dinesh	Asst. Prof., EEE, ANITS	Member	
16	Mr. S. Harish	Asst. Prof., EEE, ANITS	Member	
17	Mr. A.Dhanamjay	Asst. Prof., EEE, ANITS	Member	
18	Mr. L. Vijay	Asst. Prof., EEE, ANITS	Member	
19	Prof. Deba Priya Das	Professor, IIT, Kharagapur	Academic council nominee	
20	Prof. B.M. Mohan	Professor, IIT, Kharagapur	Academic council nominee	
21	Prof. Jayanta Pal	Professor, IIT, Kharagapur	University Nominee	
22	Mr. V. Sudhakar Rao	Director & Chief Scientific Advisor, Yantha Controls (P) Ltd. Formex Med Systems, Hyderabad	Industry	
23	Mr. P. Santhosh Kumar,	Manager, L&T, Chennai	Alumni	
24	Sri. B. Srinivasa Reddy	AGM (Electrical), RINL, VSP	Special Invitee	
25	Sri. K. Anil Kumar	Asst. Manager (Electrical), RINL, VSP	Special Invitee	

26 Dr. J. Vijaya Kumar Assoc. Prof. Member

**Minutes of the meeting of the Joint Board of Studies, Dept. of CSE & IT (UG&PG)
held on 20th June 2015 at 02:00 PM**







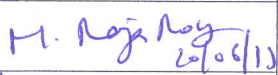
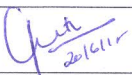
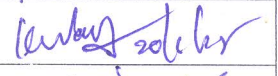
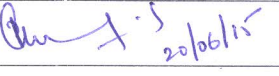
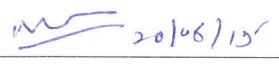
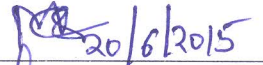


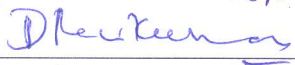
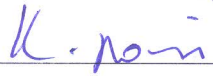
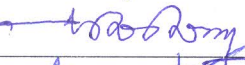


Members present:

S. No	Name	Designation	Category	Signature of the member
1	Prof. S.C.Satapathy	HoD, CSE, ANITS	Chairman, BOS, CSE & IT	
2	Prof. Ch. Suresh	Prof., IT, ANITS	Member	
3	Mr. S. Ratan Kumar	Assoc. Prof., CSE, ANITS	Member	
4	Mrs. Sunita A Yadwad	Sr. Asst. Prof., CSE, ANITS	Member	
5	Mrs. S. Jayaprada	Sr. Asst. Prof., CSE, ANITS	Member	
6	Mr. Ch. Seshadri Rao	Asst. Prof., CSE, ANITS	Member	
7	Mrs. Pritee Parwekar	Asst. Prof., CSE, ANITS	Member	
8	Mrs. B. Meena	Asst. Prof., & I/c. HoD, IT, ANITS	Member	
9	Mr. Ch. Demudu Naidu	Sr. Asst. Prof., IT, ANITS	Member	
10	Mrs. N. Sarada	Asst. Prof., IT, ANITS	Member	
11	Mr. N. Aditya Sundar	Asst. Prof., IT, ANITS	Member	
12	Dr. B. Majhi	Professor, Dept. of CSE, NIT, Rourkela	Academic council nominee	
13	Dr. Rajib Mall,	Prof. Dept. of CSE, IIT, Kharagapur	Academic council nominee	
14	Dr. P. Lalitha Bhaskari	Professor, Dept. of Computer Science & Systems Engineering, AU college of Engg. For Women, VSP	University Nominee	
15	Dr. C. Srinagesh	Manager, Campus Connect, Infosys Technologies, Hyd.	Industry	
16	Mr. T. Shyam Vamsi,	IBM, Chennai	Alumni	
17	Sri. S. Lakshminarayana	Former Regional Officer, AICTE	Special Invitee	
18	Sri. K.V.S.S.Rajeswara Rao	General Manager, IT, Vizag Steel Plant	Special Invitee	

Dept. of Mechanical Engineering:

Minutes of the meeting of the Board of Studies, Dept. of Mechanical Engineering
(UG&PG) held on 20th June 2015 at 02:00 PM


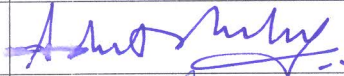

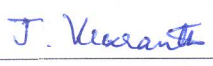


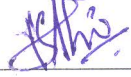
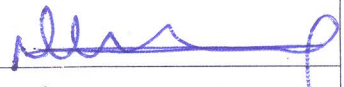

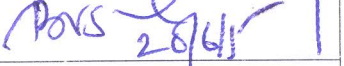

Members present:

S. No	Name	Designation	Category	Signature of the member
1	Prof. T. V. Hanumantha Rao	Head, Mechanical, ANITS	Chairman, BOS, Mechanical	
2	Dr. B. Nagaraju	Professor, Mech., ANITS	Member	
3	Dr. N.V.N. Indrakiran	Professor, Mech., ANITS	Member	
4	Dr. K. Sivaprasad	Assoc. Prof., Mech., ANITS	Member	
5	Mr. R. Chandra Mouli	Assoc. Prof., Mech., ANITS	Member	
6	Mr. G. Umamaheswara Rao	Sr. Asst. Prof., Mech., ANITS	Member	
7	Mr. M.S.S.Srinivas Rao	Sr. Asst. Prof., Mech., ANITS	Member	on leave
8	Mr. M. Raja Roy	Sr. Asst. Prof., Mech., ANITS	Member	 20/06/15
9	Mr. M. Prasanth Kumar	Asst. Prof., Mech., ANITS	Member	 20/06/15
10	Mr. K. Naresh Kumar	Asst. Prof., Mech., ANITS	Member	 20/06/15
11	Mr. S. Phani Kumar	Asst. Prof., Mech., ANITS	Member	 20/06/15
12	Mr. V. Krishna	Asst. Prof., Mech., ANITS	Member	 20/06/15
13	Mrs. M. Sailaja	Asst. Prof., Mech., ANITS	Member	 20/06/2015
14	Mrs. M.N.V.Krishna Veni	Asst. Prof., Mech., ANITS	Member	 20/06/15
15	Ms. K.V.Rukmini	Asst. Prof., Mech., ANITS	Member	 20/06/15
16	Prof. D. Ravi Kumar	Professor, Dept. of Mechanical, IIT, Delhi	Academic council nominee	
17	Prof. K. Ramji	Prof. Dept. of Mechanical, AUCE (A), VSP	Academic council nominee	
18	Prof. Ch. Ratnam	Prof., Dept. of Mechanical, AUCE (A), VSP	University Nominee	
19	Dr. A. Shyam Sundar	Dy. General Manager, R&D, Steel Plant, VSP	Industry	
20	Smt. K.R.M.Alekhyas,	Asst. Prof., Bullayya College of Engineering for women, VSP	Alumni	

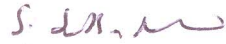


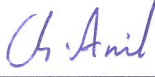

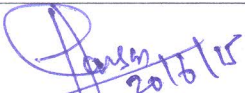
Dept. of Civil Engineering;

Minutes of the meeting of the Board of Studies, Dept. of Civil Engineering (UG)
held on 20th June 2015 at 02:00 PM

Members present:

S. No	Name	Designation	Category	Signature of the member
1	Prof. B.N.D.Narasinga Rao	Head, Civil, ANITS	Chairman, BOS, Civil	
2	Prof. A. Ramamohan Rao	Professor, Civil, ANITS	Member	
3	Prof. V. Viswanadham	Professor, Civil, ANITS	Member	
4	Mr. J. Vikranth	Assoc. Prof., Civil, ANITS	Member	
5	Mr. M.K.S.S.Krishna Chaitanya	Asst. Prof., Civil, ANITS	Member	
6	Mr. T. Kiran Kumar	Asst. Prof., Civil, ANITS	Member	
7	Mrs. V. Sreelakshmi	Asst. Prof., Civil, ANITS	Member	
8	Mr. T.V. Viswateja	Asst. Prof., Civil, ANITS	Member	
9	Dr. T.V. Praveen,	Professor, AUCE (A), VSP	Academic council nominee	
10	Dr. B.V.S. Viswanadham	Professor, IIT, Bombay	Academic council nominee	
11	Prof. G. Apparao	Professor, Dept. of Civil, IIT, Chennai	University Nominee	
12	Sri. K. Venkateswara Rao	Joint Director, MES, Indian Navy	Industry	

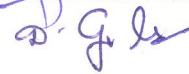
Dept. of Chemical Engineering:

S. No	Name	Designation	Category	Signature of the member
1	Prof. S. Subba Rao	Head, Chemical, ANITS	Chairman, BOS, Chemical	
2	Dr. G. Hanumantha Rao	Professor, Chemical, ANITS	Member	
3	Dr. M. Shiva Naresh	Asst. Prof., Chemical, ANITS	Member	
4	Mr. Ch. Anil	Asst. Prof., Chemical, ANITS	Member	
5	Prof. P.S.T. Sai,	Professor, Dept. of Chemical Engineering, IIT, Chennai	Academic council nominee	
6	Prof. V. Sujatha	Professor & HoD, Chemical Engg., AUCE (A), VSP	Academic council nominee	
7	Prof. S.V.Naidu	Professor, Dept. of Chemical Engineering, AUCE (A), VSP	University Nominee	
8	^{K.} Dr. G. Sudarshan	AGM, Mylan Labs, Hyderabad	Industry	 20/5/15

9 D. G. Mahesh

Asst - prof^c, chemical, ANITS

Member



Joint Board of Studies of Humanities & Sciences:

S.No	Name	Designation	Category	Signature of the member
1	Dr. M.V.Sulba Rao	Professor & Head, Maths., ANITS	Chairman, BOS, Humanities & Science	M.V.Sulba Rao
2	Dr. K. Rammohanarao	Professor, Maths., ANITS	Member	
3	Dr. A.S.N.Nurti	Professor, Maths., ANITS	Member	A.S.N.Nurti
4	Dr. P. Venkeswaralu	Professor & Head, Physics, ANITS	Member	P. Venkeswaralu
5	Dr. N. Padnaja	Assoc. Prof. & HoD, Chemistry, ANITS	Member	N. Padnaja
6	Dr. V. Rupa	Assoc. Prof. & HoD, English, ANITS	Member	V. Rupa
7	Dr. P. Viswarupachary	Sr. Asst. Prof., Physics., ANITS	Member	P. Viswarupachary
8	Mrs. G. Serwani V Swamy	Asst. Prof., English, ANITS	Member	G. Serwani V Swamy
9	Mrs. A. A. Vijaya Jyothi	Asst. Prof., English, ANITS	Member	A. A. Vijaya Jyothi
10	Dr. S. Sivakumar	Asst. Prof., Chemistry , ANITS	Member	S. Sivakumar
11	Dr. V. Jaganndaha Rao	Asst. Prof., Chemistry , ANITS	Member	V. Jaganndaha Rao
12	Mr. M.K.Chakravarthy	Asst. Prof., Chemistry , ANITS	Member	M.K.Chakravarthy
13	Dr. M. Padmalatha	Asst. Prof., Chemistry , ANITS	Member	M. Padmalatha
14	Mr. S.V.Satih	Asst. Prof., Chemistry , ANITS	Member	S.V.Satih
15	Mr. R. Somasekhar	Asst. Prof., Chemistry , ANITS	Member	R. Somasekhar
16	Mr. K. Srinivasa Rao	Asst. Prof., Physics	Member	
17	Mr. B. Brahmaji	Asst. Prof., Physics	Member	B. Brahmaji
18	Mr. Ch. Venkata Rao Chowdary	Asst. Prof., Physics	Member	Ch. Venkata Rao Chowdary
19	Mrs. T. Madhavalatha	Asst. Prof., Physics	Member	T. Madhavalatha
20	Mr. K. Daniel Raju	Asst. Prof., Maths., ANITS	Member	K. Daniel Raju
21	Mr. A. Ramesh Babu	Asst. Prof., Maths., ANITS	Member	
22	Ms. Ch. Uma Swetha	Asst. Prof., Maths., ANITS	Member	
23	Mr. M. Vinod Kumar	Asst. Prof., Maths., ANITS	Member	
24	Prof. S.V.S.Ramana Reddy,	Professor, Dept. of Physics, ANITS	Academic council nominee	S.V.S.Ramana Reddy
25	Prof. G.P.Rajasekhar	Professor Dept. of Maths., ANITS	Academic council nominee	
26	Prof. C.L.L.Jayaprada	Professor, Dept. of English, ANITS	University Nominee	C.L.L.Jayaprada
27	Dr. V.S.R.Prasad	Vice President (R&D), Mylan Labs, Hyderabad	Industry	V.S.R.Prasad
28	Prof. S.Uma Devi	Professor, Dept. of Engineering Maths, AUCE (A), VSP	Special Invitee	S.Uma Devi



Anil Neerukonda Institute of Technology & Sciences (Autonomous)

/(Affiliated to AU, Approved by AICTE & Accredited by NBA & NAAC with 'A' Grade)
SANGIVALASA-531 162, Bheemunipatnam Mandal, Visakhapatnam District
Phone: 08933-225083/84/87 Fax: 226395
Website: www.anits.edu.in email: principal@anits.edu.in

Minutes of the Joint Board of Studies meeting held on 20/06/15 at 12.00 Noon

Members Present:

Experts from Premier institutions and B.O.S members of ANITS

AGENDA

1. Finalization first year curriculum
2. Any other item with permission of the chair

Discussions and Resolutions

1. At the outset the Principal, Chairman of B.O.S, invited the expert members from various institutions like IIT's, NIT's, universities and other premier organizations and B.O.S members of ANITS. He requested the members to offer their valuable suggestions in framing of the curriculum. A brain storming session was held in which the members expressed their opinions in framing of the curriculum. The following resolutions were taken in subject-wise.

(i) English:

A common syllabus is approved by the Board and it should be in first year first semester for all the branches.

(ii) Engineering Mathematics-I & Engineering Mathematics - II

Discussions: The Principal requested the B.O.S members to give their suggestions pertaining to syllabus of Engineering Mathematics-I and II.

1. Prof. S. Umadevi, Dept of Mathematics, A.U.C.E (A) opined that some of topics like infinite series are deleted in view of lack of time as the subject fall in semester pattern.
2. The Expert members of ECE, EEE, MECH and CHEMICAL engineering opined that the syllabus is sufficient for all students.
3. The HOD of Civil Engg, ANITS opined that the UNIT-V is not necessary in Engineering Mathematics-I.

After a thorough discussion, the following resolutions were taken pertaining to Engineering Mathematics-I and Engineering Mathematics-II

Contd..2/-

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Resolution:

Engineering Mathematics-I

A common syllabus is approved and it should be in first year first semester for all the branches.

Engineering Mathematics-II

A common syllabus is approved and it should be in first year second semester for all the branches.

(iii) **Engineering Physics:**

A common syllabus is approved by the Board for all the branches, to be offered in 1st or 2nd semester of first year.

(iv) **Engineering Chemistry:**

Discussions:

1. Sri. S. Lakshminarayana, Principal Scientist, CSIR-NIO, advised to introduce as a common course for all the branches.
2. The HOD of Civil Engg, ANITS opined that some of the topics are not necessary for the Civil Engineering students.
3. Dr. P.S.T. Sai, Dept of Chemical, IIT-Madras opined that some more topics are necessary for the chemical Engineering students.

After a thorough discussion, the following resolution was made.

Resolution:

1. A common syllabus is approved by the Board for all the branches, to be offered in 1st or 2nd semester of first year.
2. The Principal, Chairman, B.O.S advised the HOD of Chemical Engineering, ANITS to offer other chemistry like organic and physical chemistry in other semesters as per needs of the department.

(v) **Environmental Science:**

A common syllabus is approved by the Board and the board has suggested to include the topic of Green Technology in the existing syllabus, to be offered in 1st or 2nd semester of first year.

(Vi) **Professional Ethics and Human values:**

Discussions:

1. Sri. S. Lakshminarayana, Principal Scientist, CSIR-NIO, advised to introduce this course as a audit course. He also suggested that this course shall be preferably offered by a senior faculty, to get more awareness on real things.
2. The Expert members of ECE, EEE, MECH and CHEMICAL Engineering opined that this course will introduce as a audit course.
3. Prof.T.Praveen, Civil Engg, A.U.C.E(A) and Prof.Viswanadham, IIT-Bombay advised to introduce a stress management subject in their curriculum. They also opined that a professional doctor can be preferred to teach some of the topics of this subject for the benefit of the students.
4. The principal, Chairman, B.O.S, opined that some minimum number of credits have to be allotted for the course for smooth running of the subject.

Resolution:

A common syllabus is approved by the Board for all the branches. Further resolved that, the Professional Ethics and Human values subject is evaluated through internal valuation with 2 credits for a total 100 marks. The contact hours are 2 theory plus one tutorial.

(vii) **Computer Programming with C :**

Discussions:

1. Prof. B. Majhi. Professor, CSE & IT, NIT, Rourkela, advised to introduced the advanced course like C++ and other related labs in first year curriculum for all the students.
2. Sri. S. Lakshminarayana, Principal Scientist, CSIR-NIO, advised to introduce the Data structures subject in place of existing Computer programming with C subject for all the branches. He also opined that CSE and IT branch students it is not necessary to offer the Computer programming with C as a subject. It may be considered as lab course by including C++ concepts.
3. Prof. Ch. Ratnam, Principal, A.U.C.E (W) advised to take into consideration about the input of the students and it is better to have the concepts of C language.



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4. Prof. T. Praveen, Civil Engg, A.U.C.E (A) opined that the civil Engg students need not necessarily learn the **Data structures** subject. If necessary, it will be introduced as open elective for the Civil Engineering students.
5. Prof. A. Mallikarjuna Prasad, ECE, JNTU (K) and Prof. Deba Priya Das, EEE, IIT-KGP and Mr. K. Anil Kumar, Asst. Manager, RINL, Alumni member of EEE, said that the **Data structures** subject is already there in the curriculum of ECE and EEE students. Hence, they opined that the **Computer Programming with C lab** is included with some other important topics such that the programming skills for the students will be enriched.
6. Dr. P.S.T. Sai, Dept of Chemical, IIT-Madras opined that the **Data structures** subject is not necessary for the chemical Engineering students.
7. Prof. T.V. HanumanthaRao, HOD of Mech Engg, ANITS opined that **Data structures** subject is necessary for the Mechanical Engg students and suggested to introduce the **Data structures** as a theory subject in place of existing Computer Programming with C subject for Mechanical Engineering students.

After a thorough discussion, the following resolution was taken pertaining to Computer Programming with C subject and for Computer Programming with C lab.

Resolution:

A “**Data structures**” is introduced as a theory subject in place of existing Computer Programming with C subject for Mechanical Engineering branch. Further it has been resolved that the existing Computer Programming with C subject is removed for other remaining branches.

(viii) **Computer Programming with C lab:**

The existing Computer Programming with C lab (three periods) is converted into one tutorial hour plus three hours lab session with 3 credits. This is common for all the branches.

(ix) **Engineering Physics lab:**

A common syllabus is approved by the Board for all the branches to be offered in 1st or 2nd semester of first year.

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(x) **Engineering Chemistry lab:**

A common syllabus is approved by the Board for all the branches, to be offered in 1st or 2nd semester of first year.

(xi) **Engineering workshop:**

Discussions:

1. Sri. S. Lakshminarayana, Principal Scientist, CSIR-NIO, advised to introduce as a common lab for all the students. He also opined that it is an opportunity to know about the minimum Engineering trades in first year for all the Engineering students.
2. The Expert members of ECE, EEE, MECH and CHEMICAL Engineering and experts from industries also opined that the students must know about the minimum engineering trades like Fitting, Carpentry, Tin smithy and house wiring etc.
3. Prof. D. Ravi Kumar, IIT-Delhi advised to name the tin smithy trade as **Sheet metal**

Resolution:

A common syllabus is approved by the Board for all the branches, to be offered in 1st or 2nd semester of first year.

(xii) **Language lab:**

1. A common syllabus is approved by the Board and it will be offered in first year second semester for all the branches.
2. It has been approved by the board to introduce one departmental core subject in first year second semester for all the branches.

By considering the above resolutions, the first year curriculum is finalized and approved by the board. Further the Principal informed the HODs of ANITS to conduct the individual board of studies meeting with their respective experts of B.O.S to finalize the remaining three years course structure, along with any modification in first year if so needed.



(Prof. V.S.R.K. Prasad)
Chairman, Joint Board of Studies
All Academic Departments

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