

1.1.2(1)-Minutes of BoS

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5	2022-23	126-164

NRI INSTITUTE OF TECHNOLOGY

Pothavarappadu(v), Agiripalli(M), Vijayawada Rural-521 212



(AUTONOMOUS)

(Approved by AICTE, New Delhi :: Affiliated to JNTUK, Kakinada)
(Accredited by NAAC with A - Grade, An ISO 9001 : 2015 Certified Institution)

Pothavarappadu (V), (Via) Nunna, Agiripalli Mandal, Krishna District, A.P., INDIA Pin: 521 212 Cell: 8333 882 444, 9390 686868
Ph: 0866 - 2469666, 0866 - 2469665
e-mail: nrihitech@rediffmail.com
URL: www.nrigroupofcolleges.com

Date: 28/5/2019

To **Dr. M.Janardhan**Prof. in Civil Engg. Department JNTUH, Hyderabad.

Sub: Meeting of Board of Studies of Civil Engineering Department of NRI Institute of Technology (Autonomous), Pothavarappadu- 521212, Agiripalli Mandal, Vijayawada Rural

Sir.

This is to bring to your kind notice that Board of Studies meeting of Civil Engineering is planned to conduct on 31.05.2019 (Friday) at 11.00 AM at our college campus. We plan to review the implementation of NRIA 18 curriculum from Academic Year 2019-20 for II year due to revision of curriculum from AICTE and APSCHE.

We request you to make it convenient to attend the meeting. With regards,

Yours sincerely,

K.VIJAYA KISHORE 2



(AUTONOMOUS)

(Approved by ASCTE, New Delbis Affiliated to JNTUK, Kakinada)

(Accredited by NAAC with A - Grade, An ISO 9001: 2015 Certified Institution)

Pothavarappadu (V), (Via) Nunna, Agiripalli Mandal, Krishna District, A.P., INDIA Pin: 521 212 Cell: 8333 882 444, 9390 686868 Ph: 0866 - 2469666, 0866 - 2469665 e-mail: nrihitech@rediffmail.com URL: www.nrigroupofcolleges.com

Date: 28/5/2019

To Dr. H. Sudarsana Rao, Director (ICS), JNTU-Ananthapur.

Sub: Meeting of Board of Studies of Civil Engineering Department of NRI Institute of Technology (Autonomous), Pothavarappadu- 521212, Agiripalli Mandal, Vijayawada Rural

Sir,

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Date: 28/5/2019

To
Dr. C.S.R.K. PRASAD
Prof. in Civil Engg. Department,
National Institute of Technology,
WARANGAL – 560 004.

Sub: Meeting of Board of Studies of Civil Engineering Department of NRI Institute of Technology (Autonomous), Pothavarappadu- 521212, Agiripalii Mandal, Vijayawada Rural.

Sir,

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K. VIJAYA KISHORE

An Autonomous Institution, Permanently Affiliated to JNTUK, Kakinada (Accredited by NAAC with "A" Grade and ISO 9001:2015 Certified Institute) Pothavarappadu (V), Via Nunna, Agiripalli (M), PIN-521 212.

DEPARTMENT OF CIVIL ENGINEERING

Agenda of meeting

- 1. To finalize the proposed NRIA 18 Curriculum course structure as suggested by AICTE and APSHE for 160 credits.
- 2. To finalize the proposed NRIA 18 curriculum course for II year of M.Tech in Structural Engineering.

Minutes of BOS held on 31/05/2019 at 11.00 A.M.

- i. Members discussed the proposed course structure of NRIA 18 in line with AICTE and APSHE new curriculum at length.
- 2. The tentative course structure for NRIA 18 Civil-Engineering Course structure is finalized as follows.
- 3. The first year courses syllabus along with remaining six semesters course structure shall be reviewed and finalized in the BOS meeting by taking into the suggestions.
- 4. The course structure for II year of M. Tech in Structural Engineering is finalized.

SNo	Courses	Weightage	AICTE Weightage (CE)
1	Basic Science Courses	21	26
2	Engineering Science Courses	25	29
3	Humanities, Social Sciences and Management Courses	13.5	12
4	Professional Core Courses	59.5	47
	Project and Industry Internship	11	12
5	Professional Electives	15	23
6	Open Electives	15	11
8	Mandatory Learning Courses (Induction Training, Environmental science, Professional ethics and gender sensitization, Indian Constitution, Essence of Indian 1 Knowledge and traditions, NSS, NCC)	0	0
	Total Credits	160	160

Prepared By

HOD

Head of The Department CIVIL ENGINEERING NRI Institute of Technology

POTHAVARAPPADU.

Minutes of Meeting.	
The bast meeting or	C Boc Department
of Civil Engineering, NRI Inchante	of Tochnology (Autonomous)
of Gul Engineering, NRI Institute held on 31-05-2019 at college cam	busin the xoom of
HOD, Department of Circl Engineering. A	IRIT (Autonomous).
Members of Bos	Signature with Date.
1) Mr. P. Navendra Babu	
HOD, Chairman	Boy
2) Profeson - JNTUK &	
Profeson - JNTUK &	S. udays Quesa
APPSL Chairman	V
3) Prof. Dr. H. Sugarchen Ros	14/112
Professor - JNTUA.	HE ME
Member	
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Member	
6) M. Siva Chenna Kesawa Ran	m.sve
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Membro	

An Autonomous Institution, Permanently Affiliated to JNTUK, Kakinada (Accredited by NAAC with "A" Grade and ISO 9001:2015 Certified Institute) Pothavarappadu (V), Via Nunna, Agiripalli (M), PIN-521 212.

DEPARTMENT OF CIVIL ENGINEERING

Board of Studies Committee Meeting on 31-05-2019

S.No	Name of the Committee Member	Designation	Signature
1	Mr. K. Vijaya Kishore	HOD & Prof. in CE, NRIIT, Agiripalli	Lui -
2	Mr. M. Ramachandra Rao	Associate Prof. in CE, NRIIT, Agiripalli	Mr
3	Mr. P.Narendra Babu	Associate Prof. in CE,NRIIT, Agiripalli	By
4	Mr. B. Uday Bhaskar	Associate Prof. in CE, NRIIT, Agiripalli	Soloto
5	Mr. M. S. Phani Kumar	Associate Prof. in CE, NRIIT, Agiripalli	日经
6	Mr. N. Rama Rao	Associate Prof. in CE, NRIIT, Agiripalli	M. Porra P
7	Mr. S. Pavan	Assistant Prof. in CE, NRIIT, Agiripalli	Paved
8	Mr. M. Krishna Kumar	Assistant Prof. in CE, NRIIT, Agiripalli	1
9	Ms. Asha Sedeq	Assistant Prof. in CE, NRIIT, Agiripalli	Affre
10	Mr. M. Siva Chenna Kesava Rao	Assistant Prof. in CE, NRIIT, Agiripalli	S. C. Keery
11	Dr. H. Sudharsana Rao	Director(ICS), JNTUA, Ananthapur	350
12	Dr. V. Ravndra	Professor in CE, UCE, Kakinada	FMI
13	Dr. C.S.R.K. Prasad	Professor in CE, NIT, Warangal	Pas
14	Dr. M. Janardhan	Professor in CE, JNTUH Hyderabad	0.7

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DEPARTMENT OF CIVIL ENGINEERING

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3	Mr. P.Narendra Babu	Associate Prof. in CE,NRIIT, Agiripalli	Bul
4	Mr. B. Uday Bhaskar	Associate Prof. in CE, NRIIT, Agiripalli	John
5	Mr. M. S. Phani Kumar	Associate Prof. in CE, NRIIT, Agiripalli	LIM
6	Mr. N. Rama Rao	Associate Prof. in CE, NRIIT, Agiripalli	N. Porna P
7	Mr. S. Pavan	Assistant Prof. in CE, NRIIT, Agiripalli	Parad -
8	Mr. M. Krishna Kumar	Assistant Prof. in CE, NRIIT, Agiripalli	D-
9	Ms. Asha Sedeq	Assistant Prof. in CE, NRIIT, Agiripalli	After
10	Mr. M. Siva Chenna Kesava Rao	Assistant Prof. in CE, NRIIT, Agiripalli	3. C. Keery
11	Dr. H. Sudharsana Rao	Director(ICS), JNTUA, Ananthapur	350
12	Dr. V. Ravndra	Professor in CE, UCE, Kakinada	PM
13	Dr. C.S.R.K. Prasad	Professor in CE, NIT, Warangal	Pas
14	Dr. M. Janardhan	Professor in CE, JNTUH Hyderabad	0.



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Dt: 02-07-2018

From Dr. N. Sambasiya Rao Chairman, BoS in EEE Professor and Head, Dept. of EEE NRI Institute of Technology, Pothavarappadu, Agiripalli, Vijayawada

To All the BOS members of EEE

Respected Sir/Madam,

Sub: Meeting of the External Board of Studies in Electrical and Electronics Engineering-Reg.

A meeting of the Board of Studies in Electrical and Electronics Engineering Department will be held on 05-07-2018, at 02.30PM in the HOD chamber, Department of Electrical and Electronics Engineering, NRI Institute of Technology, Vijayawada.

AGENDA

- 1. To discuss and approve the Autonomous course structure(NRIA18) for I B.Tech program courses offered by EEE Department.
- 2. To discuss and approve the Autonomous Course Structure(NRIA18) for M. Tech program.
- 3. To identify the panel of examiners for the above courses.
- 4. To discuss and to take feedback from various stakeholders (Alumni, Parents, Industry, Employers, Students) regarding framing of the I B. Tech course structure to include Internships, Projects etc.
- 5. Any other item with the permission of the chairman.

You are requested to make it convenient to attend the meeting.

CHAIRMAN .

BOS for B. Tech EEE

DA N. SAMBASIVA RAO

B.Tech, M.Tech, Ph.D. MISTE

Head of the Department & Professor of EEE 2. The Academic Officer, NRI Institute of Technology, Agiripalli. NRI INSTITUTE OF TECHNOLOGY (KN)

1. The Principal, NRI Institute of Technology, Agiripalli.

3. To all the members of Board of Studies.

Copy to:

Minutes of Meeting

Subject: Minutes of meeting of BOS meeting held on 05-07-2018. The following members were present in the meeting

S.No.	Name of the Faculty	Designation	Signature
1	Dr. N. Sambasiva Rao	Chairman, Professor & HOD	
2	Mr. R. Raghunadha Sastry	Internal Member	REslud
3	Mr. K. Venkata Kishore	Internal Member	July 1
4	Mr. I. Prasanna Kumar	Internal Member	(4)
5	Mr. B. Eedukondalu	Internal Member	TALL
6	Mrs. S. Ramyaka	Internal Member	Vancyalas
7	Mr. K. Sravan Sai Kumar	Internal Member	Aravan
8	Mr. L. V. Mahesh Babu	Internal Member	L.V. Tahuh
9	Mr. G. Devanand	Internal Member	676

At the onset the Chairman welcomed the members to the first meeting of External BOS and placed the agenda for the deliberations of the members. The following deliberations were made as per the items of the circulated agenda.

Minutes:

Item 1: Discussed and approved about the autonomous course structure for I B.Tech program(NRIA18) courses offered by the EEE Department in line with AICTE and Reputed Universities.

Item 2: Discussed and approved about the Autonomous Course Structure for M. Tech Program.

Item 3: Identified the panel of Examiners for the above Courses.

Item 4: Taken feedback from various stake holders.

Item 5: Discussed other items with the permission of the chairman.

Dr. N. SAMBASIVA RAO

B.Tech, M.Tech, Ph.D, MISTE Head of the Department & Professor of EEE NRI INSTITUTE OF TECHNOLOGY (KN) Minutes of the meeting of Board of Studies (BOS) of Melhanical Engineering Department (ME) of NAI Institute of Tellmology, Agiripalli [Autonomous held on 03-08-18 at 10:30 AM In the seminal Hall of Mechanial Engineering Department. Members present S-NO Name Designation signaline with Delo. 1. Dr. J. Prosada Rao chairman professol & HoD Rose 3/8/18 GRanga Tonorohena Mperer ME Or. Sukesh Babuch. Professor racett ch fraghth Member &. G.V.N.B. PRABHAKAR Associate professo T. Haritha Associate Profesier Member PUS Mr. K. Vijay Koishna Associate Professor membr T. Gopala Ros Assoc- Pud

SECTION-I

ITEM FOR NOTING

Item: 1.01 Noting and Welcoming the Members of Boards of Studies

Resolutions

On behalf of the Management, Principal, Faculty Members of the Department and in particular the internal members of the Board of Studies in Department of MECHANICAL ENGINEERING extends their hearty welcome to the external members of this Board of Studies for kindly accepting our invitation to be on the Board of Studies in the Department of MECHANICAL ENGINEERING and for attending this meeting to guide us for implementing the Autonomy of our Institution.

SECTION II

Item for consideration

SYLLABUS MATTERS

Item 2.1.1: Syllabus for First year UG and PG Programme has been presented to the Board of Studies for perusal.

Examined and consider the syllabus for the following UG Courses of B. Tech. (Mechanical Engineering)

1st Semester:

- 1. Engineering Drawing
- 2. Basic Engineering and IT workshop

2nd Semester

1. Engineering Mechanics

Examined and consider the syllabus for the following PG Courses of M. Tech. (Thermal Engineering)

1st Semester:

- 1. Optimization techniques and Applications
- 2. Advanced Thermodynamics
- 3. Advanced Heat & Mass Transfer
- 4. Advanced Fluid Mechanics
- 5. Elective I
 - a) Gas Dynamics
 - b) Refrigeration and Cryogenics
 - c) Renewable Energy Technologies

d) Theory and Technologies of Fuel Cells

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- 6. Elective II
 - a) Advanced IC Engines
 - b) Solar Energy Technologies
 - c) Turbo Machines
 - d) Alternative Fuels Technologies
- 7. Thermal Engineering Lab

2nd Semester:

- 1. Fuels Combustion & Environment
- 2. Energy Management
- 3. Finite Element Method
- 4. Computational Fluid Dynamics
- 5. Elective III
 - a) Materials Technology
 - b) Convective Heat Transfer
 - c) Thermal and Nuclear Power Plants
 - d) Advanced Automobile Engineering
- 6. Elective IV
 - a) Thermal measurements and Process Controls
 - b) Cryogenic Engineering
 - c) Jet Propulsion and Rocketry
 - d) Equipment Design for Thermal Systems
 - e) Thermal Engineering Lab
- 7. Thermal Systems Design Lab

Resolved to accept the proposed syllabus proposed for the above courses of 1st and 2nd Semesters of 1st year B.Tech and 1st year M.Tech with modifications as suggested by members. Various stake holders feedback is considered to include new courses in the course structure and discussed about the industry institute interaction through interships and projects.

EXAMINATION MATTERS

Item 2.2.1: To consider and approve the subject wise panel of examiners for the Question Paper setting

Considered the point of preparing the panel of Examiners for paper setting of each subject, of first and second semesters of 1st year B.Tech. in **Mechanical Engineering** and 1st year M.Tech in **Thermal Engineering**. The Board unanimously authorises the Chairman to prepare the panel of Examiners for paper setting. The Head of the Department who is the Chairman of the Board is

authorized to submit the same to the Principal in sealed cover for further process.

Item 2.2.2.: To consider and approve the subject wise List of Valuators for spot Valuation

Considered the point of preparing the panel of Examiners for evaluation of each subject papers, of first and second semesters of 1st year B.Tech. in Mechanical Engineering and 1st year M.Tech. in Thermal Engineering. The Board unanimously authorises the Chairman to prepare the panel of Examiners for evaluation. The Head of the Department who is the Chairman of the Board is authorized to submit the same to the Principal in sealed cover for further process.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Ref.No: NRI/ECE/BoS/2018-19/01

Minutes of meeting for Board of Studies held on 31/7/2018

Time: 11.00 A.M

A meeting is held in the department with the members of Board of studies to finalize and approve the curriculum for regulation NRIA18 for B.Tech (ECE) and M.Tech (DECS)

- 1) Considered and approved the first year syllabus of UG and PG programmes.
- 2) Examined and considered the syllabus for B.Tech (ECE) Second semester for the paper

1. Electronic Devices & Circuits.

- 3) Examined and considered the syllabus for M.Tech (DECS) for the papers in I SEMESTER and II SEMESTER.
- 4) Discussed about suggestions and feedback taken from various stake holders (Alumini, parents, industry, employers, students) regarding framing of the I B.Tech course structure to include internships, projects etc
- 5) Considered and approved the subject wise panel of examiners for paper setting.
- 6) Considered and approved the subject wise list of evaluators for spot valuation.
- 7) Any other item with the permission of chairman

Prepared and submitted approved syllabus and list of evaluators to the chairman Board of studies and is authorized to submit the same to the principal in sealed cover for further processing.

Signature of Chairmar Board of Studies

Head, ECE Department
NRI Institute of Technology
POTHAVARAPPADU (Vill)
Agiripalli (Mdl), Krishna Dist.

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Ph: 0866 - 2460666 Website: nrigroupofcolleges com e-mail: nrihitech@rediffmail.com

Dt.:02-07-2018

From

Dr. K. V. Sambasiva Rao, Chairman, BOS in CSE, Dean & Head, Dept. of CSE, NRI Institute of Technology,, Pothavarappadu, Agiripalli, Vijayawada – 521212

To All the BOS Members in CSE

Respected Sir/Madam,

Sub: Meeting of the Internal Board of Studies in Computer Science and Engineering - Reg.

A meeting of the Board of Studies in Computer Science and Engineering will be held 015-07-2018, at 02.30 P.M. in the HOD chamber, Department of Compute Science and Engineerg. NRI Institute of Technology, Vijayawada-521212.

AGENDA

- 1. To discuss the Autonomous Course Structure for I B.Tech program courses offered by CSE Department.
- 2. To discuss the Autonomous Course Structure for M.Tech program.
- 3. To identify the panel of examiners for the above courses.
- 4. Any other item with the permission of the Chairman.

You are requested to make it convenient to attend the meeting.

CHAIRMAN BOS for B. Tech CSE

Copy to:

1. The Principal, NRI Institute of Technology, Agiripalli.

2. The Academic Officer, NRI Institute of Technology, Agiripalli.

3. To all the members of board of studies.

Head, CSE Department
NRI Institute of Technology
POTHAVARAPPADU (Vill)
Adirioalli (MdL), Krishna Dist.

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Minutes of meeting:
Subject: Minulis of meeting of Box meeting held
The following members were present as
1. Dr. K.V. Sambasiva Rab Chairman Gb d. Dr. R.B.V. Subrahmanyam Subject Expert
Professor, NIT Warongal. REVIOUS
3. Dr. J. V. R. Murthy Subject Expert Professor, JNTU-Kakinada
4. Dr. D. Rajya Lakshmi. Subject Expert Projestor, INTU Narsarappeta & Rajya Laure 5. 97. 9. Rotro Kishore.
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Eug 10.
8. Mrs. D. Suneetha. 9. Mr. D. Raghreer. 1. Mr. D. Raghreer.
10. Mrs. K. Sowmya. 11. Mrs. K. Sowmya. de the onset the chairman welcomed the
member to the meeting of Fratunal Bos and placed the agenda for the deliberation
The following deliberations were made as per the items of the circulated agenda.
Minula
Tem! Discussed and finalized the Autonomous Course Structure for



An Autonomous Institution, Permanently Affiliated to JNTUK, Kakinada (Accredited by NAAC with "A" Grade and ISO 9001:2015 Certified Institute) Pothavarappadu (V), Via Nunna, Agiripalli (M), PIN-521 212. Ph: 0866 - 2469666 Website: nrigroupofcolleges.com e-mail: nrihitech@rediffnull.com

Dr.: 13-03-2019

From Dr. K. V. Sambasiva Rao, Chairman, BOS in CSE, Dean & Head, Dept. of CSE. NRI Institute of Technology... Pothavarappadu, Agiripalli, Vijayawada - 521212

To All the BOS Members in CSE

Respected Sir/Madam.

Sub: Meeting of the Internal Board of Studies in Computer Science and Engineering - Reg.

A meeting of the Board of Studies in Computer Science and Engineering will be held on 16-03-2019, at 2.30 P.M. in the HOD chamber, Department of Compute Science and Engineering, NRI Institute of Technology, Vijayawada-521212.

AGENDA

- 1. To discuss and the Autonomous Course Structure for B. Tech program
- 2. To discuss the B.Tech II year Course Contents
- 3. To discuss the list of B. Tech Open Electives to be offered by CSE department

You are requested to make it convenient to attend the meeting.

CHAIRMAN BOS for B. Tech CSE

Copy to:

1. The Principal, NRI Institute of Technology, Agiripalli.

2. The Academic Officer, NRI Institute of Technology, Agiripalli.

3. To all the members of board of studies.

Head, CSE Department NRI Institute of Technology POTHAVARAPPADU (VIII) Agiripalii (Ndl.), Krishna Dist.



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Pothavarappadu (V), Via Nunna, Agiripalli (M), PIN-521 212.
Ph: 0866 - 2469666 Website: nrigroupofcolleges.com e-mail: nrihitech@rediffmail.com

Dt.: 18-04-2019

From
Dr. K. V. Sambasiva Rao,
Chairman, BOS in CSE,
Dean & Head, Dept. of CSE,
NRI Institute of Technology,,
Pothavarappadu, Agiripalli, Vijayawada – 521212

To All the BOS Members in CSE

Respected Sir/Madam,

Sub: Meeting of the Internal Board of Studies in Computer Science and Engineering - Reg.

A meeting of the Board of Studies in Computer Science and Engineering will be held on 20-04-2019, at 2.30 P.M. in the HOD chamber, Department of Compute Science and Engineering, NRI Institute of Technology, Vijayawada-521212.

AGENDA

- 1. To discuss and verify the Autonomous Course Structure for B. Tech program
- 2. To discuss and verify the B.Tech II year Course Contents
- 3. To discuss and verify the list of B.Tech Open Electives to be offered by CSE department with course contents.
- 4. To identify the panel of examiners for the above courses
- 5: To discuss the course contents of III and IV semesters of M. Tech

You are requested to make it convenient to attend the meeting.

CHAIRMAN BOS for B.Tech CSE

Copy to:

1. The Principal, NRI Institute of Technology, Agiripalli.

2. The Academic Officer, NRI Institute of Technology, Agiripalli.

3. To all the members of board of studies.

Head, CSE Department

Minules of meeting. 11
Subject: Minutes of meeting of Bos meeting held on 28-04-2018.
The Following Members were attended the meeting.
D. Dr. K. V. Sambasiva Rao Chairman (de 2) Dr. D. Ratna Kishore
3) Mr. B. B. K. Prasad 4) Mr. K. Vamsi Krishna Kuz
5) Mr. Ch. Surya Kiran 6) Mrs. D. S. uneetha. 7) Mr. P. Surendra Varna Varna
8) Mr. P. Raghuveer 9) Mr. B. Dasaradha Ram Si. La
10) Mrs. K. Sowmya.
At the Onset the chairman the welcomed the members to the Internal BOS meeting and
The collowing deliberations were made as
per lu Thems circulated in lu agenda. Minules:
I tem 1: Discussed and Verified the surformous course Structure for Bilech program.
21



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14 out - 14 out welone prigning atcalleges come mail: prihitech@ rediffmail.com

Dt.: 20-05-2019

1. 10111

Dr. K. V. Sambasiya Rao. Charan Wisnest. Acres A Head, Dept. of CN CC. Institute of Technology. Pothovarappada, Agiripalli, Vijayawada -521212

Al the Bos Members in CSE

Respected Sir Madam,

Sub: Meeting of the Board of Studies in Computer Science and Engineering - Reg.

A meeting of the Board of Studies in Computer Science and Engineering will be held on 01 06-2019, at 10.30 A.M. in the HOD chamber, Department of Compute Science and Engineering NRI Institute of Technology, Vijayawada-521212.

AGENDA

- 1. To discuss and finalize the Autonomous Course Structure for B. Tech program.
- 2. To discuss and finalize the B. Tech II Year (I & II Semesters) Course Contents.
- 3. To discuss and finalize the list of B.Tech Open Electives to be offered by CSE Department.
- 4. To discuss and modify the B. Tech I year course contents of the courses, offered by CSE Department
- 5. To discuss and finalize the course contents of III and IV semesters of M.Tech.
- 6. To identify and approve the panel of examiners for the above courses.
- 7. Any other item with the permission of the Chairman.

You are requested to make it convenient to attend the meeting,

CHAIRMAN BOS for B. Tech CSE

Copy to:

1. The Principal, NRI Institute of Technology, Agiripalli.

2. The Academic Officer, NRI Institute of Technology, Agiripalli.

To all the members of board of studies.

Head, CSE Department NRI Institute of Technology POJHAVARAPPADU (VIII) Agiripalli (Mdl.), Krishna Dist.

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Dt · 20-05-20

rom r. K. Swathi, lead, Dept. of IT. IRI Institute of Technology, othavarappadu, Agiripalli, Vijayawada - 521212

o' Il the BOS Members in IT

espected Sir/Madam,

ub: Meeting of the Board of Studies in the department of Information Technology - Reg.

A meeting of the Board of Studies in the department of Information Technology will be he n 01- 06-2019, at 10.30 A.M. in the HOD chamber, Department of IT, NRI Institute echnology, Vijayawada-521212.

AGENDA

- 1. To discuss and finalize the Autonomous Course Structure for B. Tech IT program.
- 2. To discuss and finalize the B.Tech II Year (I & II Semesters) CourseContents.
- 3. To discuss and finalize the list of B.Tech Open Electives to be offered by IT Department.
- 4. To discuss and modify the B.Tech I year course contents of the courses, offered by IT Department.
- 5. To identify and approve the panel of examiners for the above courses.
- Any other item with the permission of the Chairman.

You are requested to make it convenient to attend the meeting

NRI Institute of POTHAVARAP, DU*(V)

Copy to:

The Principal, NRI Institute of Technology, Agiripalli. (M), Krishna Dist

- The Academic Officer, NRI Institute of Technology, Agiripalli.
- To all the members of board of studies.

Minute	of the Board	of Studies	noeting
for	The Department of	Informati	a Techno
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	Principals HOD, CS	E, JNTU N	70
2.	Dr. O.B.V. Ramanaiah		ass gungages
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3.	Dr. Ch. Aswari Kuma	t ,	
	Profesor, Dept.	of CS ETTUIT, Vellore	Ch. D
4.	Dr. K. Swatli,		2 mettel 18
	Professor & HOD.		1 1910)
5	Mr. Ch.V. Murali Krishn		CHEVI COM
	Acro Professor, De	pt. of IT, NRIT.	
6.	Mrs. H.B. Anusha		MB- Acust 6
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Dt: 05-07-2019

From Dr. N. Sambasiya Rao Chairman, BoS in EEE Professor and Head, Dept. of EEE NRI Institute of Technology, Pothavarappadu, Agiripalli, Vijayawada

To All the BOS members of EEE

Respected Sir/Madam,

Sub: Meeting of the External Board of Studies in Electrical and Electronics Engineering-Reg.

A meeting of the Board of Studies in Electrical and Electronics Engineering Department will be held on 10-07-2019, at 02.30 PM in the HOD chamber, Department of Electrical and Electronics Engineering, NRI Institute of Technology, Vijayawada.

AGENDA

- 1. To discuss and approve the Autonomous course structure for II B. Tech program courses offered by EEE Department.
- 2. To discuss and approve the B. Tech II Year Autonomous Course Structure(NRIA18) and its contents.
- 3. To discuss the list of B. Tech Open Electives to be offered by EEE Department.
- 4. To identify the panel of examiners for the above courses.
- 5. To discuss and to take feedback from various stakeholders(Alumni, Parents, Industry, Employers, Students) regarding framing of the course structure to include Internships, Projects etc.
- 6. To discuss the course contents of III and IV semesters of M.Tech(NRIA18).

You are requested to make it convenient to attend the meeting.

BOS for B. Tech EEE

Copy to:

1. The Principal, NRI Institute of Technology, Agiripalli.

2. The Academic Officer, NRI Institute of Technology, Agirirpalli. NRI INSTITUTE OF TECHNOLOGY (KN)

Head of the Department & Professor of EEE

B.Tech, M.Tech, Ph.D, MISTE

3. To all the members of Board of Studies.

Minutes of Meeting

Subject: Minutes of meeting of BOS meeting held on 10-07-2019. The following members were present in the meeting

S.No.	Name of the Faculty	Designation	Signature
1	Dr. N. Sambasiva Rao	Chairman, Professor & HOD	graw
7	Mr. R. Raghunadha Sastry	Internal Member	P. R. Guil
8	Mr. K. Venkata Kishore	Internal Member	W o
9	Mr. I. Prasanna Kumar	Internal Member	A
10	Mr. B. Eedukondalu	Internal Member	4
11	Mrs. S. Ramyaka	Internal Member	Farning all
12	Mr. K. Sravan Sai Kumar	Internal Member	Dearance
13	Mr. L. V. Mahesh Babu	Internal Member	L.V.Mahish
14	Mr. G. Devanand	Internal Member	69

At the onset the Chairman welcomed the members to the External BOS meeting and projected the agenda for the reflections of the members.

The following discussions were made as per the items of the circulated agenda minutes.

Minutes:

Item 1: Discussed and approved the Autonomous Course Structure for II B. Tech Program(NRIA18).

Item 2: Discussed and approved the B. Tech II Year course structure and their contents.

Item 3: Discussed about the list of B. Tech open electives that are offered by the EEE Department.

Item 4: Identified the Panel of Examiners for the above courses.

Item 5: Taken feedback from various stakeholders.

Item 6: Discussed the Course Contents of III and IV Semesters of M. Tech(NRIA18).

Head of the Department & Professor of EEE NRI INSTITUTE OF TECHNOLOGY (KN)

M.Tech, Ph.D, MISTE



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Dt: 28-12-2019

From
Dr. N. Sambasiva Rao
Chairman, BoS in EEE
Professor and Head, Dept. of EEE
NRI Institute of Technology,
Pothavarappadu, Agiripalli, Vijayawada

To All the BOS members of EEE

Respected Sir/Madam,

Sub: Meeting of the External Board of Studies in Electrical and Electronics Engineering-Reg.

A meeting of the Board of Studies in Electrical and Electronics Engineering Department will be held on 28-12-2019, at 11.00 AM through online.

AGENDA

- 1. To discuss and approve the Autonomous course structure for I B. Tech program courses (NRIA20) offered by EEE Department.
- 2. To discuss and approve the Autonomous Course Structure for M. Tech program.
- 3. To introduce new courses in the Proposed Course Structure.
- 4. To identify the panel of examiners for the above courses.
- 5. To take feedback on curriculum from various stake holders.
- 6. Any other item with the permission of the chairman.

You are requested to make it convenient to attend the meeting.

CHAIRMAN
BOS for B.Tech EEE

Dr. N. SAMBASIVA RAO

B.Tech, M.Tech, PhD, MISTE

Head of the Department & Professor of EEE

NRI INSTITUTE OF TECHNOLOGY (RO)

Copy to:

- 1. The Principal, NRI Institute of Technology, Agiripalli.
- 2. The Academic Officer, NRI Institute of Technology, Agiripalli.
- 3. To all the members of Board of Studies.

Minutes of Meeting

Subject: Minutes of meeting of BOS meeting held on 28-12-2019. The following members were present in the meeting

S.No.	Name of the Faculty	Designation	Signature
1	Dr. K. Ravindra, JNTUK, Kakinada	University Nominee, Professor of EEE	Attended through Online
	Dr. R.Srinivasa Rao,	Subject Expert,	Attended through
2	JNTUK, Kakinada	Professor of EEE	Online
3	Dr. M. Ramalinga Raju, JNTUK, Kakinada	Subject Expert, Professor of EEE	Attended through Online
4	Prof N. V. Ramana Rao, Professor	Subject Expert, Professor of EEE	Attended through Online
5	Dr. P. V. V. Rama Rao, Professor	Subject Expert, Professor of EEE	Attended through Online
6	Sri M. Narayana Prasad, Industry Expert	Industry Expert	Attended through Online
7	Dr. N. Sambasiva Rao	Chairman, Professor & HOD	Attended through Online
8	Mr. R. Raghunadha Sastry	Internal Member	Attended through Online
9	Mr. K. Venkata Kishore	Internal Member	Attended through Online
10	Mrs. S. Bhavani	Internal Member	Attended through Online
11	Mr. I. Prasanna Kumar	Internal Member	Attended through Online
12	Mr. B. Eedukondalu	Internal Member	Attended through Online
13	Mrs. S. Ramyaka	Internal Member	Attended through Online
14	Mr. L. V. Mahesh Babu	Internal Member	Attended through Online
15	Mr. G. Devanand	Internal Member	Attended through Online
16	Mr. G. Durga Pråveen, Alumni.	Student Member	Attended through Online

At the onset the Chairman welcomed the members to the first meeting of External BOS and placed the agenda for the deliberations of the members. The following deliberations were made as per the items of the circulated agenda.

Minutes:

Item 1: Discussed and approved about the autonomous course structure for I B.Tech program (NRIA20) courses offered by the EEE Department in line with AICTE and Reputed Universities.

Item 2: Discussed and approved about the Autonomous Course Structure for M. Tech Program.

Item 3: Identified the panel of Examiners for the above Courses.

Item 4: Discussed to take feedback on curriculum from stake holders.

Item 5: Discussed other items with the permission of the chairman.

Dr. N. SAMBASIVA RAO

B. tech, M. tech, Rh.D, MISTE

ead of the Department & Professor of EEE

IRI INSTITUTE OF TECHNOLOGY (KN)

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Minutes of meeting of Board of Studies (BOS) of Mechanical Engineering of NRI Institute of Technology (Autonomous) held on 29-06-2019 at 11:00 A.M in the Mechanical Engineering Department.

S.No.	Name of the Committee Member	Designation	Signature	
1	Dr. K. PRASADA RAO	HOD & Prof. in ME, NRIIT, Agiripalli	Por	
2	Dr. CH. SUKESH BABU	Prof. in ME, NRIIT, Agiripalli	ch fulublat	
3	Mr. R.VIJAY KRISHNA	Associate Prof. in ME,NRIIT, Agiripalli	RIS	
4	Mr.GSRN MALLESWARA RAO	Associate Prof. in ME, NRIIT, Agiripalli	30/	
5	Mr.K.MANI KUMAR	Associate Prof. in ME, NRIIT, Agiripalli	K. Manikumov	
6	Mrs. T. HARITHA	Associate Prof. in ME, NRIIT, Agiripalli	Maritta T	
7	Mr. G. DURGA PRASAD	Associate Prof. in ME, NRIIT, Agiripalli	Gana	
8	Mr. V. LAKSHMI KANTH	Associate Prof. in ME, NRIIT, Agiripalli	· do	
9	Mrs. P. BHARATHI	Assistant Prof. in ME, NRIIT, Agiripalli	B	
10	Mr. V.MOHAN MANOJ GUPTA	Assistant Prof. in ME, NRIIT, Agiripalli	IN	
11	Mr.ONVP BHAGAVAN	Assistant Prof. in ME, NRIIT, Agiripalli	Olshaz	
	Extern	al BOS Members	a.	
12	Dr. V. SRIKANTH	Professor, ME, IIT-Madras		
13	DR.G.RANGA JANARDHANA	Professor, ME, JNTU- Kakinada		
14	DR.N.MOHANA RAO	Professor, ME, JNTU- Kakinada	N. Mohan Coop. 7.19	
15	MR.V. SAMSON DEVAKUMAR MSC,ADJC	Project Manager Software Development Center, South Central Railways, Vijayawada, AP	Raghar.	
16	MR. BNVSPM RAGHAV	Software Engineer, Tech Mahindra	Raghav	

SECTION - I

ITEM FOR NOTING

Item: 1.01 Noting and Welcoming the Members of Board of

StudiesResolutions

On behalf of the Management, Principal, Faculty Members of the Department and in particular the Internal members of Board of Studies in Department of Mechanical Engineering (ME) extends their heartywelcome to the external members of Board of Studies in the Department of Mechanical Engineering for attending this Online meeting to guide us for implementing the

SECTION: II

ITEM FOR CONSIDERATION

SYLLABUS MATTERS:

Item 2.1.1: To consider and approve the Second-year syllabus of UG and PG Programme.

Examined and considered the syllabus for the following Courses of UG Programme (B.Tech-ME) 3rd Semester:

- 1. Materials Science and Engineering
- 2. Basic Thermodynamics
- 3. Mechanics of Materials
- 4. Manufacturing Processes
- 5. Material Testing and Metallurgy Lab
- 6. Manufacturing Processes Lab
- 7. Thermal and Hydro Prime Movers
- 8. Thermal and Hydro Lab

Note:- Thermal and HydroPrime movers and Thermal and Hydro Lab courses are opted by EEE 4th semester:

- 1. Design of Machine Elements-1
- 2. Fluid Mechanics and Hydraulic Machines
- 3. Kinematics of Machines
- 4. IC Engines and Gas Turbines
- 5. Computer Aided Machine Drawing(Internal)
- 6. Open Elective-I
 - 1.Basics of Mechanical Engineering
 - 2.Industrial Materials
- 7. Fluid Mechanics & Hydraulic Machines Lab
- 8. Thermal Engineering Lab

Examined and considered the syllabus for the following paper of PG Programme (M.Tech-Thermal Engineering)

- 1. Comprehensive Viva Voice
 - 2.Seminar-1

3. Project Work Part-1

4th Semester

1.Seminar-II

2. Project Work Part-II

Resolved to accept the syllabus proposed for the above Courses of M.Tech 3rd and 4th semesters, 1^{rt} and 2nd Semesters of 2nd year B.Tech.with modifications as suggested by members. Feed back is also taken from various stake holders to include new courses in the course structure and discussed about the implementation of interships and projects.

EXAMINATION MATTERS:

ITEM 2.2.1: To consider and approve the subject panel of examiners for the Question Paper setting.

Considering the point of Preparing the panel of Examiners for paper setting of each subject, of First and Second semester of 2nd Year B. Tech in Mechanical Engineering (ME) and 2nd year M. Tech (Thermal Engineering).

Resolved to accept the Board unanimously prepared the panel of Examiners for paper setting. The Head of the Department who is the Chairman of the Board is authorized to submit the same to the Principal in sealed cover for further process.

ITEM 2.2.2: To consider and approve the subject wise List of Valuators for spot Valuation

Considered the point of preparing the panel of Examiners for evaluation of each subject

papers of first and second semesters of 2nd Year B. Tech in Mechanical Engineering (ME)

and 2nd year M. Tech.

Resolved to accept the Board unanimously prepared panel of Examiners for evaluation.

The Head of the Department who is the Chairman of the Board is authorized to submit the same to the Principal in sealed cover for further process.

CHAIRMAN
Hond Mechanical Department
NRI Institute of Technology
POTHAVARIAPPADU (VIII)
Agiripalli (Mdl), Krishna Dist



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DEPARTMENT OF MECHANICAL ENGINEERING

COURSE STRUCTURE FOR SECOND YEAR B.TECH PROGRAMME

II YEAR I SEMESTER

SI.		Title of the Course	Scheme of Instruction (Periods of the Course Per Week)		Scheme of Examination (Maximum Marks)					
No	Course Code		L	т	P	Total	CIA	SEA	Total	No. of Credits
1	18A2100201	Complex Variables and Fourier Series	3	0	0	3	40			
2	18A2103301	Material Science and Engineering						60	100	3
3	18A2103401	Basic Thermodynamics	3	0	0	3	40	60	100	3
4	18A2103402	Mechanics of Materials	3	0	0	3	40	60	100	3
5	18A2103403	Manufacturing B	3	0	0	3	40	60	100	3
	10112100100	Manufacturing Process	_3_	0	0	3	40	60	100	3
6	18A2102301	Essential of Electrical and Electronic Engineering	3	0	0	3	40	60	100	2
7	18A2103491	Material Testing and Metallurgy Lab	· 0	0						3
8		Manufacturing Process	- 0	0	2	2	40	60	100	1
0	18A2103492	Lab	0	0	2	2	40	60	100	1
9	18A2102391	Essential of Electrical and Electronics Engineering Lab	0	0	2					1
		Total	18	0	06	2	40	60	100	1
			10	U	00	24	360	540	900	21

II YEAR II SEMESTER

SI.		Title of the Course	Scheme of Instruction (Periods Per Week)		Scheme of Examination (Maximum Marks)					
No	Course Code		L	T	P	Total	CIA	SEA	Total	No. of Credits
1	18A2200201	Mathematics-IV	3	0	0	3	40	60	100	3
2	18A2203401	Design of Machine Members-I	3	0	0	3	40	60	100	3
	18A2203402	Fluid Mechanics and Hydraulic Machines	3	0	0	3	40	60	100	
4	18A2203403	Kinematics of Machines	3	0	0	3	40	1		3
5	18A2203404	IC Engines and Gas Turbines	3	0	0	3	40	60	100	3
6	18A2203601 18A2203602	Open Elective –I i) Basics of Mechanical Engineering ii) Industrial Materials	3	0	0	3	40	60	100	3
7	18A2203301	Computer aided Machine Drawing (Internal)	2	0	3	5	40	60	100	1.5
8	18A2203491	Fluid Mechanics and Hydraulic Machines Lab	0	О	3	3	40	60	100	1
9	18A2203492	Thermal Engineering Lab	0	0	3	3	40	60	100)
10	18A2200801	Professional Ethics and Human Values	3	0	0	3	40	60	100	0
L	Total 23 0 9 33 400 600 10000 2						21.5			

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Ref.No: NRI/ECE/BoS/2019-20/01

Minutes of meeting for Board of Studies held on 25/5/2019

Time: 11.00 A.M

A meeting is held in the department with the members of Board of studies to finalize and approve the curriculum for regulation NRIA18 for B.Tech (ECE) and M.Tech (DECS)

- 1) Considered and approved the III semester and IV semester M.Tech(DECS) autonomous syllabus.
- 2) Considered and approved the course structure of B.Tech (Autonomous).
- 3) Considered and approved the syllabus of I and II semester of II B. Tech.
- 4) Considered and approved the open electives offered by ECE Department .
- 5) Discussed about suggestions and feedback taken from various stake holders(Alumini, parents, industry, employers students) regarding framing of the II B.Tech course structure to include internships projects etc
- 6) Considered and approved the subject wise panel of examiners for paper setting.
- 7) Considered and approved the subject wise list of evaluators for spot valuation.
- 8) Any other item with the permission of chairman

Prepared and submitted approved syllabus and list of evaluators to the chairman Board of studies and is authorized to submit the same to the principal in sealed cover for further processing.

Signature of Chairman

Board of Studies Head, ECE Department

NRI Institute of Technology POTHAVARAPPADU (Vill) Agiripalli (Mdl), Krishna Dist.

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Pothavarappadu (V), Via Nunna, Agiripalli (M), PIN-521 212.
Ph. 0806 - 2199666 Website: nrigroupofcolleges.com e-mail: prihitech@rediffmail.com

Dt.:13-09-2019

From

Dr. K. V. Sambasiva Rao, Chairman, BOS in CSE, Dean, Dept. of CSE, NRI Institute of Technology., Pothavarappadu, Agiripalli, Vijayawada – 521212

To

All the Internal BOS Members in CSE

Respected Sir Madam,

Sub: Meeting of the Internal Board of Studies in Computer Science and Engineering - Reg.

A meeting of the Internal Board of Studies in Computer Science and Engineering is convened on 13-09-2019, at 12.00 P.M. in the DEAN chamber, Department of Compute Science and Engineering, NRI Institute of Technology, Vijayawada-521212.

AGENDA

- 1. To discuss on the Autonomous Course Syllabus for II B. Tech II Semester program approved in Board of Studies.
- 2. To implement in II semester of 2019-20 and identify the requirements to adopt the syllabus
- 3. Any other item with the permission of the Chairman.

You are requested to make it convenient to attend the meeting.

BOS for B.Tech CSE

Copy to:

1. The Principal, NRI Institute of Technology, Agiripalli.

2. The Academic Officer, NRI Institute of Technology, Agiripalli.

3. To all the members of board of studies.

Head, CSE Department
Head, CSE Department
NRI Institute of Technology
NRI Institute of Technology
POTHAVARAPPADU (Vill)
POTHAVARAPPADU (Vill)
Agiripalli (Mdi.), Krishna Dist.

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Minuter of Meeting 22
Meting on 30 lulacto.
The following Members were Present in the meeting at 12:00 Pm.
meeting at 12:00 Pm.
1. 12. K.V. Sambasivalao chairman al
2. Dr. D. Sungetha Propos & HOD. Courte
E. Dr. D. Ratnakishore. Profesior. Oly
4 Dr. K. Swathi Professor Some
5 Dr. Ch. Sunya Kiran Projessos SX 6. Dr. K. Scwmya: Projessos SF
T. Mr. K. Vamsi Krishna Associpio
7. Mr. K. Vamst Krishna Associpio (19. Mr. P. Raghuveer. Associpio) (19. Mr. B. Rasaradha Ram. Associpio)
7. N.T. B. Wasaradha Nam
At the outset, the chairman of the
Bos has invited all the opinions
TENO: AICTE/AB/WR/EAT/2019-20 clated
20-12-2019
A long discussion on the following 3 typics were deliberated:
3 typics were deliberated.
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Distroctaction of B.E (Hons) in C.S.E. voith Specialisation in Various domains as mentioned in the letter given
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39



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Ph:0866 - 2469666 Website:nrigroupofcolleges.com e-mail:nrihitech@rediffmail.com

Dt: 11/02/2020

From

Dr. K.V. Sambasiva Rao. Chairman, BOS in CSE. Dean. Dept of CSE, NRI Institute of technology, Pothavarappadu, Agiripalli ,Vijayawada-521212

To, All the Internal BOS members in CSE.

Respected Sir/Madam,

Sub: Meeting of the Internal Board Of Studies in Computer Science And Engineering-Reg.

A meeting of the Internal Board Of Studies in Computer Science And Engineering is convened on 11/02/2020, at. 12.00 P.M in the DEAN chamber, Department of Computer Science And Engineering, NRI Institute of Technology, Vijayawada -521212.

AGENDA

- 1. To discuss on introduction of new Under Graduate Courses In Emerging Areas Of Technology.
- 2. Any other item with the permission of the Chairman.

You are requested to make it convenient to attend the meeting.

BOS for B.Tech CSE

Copy to:

1. The principal, NRI Institute of Technology, Agiripalli.

2. The Academic Officer, NRI Institute of Technology, Agiripalli.

3. To all the members of board of studies.

Head, CSE Department NRI Institute of Technology POTHAVAPAPPADU (VIII) Agiripalii (Mdl.), Krishna Dist.



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Ph:0866 - 2469666 Website:nrigroupofcolleges.com e-mail:nrihitech@rediffmail.com

Dt: 03/03/2020

From

Dr. K.V. Sambasiva Rao, Chairman, BOS in CSE, Dean, Dept. of CSE, NRI Institute of technology, Pothavarappadu, Agiripalli ,Vijayawada-521212

To, All the Internal BOS members in CSE.

Respected Sir/Madam,

Sub: Meeting of the Internal Board Of Studies in Computer Science And Engineering-Reg.

A meeting of the Internal Board Of Scudies in Computer Science And Engineering is convened on 03/03/2020, at. 12.00 P.M in the DEAN chamber, Department of Computer Science And Engineering, NRI Institute of Technology, Vijayawada -521212.

AGENDA

- 1. Review on Existing course contents & structure of B.Tech (cse) 3rd & 4th Semesters.
- 2. Review on the proposed course structure of B.Tech (cse) 5th & 6th Semesters.
- 3. Preparation of Course Contents for B. Tech 5th & 6th Semesters.
- 4. Any other matters with the permission of chairman.

You are requested to make it convenient to attend the meeting.

BOS for B.Tech CSE

Copy to:

1. The principal, NRI Institute of Technology, Agiripalli.

2. The Academic Officer, NRI Institute of Technology, Agiripalli.

3. To all the members of board of studies.

Head, County of Technology
NRI Institute of Technology
NRI



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Ph: 0866 - 2469666 Website: nrigroupofcolleges.com e-mail: nrihitech@rediffmail.com

Dt.: 13-09-2019

From Dr. K. Venkata Ramana, Chairman, BOS in IT, HOD, Dept. of IT, NRI Institute of Technology. Pothavarappadu, Agiripalli, Vijayawada – 521212

To All the Internal BOS Members in IT

Respected Sir/Madam.

Sub: Meeting of the Internal Board of Studies Meeting in Information Technology - Reg.

A meeting of the Internal Board of Studies in Information Technology convened on 13-09-2019, at 12.00 P.M. in the HOD chamber. Department of Information Technology, NRI Institute of Technology, Vijayawada – 521212.

<u>AGENDA</u>

- 1. To discuss on the Autonomous Course Syllabus for II B. Tech II Semester program approved in Board of Studies.
- To implement in II semester of 2019-20 and identify the requirements to adopt the syllabus.
- Any other item with the permission of the Chairman.

You are requested to make it convenient to attend the meeting.

NRI Institute of a class agy POTHAVARAPPADU (V)

Copy to:

- 1. The Principal, NRI Institute of Technology, Agir Agir Agir [M], Krishna Dist.
- 2. The Academic Officer, NRI Institute of Technology, Agiripalli.
- To all the members of Board of studies.



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Ph : 0866 - 2469666 Website : nrigroupofcolleges.com e-mail : nrihitech@rediffmail.com

Dt.: 03-03-2020

From

Dr. K. Venkata Ramana,

Chairman, BOS in IT,

HOD, Dept. of IT,

NRI Institute of Technology,

Pothavarappadu, Agiripalli, Vijayawada – 521212

To All the Internal BOS Members in IT

Respected Sir/Madam,

Sub: Meeting of the Internal Board of Studies Meeting in Information Technology - Reg.

A meeting of the Internal Board of Studies in Information Technology is convened on 03-03-2019, at 12.00 P.M. in the HOD chamber, Department of Information Technology, NRI Institute of Technology, Vijayawada – 521212.

AGENDA

- 1. Review on Existing course contents & structure of B. Tech (IT) 3rd & 4th Semesters.
- 2. Review on proposed course structure of B. Tech (IT) 5th & 6th Semesters.
- 3. Preparation of Course Contents for B. Tech 5th & 6th Semesters.
- 4. Any other matters with the permission of Chairman.

You are requested to make it convenient to attend the meeting.

CHAIRMAN
Head, BOSeproneth IT
NRI Institute of T chnology
POTHAVARAPI DU (V)
Agiripalli (M), Krishna Dist.

Copy to:

1. The Principal, NRI Institute of Technology, Agiripalli.

2. The Academic Officer, NRI Institute of Technology, Agiripalli.

3. To all the members of Board of studies.

for course advanced data structures and swapping of course cn, os, and DAA between 5th & 6th semesters. They modifications should be placed to foront of Extraval for further approval.

content of B. Tech 5th & 6th Semesters for preparing the

4. Discussed other items with permission of chairman.

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An Antonomous Institution Approved by AIC 11. Permanently Alfiliated to INTUK, (According to NAM with N. Londo and P.C. 2001). 2012 Considerations:

Pothavarappadu (N.). Via Norma. Agriculti (Mr. P19-521-212.

Ph. 0866—2360666 Website - argrappotentleges com

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

28/06/2019

From:

Dr.B.Hima Lakshml Chairman, BOS in M.B.A, Head, Dept of M.B.A, NRI Institute of Technology, Pothavarappadu, Agiripalli, Vijayawada-521212.

To,

All the BOS Members in M.B.A.

Sub:

Meeting of the internal Board of Studies in Master of Business Administration –Reg:-

A meeting of the Board of Studies in M.B.A Dept. will be held on 29/06/2019, at 2.30 P.M, in the H.O.D. Chamber, Department of MBA, NRI Institute of Technology, Vijayawada-521212.

AGENDA

- 1. To discuss the Autonomous Course structure for I M.B.A Program.
- 2. To discuss the Autonomous I MBA I SEMESTER Syllabus. With Stakeholders
- 3. To discuss the Autonomous I MBA II SEMESTER Syllabus. With Stake holders
- 4. To discuss the Autonomous MBA program Academic Regulations.
- 5. Any other item with the permission of the chairman.

Chairman

Head, MEA Department NRI Institute of Technology
POTHAVARAPPADU (VIII)

Aginpalli (Mdl), Krishna Dist

Copy to:

- 1. To the Principal, NRI Institute of Technology
- 2. The Academic Officer, NRI Institute of Technology
- 3. To all the members of Board of studies

508: Minutes of meeting of internal Bas meeting held
The following members were present in the meeting
J. St. 18: Hima dakshmi - Chairman - Tr. Hima dakshi 2. Dr. P. Vasavi - Member - P. Vasani 3. Dr. Ch. Hema V. S. Stee - Member - CHUV
At the order, the chairman invited the number to the internal BOS meeting and projected the agenda to the reflection of the members.
The tollowing discussions were made as per the items of the circulated agenda
Meeting Minuty:
I ten: 1:- Discussed about the Autonomorus conunge Structure for IMBA program.
Item: 2:- Discussed about the IMBA I Semester. Course Contint:
Item: 3:- Discussed about the IMBA II Sementia

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	- Vt. Hima Lakelii
	Head, MBA Department NRI Institute of Technology
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	Head, MBA Department NRI Institute of Tertinology POTHAVAHAPPADU(Vill)



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Ph : 0866 - 2469666 Website : nrigroupofcolleges com

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

04/07/2019

From:

Dr.B.Hima Lakshmi Chairman, BÖS in M.B.A, Head, Dept of M.B.A, NRI Institute of Technology, Pothavarappadu, Agiripalli, Vijayawada-521212.

To,

All the BOS Members in M.B.A

Sub:

Meeting of the internal Board of Studies in Master of Business Administration –Reg:-

A meeting of the Board of Studies in M.B.A Dept. will be held on 05/07/2019, at 2.30 P.M, in the H.O.D. Chamber, Department of MBA, NRI Institute of Technology, Vijayawada-521212.

AGENDA

- 1. To discuss and verify the Autonomous Course structure for M.B.A Program.
- 2. To discuss and verify the Autonomous I MBA I SEMESTER Syllabus. With Stakeholder
- 3. To discuss and verify the Autonomous I MBA II SEMESTER Syllabus. With Statcholder.
- 4. To discuss and verify the academic regulations of the M.B.A. Programme
- To identify the panel of examiners for the above courses.
- 6. Any other item with the permission of the chairman.

Chairman

Head, MBR OF FORMAR A
NRI Institute of Technology
POTHAVARA CONSTRUCTOR
ADDRESS OF THE STATE OF

Copy to:

1. To the Principal, NRI Institute of Technology

2. The Academie Officer, NRI Institute of Technology

3. To all the members of Board of studies

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Minutes of meeting of meleval 1305 meeting

The Holloway wenters were attached the needing

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6 C. P. Valen - Member - 1 Marie

3 Q. Ch. Hema - Member - Member - March

st the outset the chairman inclosined to members to the internal BOS meeting and prosphil the agenda to the deliberations

-The following deliberations were made as

Meeting Minutes

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	Head, MBA Department NRI Institute of Tr. 'nology POTHAVAR JOSHI' Agirpath (Mars., Arishna Dist

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Chairman Hanked The Board of Studies		
Members		
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Hood, MBA Department NRI Institute of Technology		
POTHAVARAP? - /(Vill) . Agripalli (Mdl) Oiel		
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SUBTECT :

Minutes of meeting of interdenal BOS meeting

The tollowing members were attended the meeting:

J. Dr. B. Hima lakshmi - Chairman - 75 Him dalsh

E. DL. Ch. Hema - Member - Coffill

3. Dr. P. Varavi - Member - PVara

He members of BOS to the intend BOS meeting and sore could the agenda for the deleberations.

per the items circulated in the agenda.

Meeting Minutes:

Thu: I:-

Course structure for IT MBA program.

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DEPARTMENT OF CIVIL ENGINEERING

Date: 24/06/2020

Sir / Madam,

Sub: Meeting of Board of Studies of Civil Engineering Department of NRI Institute of Technology (Autonomous), Pothavarappadu- 521212, Agiripalli Mandal, Vijayawada Rural.

This is to bring to your kind notice that Board of Studies meeting of Civil Engineering is planned to conduct on 01.07.2020 (Wednesday) at 11.00 AM through Online (ZOOM Meeting) due to Covid19 Pandemic. We plan to review the implementation of NRIA 18 curriculum for A.Y. 2020-21 for III year Syllabus meeting the requirements of curriculum from AICTE and APSCHE.

All are invited to the meeting.

With regards,

Yours sincerely

Hendsfære Department CIVIL ENGINEERING NRI Pratitute of Technology

POTTICUATIONALD

Circulate all internal BOS members of the department

	Member	s of faculty	
S.No	Name of the faculty	Designation	Signature
1	Mr.P.Narendra babu	Associate Professor	R
2	Mr. M.Ramachandra Rao	Associate Professor	FORE
3	Mr. M.Srinivas Phani kumar	Associate Professor	120
4	Mr.N.Rama Rao	Associate Professor	N. Perra P
5	Mr. B.Udaya Sankar	Associate Professor	CHAN
6	Mr. M.Siva Chennakesava Rao	Assistant Professor	S.Chlos
7	Mr. P.Srinivas	Assistant Professor	CP.
8	Mr. M. Anil Kumar	Assistant Professor	Augi kuno
9	Mr. M. Krishna Kumar	Assistant Professor	box ser and
10	Mrs. Asha Sedeg	Assistant Professor	#5

Head of The Department CIVIL ENGINEERING NRI Institute of Technology POTHAVARAPPADU.

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DEPARTMENT OF CIVIL ENGINEERING

Agenda of meeting

1. To Review the implementation of NRIA 18 curriculum for A.Y. 2020-21 for III B.Tech syllabus meeting the requirements of curriculum from AICTE and APSCHE.

Minutes of BOS held on 01-07-2020 at 11.00 A.M.

The following are the modifications done as per the committee suggestions

- 1. The Environmental Engineering syllabus is modified
- 2. In Professional Elective-II the structural divisional subject is added i.e., Green Buildings and sustainability
- 3. Modified the terms i.e., Explain etc., in Los
- 4. In Soil Mechanics the syllabus is combined in Unit-1 and consolidation concept as Unit-4
- 5. In foundation Engineering the design aspects and combined footing has been added in shallow foundations
- 6. Syllabus is modified in Highway Engineering as per the suggestions
- 7. Single bay, single store portal frames including sway is added for matrix methods in SA-II
- 8. Minor modifications are also completed as per the suggestions.

Prepared By

HOD

Head of The Department CIVIL ENGINEERING NRI Institute of Technology POTHAVARAPPADU.

BJ

Head of The Department CIVIL ENGINEERING NRI Institute of Technology POTHAVARAPPADU.

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DEPARTMENT OF CIVIL ENGINEERING

Board of Studies Committee Meeting on 01-07-2020

S.No	Name of the Committee Member	Designation	Signature
1	Mr.P. Narendra Babu	Associate Professor & HOD	But
2	Mr. M. Ramachandra Rao	Associate Professor	pre
3	Mr. M. Srinivas Phani Kumar	Associate Professor	1124
4	Mr. N. Rama Rao	Associate Professor	N. Porta P
5	Mr. B. Udaya Sankar	Associate Professor	Ma
6	Mr. M. Siva Chennakesava Rao	Assistant Professor	S. Chemis
. 7	Mr. P. Srinivas	Assistant Professor	P
8	Mr. M. Anil Kumar	Assistant Professor	CF.
9	Mr. M. Krishna Kumar	Assistant Professor	· Karke
10	Mrs. Asha Sedeq	Assistant Professor	Aghural



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Dt: 15-07-2020

From Dr. N. Sambasiva Rao Chairman, BoS in EEE Professor and Head, Dept. of EEE NRI Institute of Technology, Pothavarappadu, Agiripalli, Vijayawada

To All the BOS members of EEE

Respected Sir/Madam,

Sub: Meeting of the External Board of Studies in Electrical and Electronics Engieering-Reg.

A meeting of the Board of Studies in Electrical and Electronics Engineering Department will be held on 22-07-2020, at 12.00PM through online.

AGENDA

- 1. To discuss on introduction to new undergraduate courses in Emerging areas of Technology.
- 2. Any other item with the permission of the chairman.
- 3. Review on Existing course contents.
- 4. Review on proposed course structure(NRIA18) of III B. Tech (V and VI Semesters).
- 5. Preparation of course contents for III B. Tech (V and VI Semesters).
- 6. To discuss and to take feedback from various stakeholders (Alumni, Parents, Industry, Employers, Students) regarding framing of the III B.Tech course structure to include Internships, Projects etc.
- 7. Any other matters with the permission of chairman.

You are requested to make it convenient to attend the meeting.

BOS for B.Tech EEE

Dr. N. SAMBASIDA RAO

B.Tech, M.Tech, Ph.D, MISTE Head of the Department & Professor of EEE

Copy to:

1. The Principal, NRI Institute of Technology, Agiripalli.

2. The Academic Officer, NRI Institute of Technology, Agirirpalli.

3. To all the members of Board of Studies.

Minutes of Meeting

Subject: Minutes of meeting of BOS meeting held on 22-07-2020. The following members were present in the meeting

S.No.	Name of the Faculty	Designation	Signature
1	Dr. N. Sambasiva Rao	Chairman, Professor & HOD	Attended through Online
2	Mr. R. Raghunadha Sastry	Internal Member	Attended through Online
3	Mr. K. Venkata Kishore	Internal Member	Attended through Online
4	Mr. I. Prasanna Kumar	Internal Member	Attended through Online
5	Mr. B. Eedukondalu	Internal Member	Attended through Online
6	Mrs. S. Ramyaka	Internal Member	Attended through Online
7	Mr. K. Sravan Sai Kumar	Internal Member	Attended through Online
8	Mr. L. V. Mahesh Babu	Internal Member	Attended through Online
9	Mr. G. Devanand	Internal Member	Attended through Online

Resolutions:

- 1. The board members went through a review on existing course contents and structure of II B. Tech 3rd and 4th Semesters.
- 2. The board members went through a review on existing course contents and approved the structure of III B. Tech(NRIA18) 5th and 6th Semesters and suggested few changes.
- 3. All the members are allocated with the each course content of III B. Tech V and VI Semesters for preparing course content.
- 4. Taken feedback from various stake holders.
- 5. Discussed other items with permission of chairman.

Dissent: Nil

Dr. N. SAMBASIVA RAO B.Tech, M.Tech, Ph.D, MISTE

Head of the Department & Professor of EEE
NRI INSTITUTE OF TECHNOLOGY (KN)



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POTHAVARAPPADU (V), (VIA) NUNNA, AGIRIPALLI (M), VIJAYAWADA-PIN – 521212

DEPARTMENT OF MECHANICAL ENGINEERING

Minutes of Online meeting of Board of Studies (BOS) of Mechanical Engineering of NRI Institute of Technology (Autonomous) held on 09-07-2020 at 04:00 PM.

S.No.	Name of the Committee Member	Designation	Signature
1	Dr. K. PRASADA RAO	HOD &Prof. in ME, NRIIT, Agiripalli	attended though online
2	Dr. V. LAKSHMI KANTH	Associate Prof. in ME, NRIIT, Agiripalli	attended though online
3	Mr. R.VIJAY KRISHNA	Associate Prof. in ME,NRIIT, Agiripalli	attended though online
4	Mr.GSRN MALLESWARA RAO	Associate Prof. in ME, NRIIT, Agiripalli	attended though online
5	Mr.K.MANI KUMAR	Associate Prof. in ME, NRIIT, Agiripalli	attended though online
6	Mrs. T. HARITHA	Associate Prof. in ME, NRIIT, Agiripalli	attended though online
7	Mr. G. DURGA PRASAD	Associate Prof. in ME, NRIIT, Agiripalli	attended though online
8	Mr. V.MOHAN MANOJ GUPTA	Assistant Prof. in ME, NRIIT, Agiripalli	attended though online
9	Mr.K.VENKATESWARAREDDY	Assistant Prof. in ME, NRIIT, Agiripalli	attended though online
10	Ms.A.MADHURI	Assistant Prof. in ME, NRIIT, Agiripalli	attended though online
11	Mr. G. JITENDRA	Assistant Prof. in ME, NRIIT, Agiripalli	attended though online
12	Mr.ONVP BHAGAVAN KUMAR	Assistant Prof. in ME, NRIIT, Agiripalli	attended though online
13	Mr.S.VENKATESWARA RAO	Assistant Prof. in ME, NRIIT, Agiripalli	attended though online
14	Ms. K. BHARGAVI	Assistant Prof. in ME, NRIIT, Agiripalli	attended though online
15	Mr.G.GOPI CHAND BABU	Assistant Prof. in ME, NRIIT, Agiripalli	attended though online
16	Mr.N. RAJASEKHAR	Assistant Prof. in ME, NRIIT, Agiripalli	attended though online
17	Mr.K.SAI SANDEEP	Assistant Prof. in ME, NRIIT, Agiripalli	attended though online

-					
External BOS Members					
18	Dr. V. SRIKANTH	Professor, ME, IIT-Madras	attended though online		
19	Dr. N. MOHAN RAO	Professor, ME, JNTU- Kakinada	attended though online		
20	Dr. V.V.S.PRASAD	Professor Dept. of Marine Engineering, AndhraUniversity, Visakhapatnam.	attended though online		
21	Dr. A. VEERESH BABU	Associate Professor, ME, NIT-Warangal.	attended though online		
22	Mr.V. SAMSON DEVA KUMAR	Project Manager Software Development Center South Central Railways, Vijayawada– A.P	attended though online		
23	Mr. BNVSPM RAGHAV	Software Engineer, Tech Mahindra-Hyderabad	attended though online		

ITEM FOR NOTING

Item: 1.01 Noting and Welcoming the Members of Board of Studies

Resolutions

On behalf of the Management, Principal, Faculty Members of the Department and in particular the Internal members of Board of Studies in Department of Mechanical Engineering (ME) extends their hearty welcome to the external members of Board of Studies in the Department of Mechanical Engineering for attending this Online meeting to guide us for implementing the Autonomy of our Institution.

SECTION: 11

ITEM FOR CONSIDERATION

SYLLABUS MATTERS:

Item 2.1.1: To consider and approve the Third-year syllabus of UG Programme.

Examined and considered the syllabus for the following Courses of UG Programme (B.Tech-ME) Is Semester:

- 1. Design of Machine Elements-II
- 2. Dynamics of Machinery
- 3. Manufacturing Technology
- 4. Applied Thermodynamics
- 5. Indian Constitution
- 6. Open Elective II
 - 1. Introduction to Material Handling Equipment.
 - 2. Introduction to Robotics
- 7. Professional Elective I
 - 1. Rapid Prototyping
 - 2. Automation in Manufacturing
 - 3. Hydraulic and Pneumatic Systems
 - 4. Electric & Hybrid Vehicles
- 8. Machine Tools Lab
- 9. Theory of Machines Lab

2nd semester:

- 1. Heat Transfer
- 2. Instrumentation & Control Systems
- 3. Finite Element Methods
- 4. Operations Research
- 5. IPR and Patents
- 6. Open Elective III
 - 1. Mechatronics
- 2. Hydraulic and Pneumatic Systems
- 7. Professional Elective II

- 1. Computational Fluid Dynamics
- 2. Robotics
- 3. Non-Destructive Evaluation
- 4. Introduction to Material Handling Equipment
- 8. Heat Transfer Lab
- 9. Simulation Lab

Resolved to accept the syllabus proposed for the above Courses of 1st and 2nd Semesters of 3rd year B.Tech.with modifications as suggested by members. Feed back is also taken from various stake holders to include new courses in the course structure and discussed about the implementation of interships and projects.

EXAMINATION MATTERS:

ITEM 2.2.1: To consider and approve the subject panel of examiners for the Question Paper setting.

Considering the point of Preparing the panel of Examiners for paper setting of each subject, of First and Second semester of 3rdYear B. Tech in Mechanical Engineering (ME).

Resolved to accept the Board unanimously prepared the panel of Examiners for paper setting. The Head of the Department who is the Chairman of the Board is authorized to submit the same to the Principal in sealed cover for further process.

ITEM 2.2.2: To consider and approve the subject wise List of Valuators for spot Valuation

Considered the point of preparing the panel of Examiners for evaluation of each subject

papers of

first and second semesters of 3rdyear B.Tech in Mechanical Engineering.

Resolved to accept the Board unanimously prepared panel of Examiners for evaluation. The Head of the Department who is the Chairman of the Board is authorized to submit the same to the Principal in sealed cover for further process.

CHAIRMAN

BOS,
Head, Mechanical Department
NRI Institute of Technology
POTHAVARAPPADU (Vill)
Agiripalli (Mdl), Krishna Dist.



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DEPARTMENT OF MECHANICAL ENGINEERING

COURSE STRUCTURE FOR THIRD YEAR B.TECH PROGRAMME

III YEAR I – SEMESTER

S No	Course Code	Title of the Course	Scheme of Instruction (Periods per Week)		Total Scheme of Examination Contact (Maximum Marks)			No. of Credits		
			Lectu	Tutoria	Practi cal	Hours	CIA	SEA	Total	
1	18A3103601 18A3103602	Open Elective - II 1. Introduction to Material Handling Equipment. 2. Introduction to Robotics	3	0	0	3	40	60	100	3
2	18A3103401	Design of Machine Elements-II	3	0	0	3	40	60	100	3
3	18A3103402	Dynamics of Machinery	-3	0	0	3	40	60	100	3
4	18A3103403	Manufacturing Technology	3	0	0	3	40	60	100	3
5	18A3103404	Applied Thermodynamics	3	0	0	3	40	60	100	3
6	18A3103511 18A3103512 18A3103513 18A3103514	Professional Elective - I 1. Rapid Prototyping 2. Automation in Manufacturing 3. Hydraulic and Pneumatic Systems 4. Electric & Hybrid Vehicles	3	0	0	3	40	60	100	3
7	18A3100801	Indian Constitution	3	0	0	3	40	60	100	
L.	18A3103491	Machine Tools Lab	0	0	2	2	40	60	100	1
8	18A3103491 18A3103492	Theory of Machines Lab	0	0	2	2	40	60	100	1
10	18A3103492 18A3103791	Minor Project (Design and	0	0	2	2	40	60	100	1
		Fabrication) Total	21	0	8	29	400	600	1000	
Total credits 21								21		

ad, Mechanical Department, Mechanical Department, and Institute of Technology POTHAVARAPPADU(VIII)
Aniripehi (Mali), Krishna Dist.

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POTHAVARAPPADU (V), (VIA) NUNNA, AGIRIPALLI (M), VIJAYAWADA-PIN – 521212

DEPARTMENT OF MECHANICAL ENGINEERING

Minutes of Online meeting of Board of Studies (BOS) of Mechanical Engineering of NRI Institute of Technology (Autonomous) held on11-09-2020 at 03:00 PM for NRIA 20.

S.No.	Name of the Committee Member	Designation	Signature
1	Dr. K. PRASADA RAO	HOD &Prof. in ME, NRIIT, Agiripalli	Attended through Online
2	Dr. C. NAGA BHASKAR	PRINCIPAL &Prof. in ME, NRIIT, Agiripalli	Attended through Online
3	Dr.CH.SUKESH BABU	Prof. in ME, NRIIT, Agiripalli	Attended through Online
4	Dr.V.LAKSHMI KANTH	Associate Prof. in ME, NRIIT, Agiripalli	Attended through Online
5	Mr. R.VIJAY KRISHNA	Associate Prof. in ME, NRIIT, Agiripalli	Attended through Online
6	Mr.GSRN MALLESWARA RAO	Associate Prof. in ME,NRIIT, Agiripalli	Attended through Online
7	Mr.K. MANI KUMAR	Associate Prof. in ME,NRIIT, Agiripalli	Attended through Online
8	Mrs. T. HARITHA	Associate Prof. in ME, NRIIT, Agiripalli	Attended through Online
9	Mr. G. DURGA PRASAD	Associate Prof. in ME, NRIIT, Agiripalli	Attended through Online
10	Mr. V.MOHAN MANOJ GUPTA	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online
11	Ms.A.MADHURI	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online
12	Mr. G. JITENDRA	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online
13	Mr.ONVP BHAGAVAN KUMAR	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online
14	Mr.S.VENKATESWARA RAO	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online
15	Ms. K. BHARGAVI	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online
16	Mr.G.GOPI CHAND BABU	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online
17	Mr.K.SAI SANDEEP	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online

18	Mr.M.SYAM KUMAR	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online
	Extern	al BOS Members	
19	Dr.V.SRIKANTH	Professor,ME, IIT-Madras	Attended through Online
20	Dr. N. MOHAN RAO	Professor,ME, JNTU- Kakinada	Attended through Online
21	Dr. V.V.S.PRASAD	Professor Dept. of Marine Engineering, AndhraUniversity, Visakhapatnam.	Attended through Online
22	Dr. A. VEERESH BABU	Associate Professor, ME, NIT-Warangal.	Attended through Online
23	Mr.V. SAMSON DEVAKUMAR	Project Manager Software Development Center South Central Railways, Vijayawada– A.P	Attended through Online
24	Mr. BNVSPM RAGHAV	Software Engineer, Tech Mahindra-Hyderabad	Attended through Online

SECTION-I

ITEM FOR NOTING

Item: 1.01 Noting and Welcoming the Members of Board of Studies

Resolutions

On behalf of the Management, Principal, Faculty Members of the Department and in particular the Internal members of Board of Studies in Department of Mechanical Engineering (ME) extends their hearty welcome to the external members of Board of Studies in the Department of Mechanical Engineering for attending this Online meeting to guide us for implementing the Autonomy of our Institution.

SECTION:II

ITEM FOR CONSIDERATION

SYLLABUS MATTERS:

Item 2.1.1: To consider and approve the First year syllabus of NRIA20 UG Programme.

Examined and considered the syllabus for the following Courses of UG Programme (B.Tech-ME) Istyr Ist Semester:

- 1. Engineering Drawing
- 2. Engineering Graphics(for other branches)

Istyr 2nd semester:

1. Engineering Mechanics

2. Computer Aided Engineering Drawing

3. Workshop Practice Lab

Resolved to accept the syllabus proposed for the above Courses of 1st and 2nd Semesters of 1st year B.Tech. with modifications as suggested by members. Feed back is also taken from various stake holders to include new courses in the course structure and discussed about the implementation of interships and projects.

EXAMINATION MATTERS:

ITEM 2.2.1: To consider and approve the subject panel of examiners for the Question Paper setting. Considering the point of Preparing the panel of Examiners for paper setting of each subject, of First and Second semester of 1st Year B.Tech in Mechanical Engineering (ME).

Resolved to accept the Board unanimously prepared the panel of Examiners for paper setting. The Head of the Department who is the Chairman of the Board is authorized to submit the same to the Principal in sealed cover for further process.

ITEM 2.2.2: To consider and approve the subject wise List of Valuators for spot Valuation Considered

the point of preparing the panel of Examiners for evaluation of each subject papers of first and second semesters of 1st year B.Tech in Mechanical Engineering.

Resolved to accept the Board unanimously prepared panel of Examiners for evaluation. The Head of the Department who is the Chairman of the Board is authorized to submit the same to the Principal in sealed cover for further process.

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POTHAVARAPPADU (Vill)

Agiripalii (Mol), Krishna Dist

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Ref.No: NRI/ECE/BoS/2020-21/01

Minutes of meeting for Board of Studies held on 2/7/2020

Time: 5.00 P.M

An online meeting is held in the department with the members of Board of studies to finalize and approve the curriculum for regulation NRIA18 for B.Tech (ECE)

- 1) Considered and approved the III year and IV year course structure.
- 2) Considered and approved the syllabus of I and II semester of III B.Tech.
- 3) Considered and approved the titles of professional Electives and Open Electives offered by ECE Department.
- 4) IV -II seminar was included in Main Project.
- 5) IV-I, the candidate can do the 4 week internship /4 week two swayam courses /8 week one course will be allotted credits.
- 6) Discussed about suggestions and feedback taken from various stake holders(Alumini, parents, industry, employers, students) regarding framing of the II B.Tech course structure to include internships, projects etc
- 7) Considered and approved the subject wise panel of examiners for paper setting.
- 8) Considered and approved the subject wise list of evaluators for spot valuation.
- 9) Any other item with the permission of chairman

Prepared and submitted approved syllabus and list of evaluators to the chairman Board of studies and is authorized to submit the same to the principal in sealed cover for further processing.

Signature of Chairman

Board of Studies
Head, ECE Department
NRI Institute of Technology
POTHAVARAPPADU (Vill)
Agiripalli (Mdl), Krishna Dist.

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20:	20 =
Minutes of Kasting of Beard of St delectronics and Continuorication en NRI Sustitute of Technology (Andronon held on 2.7.2020 at 5/00 par in a Hode due to Continuorication The following members are precont in on line reco	W Freyton
1. Prf. K. Knishno Husty 2. Dr. V. vasudva Roo 3. Prf. A. Marikharjuna presad	ng
4. Prof. K. Ragherendre Roo 5. Dr. K. Dadona Raju 6. Dr. S. Soinirede Kuman T. Dr. P. Ramakdaswarelo	ent
- 8 Sout R. Samithe 9. B. V. R. V. Prasa of 16. EDV. V. Ramosh Boby 11. Sk. Abdul Rehimon 12. S. V. Ramosh Rob	nan RF
13 M.S.S.S. Soisvivedu	nan Jed
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19. SK. Ashmy Ali	ygy)



Autonomous

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Permanently Affiliated to UNTUK, Kakupada, ISO 9000 2015 Orabled
UGC Recognized u/s section 210, 12 (S)

Dr. K. V. Sambasiva Rao, Dean Dept. of CSE.

To The Members of BOS in Computer Science and Engineering

Respected Sir/Madam,

Sub: Meeting of the Board of Studies in Computer Science and Engineering - Reg

Thank you very much for giving your valuable inputs during our previous meetings. In this regard, I further request you to further give your valuable suggestions, feedback and time by attending a BOS meeting in Computer Science and Engineering on 04-07-2020, at 4.30 P.M. through Online meeting.

AGENDA

- To discuss and finalize the 1st Year Autonomous Course Structure for newly introduced.
 B.Tech CSE (Data Science) program.
- 2. To discuss and finalize the 1st Year Autonomous Course Structure for newly introduced B.Tech CSE (Artificial Intelligence and Machine Learning) program.
- 3. To discuss and finalize the B.Tech III Year (1 & II Semesters) Course Contents.
- 4. To discuss and finalize the list of B. Tech Open Electives to be offered by CSP Department.
- 5. To identify and approve the panel of examiners for the above courses.
- 6. Any other item with the permission of the Chairman.

You are requested to make it convenient to attend the meeting.

-CHAIRLAN BOS for R. Tach CSE

Enclosed: The draft copies of items 1,2,3,4

Copy to:

1. The Principal, NRI Institute of Technology, Agiripalh.

2. The Academic Officer, NRI Institute of Technology, Agicipalli.

3. To all the members of Board of studies.

Communicated through: Email, Whatsapp

Pothavarappadu (V), Via Nunna, Agiripalli (M), Krishna Dt., Andhra Pradesh - 521 212. Ph: 0866 - 2469666 Website: nrigroupofeolleges.com e-mail: nribasch@reditlmail.com

NRT Institute of Technology
70 POTHAVARAPPADU (Vill)
Agiripalli (MdL), Krishna Dist.

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Sub: Minutes of Meeting meeting on 30/6/2020	of Internal Bos
meeting on 30/6/2020	allocated approximate and a simulation of the second secon
Companies Angelle Companies An	a distribution to the section to the section of the
The tollowing member	s were present in
the following member the meeting at 4.	30 PM.
Extended to the second of the	The company of the co
1. K.V. Samba Siva Rao	Chairman (9)
2. Dr.D. Sunretha	Professor & HOD (Side
3. Dr. D. Ratna Kishore	Profess or
4. Dr. K. Swathi	Professor & wiots
5. Dr. Ch. Surya Kiran	Professor or
& Brokinsbowny Vapos	
6. Mr. P. Raghuveer	Assoc. Professor
7. Mr. B. Dasaradha Ram	Assoc. Professor.
8. Dr. K. Solomya	. Professor Somps
9. Dr.J.V.R. Murthy	Professor.
10. Dr. Ch. Aswani Kumau	Professor & Hood
11. Dr.R.B.V. Subbramanyam	Professor
12. Dr.D. Rajyalakshmi	Professor WHOD
13. Dr. G. Vaia Prasad	Assoc. Profef
	Professor
15. Dr. Sudhir Reddy (Infosts)	Industry Expert.
16. Mrs A. Sri Lakshmi	Member.
17. Dr.C. Naga Bhaskar	Principal
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Dt: 19/11/2020

From

Dr. K.V. Sambasiva Rao. Chairman, BOS in CSE. Dean, Dept. of CSE, NRI Institute of technology, Pothavarappadu, Agiripalli ,Vijayawada-521212

To,

All the Internal BOS members in CSE.

Respected Sir/Madam,

Sub: Meeting of the Internal Board Of Studies in Computer Science And Engineering-Reg.

A meeting of the Internal Board Of Studies in Computer Science And Engineering is convened on 20/11/2020, at. 11.30 A.M in the DEAN chamber, Department of Computer Science And Engineering, NRI Institute of Technology, Vijayawada -521212.

AGENDA

- 1. To discuss on the Autonomous course structure for I B. Tech program courses CSE, IT, Artificial Intelligence & Machine Learning and DataScience that should be inline with AICTE and APSCHE.
- 2. Any other item with the permission of the chairman.

You are requested to make it convenient to attend the meeting.

IAIRMAN BOS for B. Tech CSE

1. The principal, NRI Institute of Technology, Agiripalli.

Head, CSE Department 2. The Academic Officer, NRI Institute of Technology, Agiripall 3. To all the members of board of studies.

WRI Institute of Technology BOTHAVARAPPADU (VIII) ALL Krishna Dist.

Minutes of meeting
Sub! Minuites of Meeting of Internal
Sub! Minutes of Meeting of Internal Bos Meeting on 11/61/2021
The following members were present in the meeting at 2:00 pm
in the meeting at 2:00 Pm
1. Dr. K. V. Sambasiva Rao Chairman 2. Dr. D. Sungetha Ponform Hope
3. Dr. D. Katha Kinhoro Professor 12mg
4. Drik, Swathi Professor. one
5 Dr. Ch. Surya Koran Professor by
- 6 Mr. P. Raghuveer Axoc. Professor
-7 MV. B. Dasaradha Ram Auoc. Professor
de the outset the chairman welcomed
the members to the meeting of
internal Bos and placed the agenda
for the deliberations, of the members. The following deliberations were made
Tomany curions were made
I) ide the members have accepted
to stollow the course structure de
directed by both APSCHE and JNTVK.
for the first year B. Tech. as NRIA-20 Regul
2) A brainstonning begins
2) d brainstorming session was conducted to identify the 1st year B. Tech Course Structure in concurrence with
Course structure in concurrence with
AICTE
3 7 + 11 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2
3) It is accepted to follow the new
74



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Ph:0866 - 2469666 Website:nrigroupofcolleges.com e-mail:nrihitech@rediffmail.com.

Dt:22/01/2021

From

Dr. K.V. Sambasiva Rao, Chairman, BOS in CSE, Dean, Dept. of CSE, NRI Institute of technology, Pothavarappadu, Agiripalli ,Vijayawada-521212

To,

All the Internal BOS members in CSE.

Respected Sir/Madam,

Sub: Meeting of the Internal Board of Studies in Computer Science and Engineering-Reg.

A meeting of the Internal Board of Studies in Computer Science and Engineering is convened on 23/01/2021, at. 02.00 A.M in the DEAN chamber, Department of Computer Science And Engineering, NRI Institute of Technology, Vijayawada -521212.

AGENDA

- 1. To discuss and review the course structure for Ist B. Tech program courses CSE, Artificial Intelligence & Machine Learning and Data Science as suggested by Internal BOS members.
- 2. To discuss and suggest the Course contents for the courses as part of Ist year.

You are requested to make it convenient to attend the meeting.

BOS for B.Tech CSE

Copy to:

1. The principal, NRI Institute of Technology, Agiripalli.

2. The Academic Officer, NRI Institute of Technology, Agiripalli.

3. To all the members of board of studies.

NRI Institute of Technology POTHAVARAPPADU (VIII) Agiripalli (Mdl.), Krishna Dist.

An Autonomous Institution, Permanently Affiliated to JNTUK, Kakinada (Accredited NAAC with "A" Grade and ISO 9001:2015 Certified Institute) Pothavarappadu (V), Via Nunna, Agiripalli (M), PIN-521 212.

0866 - 2469666 Website: nrigroupofcolleges.com e-mail: nrihitech@rediffmail.com

Dr.M.Chaitnaya Kishore Reddy, HOD

Dept. of IT

Dt.: 30-06-2020

To

The Members of BOS in Information Technology

Respected Sir/Madam,

Sub: Meeting of the Internal Board of Studies Meeting in Information Technology – Reg.

Thank you very much for giving your valuable inputs during our previous meetings. In this regard, I further request you to further give your valuable suggestions. feedback and time by attending a BOS meeting in Information Technology on 04-07-2020, at 4.30 P. M. through Online meeting.

AGENDA .

- 1. To discuss and finalize the B. Tech III Year (I & II Semesters) Course Contents.
- 2. To discuss and finalize the list of B. Tech Open Electives to be offered by IT Department.
- 3. To identify and approve the panel of examiners for the above courses.
- 4. Any other items with the permission of the chairman.

You are requested to make it convenient to attend the meeting.

Enclosed: The draft copies of items 1,2,3,4

Sfor B. Tech Ja ogy

POTHAVARAP

Agiripalli (M), Krishna Dist

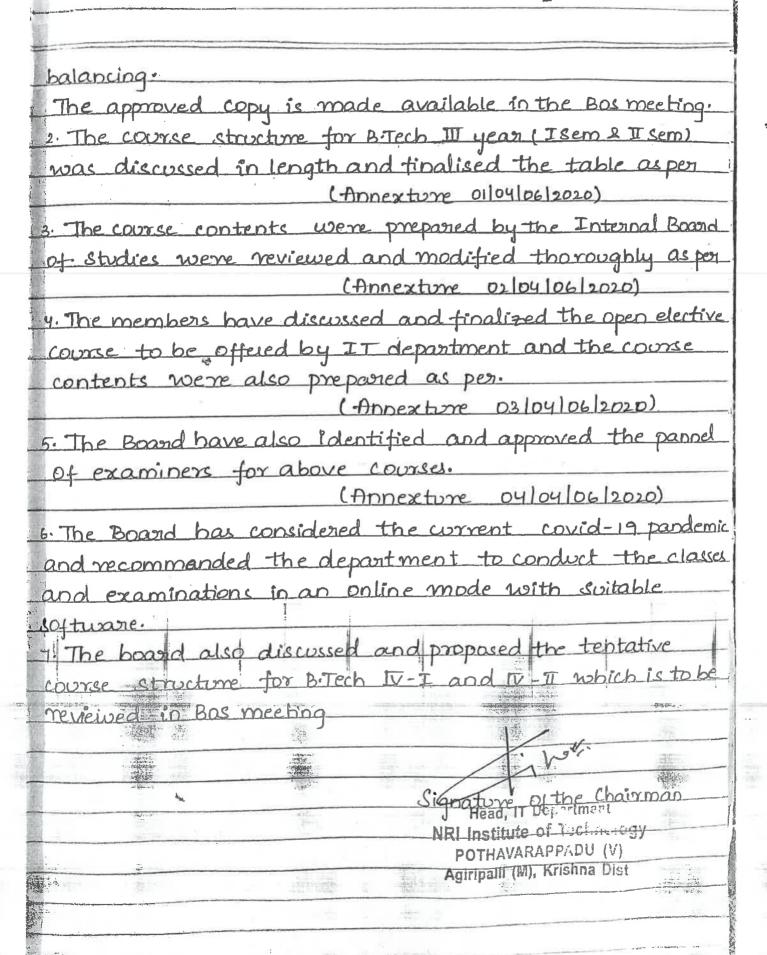
Copy to:

1. The Principal, NRI Institute of Technology, Agiripalli.

2. The Academic Officer, NRI Institute of Technology, Agiripalli.

3. To all the members of Board of studies.

Communicated through: Email, Whatsapp



Subject: Minutes of meeting of Internal BOS meeting on
The following members were present in the meeting at 11:30 AM 1. Dr. M. chaitany a kishore Reddy-Professor & +10D - There
: Mr. B. B. k. Brasad - Associate Professor-Look
3. Mr. Sk. Mahaboob Basha - Associate Professor - Mooto
4. Mr. B. Naga Raju - Assistant Professor - Pant
At the outset, the Chairman welcomed the members to the meeting of Internal Bos and placed the agenda for the deliberations, Of the members. The following deliberations were made as per the items of the circulated agenda. ITEM!: The board members went through the autonomous course structure for I. BIECH Program courses and proposed.
a new structure i'e inline with AICTE & APSCHE I BiTech
TT
- Long
Signature of the chairman
Head, It Department
NRI Institute of Technology POTHAVARAPPADU (V)
Agiripalli (M), Krishna Dist

jubject: Minutes of meeting of Internal Bos meeting (on
The following members were present in the meeting at: 1. Dr.M. Chaitanya kishore Reddy - Professor & HOD - Live 1 2. Mr. B.B. K. Prasad - Associate Professor - Mar. ck. Mchaboob Basha - Associate Professor - Hoef 4. Mr. B. Naga Rajo - Assistant Professor - Professor	2:00 PM
At the outset, the chairman welcomed the members - meeting of Internal Bos and placed the agenda for deliberations of the members.	to the
The following deliberations were made 1. All the members have accepted to follow the cours structure as directed by both APSCHE & TNTUK; first year B. Tech as NRIA - 20 Regulation. 2. A brain storming session was conducted to identif 1st year B. Tech course structure in concurrence with	the backer
2. It is accepted to follow the new corriculum toron coment accedence year 2020-2021 as NRIA-20. 1. It is accepted to follow the internal to external rational	llowing
Staff members. 1. Programming and Problem Solving with 'c' 2. Programming and Problem Solving with 'c' lab 3. Computer Engineering workshop	
4. Oops through JAVA 5. Oops through JAVA lab 6. Data Structures.	Political Control of the Control of

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Ph: 0866 - 2469666 Website: nrigroupofcolleges.com e-mail: nrihitech@rediffmail.com

Dt.: 22-01-2021

From

Dr. M. Chaitanya Kishore Reddy, Chairman, BOS in IT, HOD, Dept. of IT, NRI Institute of Technology, Pothavarappadu, Agiripalli, Vijayawada - 521212

To All the Internal BOS Members in IT

Respected Sir/Madam,

Sub: Meeting of the Internal Board of Studies Meeting in Information Technology - Reg.

A meeting of the Internal Board of Studies in Information Technology is convened on 22-01-2021, at 2.00 A.M. in the HOD chamber, Department of Information Technology, NRI Institute of Technology, Vijayawada - 521212.

AGENDA

- To discuss and review the course structure for 1st B. Tech program course IT as suggested by Internal BOS members
- 2. To discuss and the suggest the course contents for the courses as part of 1st year-

You are requested to make it convenient to attend the meeting.

HAIRMAN BOS for B. Tech IT -

Head, IT Department NRI Institute of Technology

Copy to:

1. The Principal, NRI Institute of Technology, Agiripalli Agiripalli (M), Krishna Dist. The Academic Officer, NRI Institute of Technology, Agripalli.

To all the members of Board of studies.



(Via) Nunna, Agiripalli (M),

Vijayawada (Rural) - 521 212,

Krishna District, A.P., INDIA

NRI INSTITUTE OF TECHNOLOGY

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Ph: 0866 - 2469665, 0866 - 2469666

e-mail: principal@nriit.edu.in

URL: www.nriit.edu.in

Date: 06/11/2021

To Dr. H. Sudarsana Rao, Professor, Department of Civil Engineering, JNTU-Ananthapur.

> Sub: Meeting of Board of Studies of Civil Engineering Department of NRI Institute of Technology (Autonomous), Pothavarappadu- 521212, Agiripalii Mandal, Vijayawada Rural.

Sir.

This is to bring to your kind notice that Board of Studies meeting of Civil Engineering is planned to conduct on 09.11.2021 (Tuesday) at 11:00 AM through virtual mode. We plan to review the Syllabus II-I & II-II year of NRIA 20 curriculum for A.Y. 2021-22.

We request you to make it convenient to attend the meeting. With regards,

Yours sincerely,

P.NARENDRA BABU

HOD, CE

Head of The Department CIVIL ENGINEERING NRI Institute of Technology POTHAVARAPPADU.

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Pothavarappadu (V),

(Via) Nunna, Agiripalli (M),

Krishna District, A.P., INDIA

Vijayawada (Rural) - 521 212,

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e-mail: principal@nriit.edu.in

URL: www.nriit.edu.in

Date: 06/11/2021

To Dr. C.S.R.K. PRASAD Prof. in Civil Engg. Department, National Institute of Technology, WARANGAL - 560 004.

> Sub: Meeting of Board of Studies of Civil Engineering Department of NRI Institute of Technology (Autonomous), Pothavarappadu- 521212, Agiripalli Mandal, Vijayawada Rural.

Sir,

This is to bring to your kind notice that Board of Studies meeting of Civil Engineering is planned to conduct on 09.11.2021 (Tuesday) at 11:00 AM through virtual mode. We plan to review the Syllabus II-I & II-II year of NRIA 20 curriculum for Academic Year 2021-22.

We request you to make it convenient to attend the meeting. With regards,

Yours sincerely,

P.NARENDRA BABU HOD, CE

MAL . Politica and

Adiabali (M), Klains Wi AP India-521

Head of The Department CIVIL ENGINEERING NRI Institute of Technology POTHAVARAPPADU.



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URL: www.nriit.edu.in

Pothavarappadu (V), (Via) Nunna, Agiripalli (M), Vijayawada (Rural) - 521 212, Krishna District, A.P., INDIA

Date 06/11/2021

To

Dr. V. Ravindra,

Director, Academic Audit
JNTU-Kakinada

Sub: Meeting of Board of Studies of Civil Engineering Department of NRI Institute of Technology (Autonomous), Pothavarappadu- 521212, Agiripalii Mandal, Vijayawada Rural.

Sir,

This is to bring to your kind notice that Board of Studies meeting of Civil Engineering is planned to conduct on 09.11.2021 (Tuesday) at 11:00 AM through virtual mode. We plan to review the Syllabus II-I & II-II year of NRIA 20 curriculum for A.Y. 2021-22.

We request you to make it convenient to attend the meeting. With regards,

Yours sincerely,

P.NARENDRA BABU HOD, CE

NRI INSTITUTE OF TELEHOLOG Pothavereppede(V), (Vio Non-Agicipalli (M), Krishna (E) All India-521218

BA

Head of The Department CIVIL ENGINEERING NRI Institute of Technology POTHAVARAPPADU



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POTHAVARAPPADU (V), (via) Nunna, Agiripalli (M), Krishna District, A.P., PIN: 521 212

Ph: 08656-324999 Website: nrigroupofcolleges.com e-mail: nrigroupofcolleges@gmail.com

DEPARTMENT OF CIVIL ENGINEERING

Date: 08/11/2021

Sir / Madam,

Sub: Meeting of Board of Studies of Civil Engineering Department of NRI Institute of Technology (Autonomous), Pothavarappadu- 521212, Agiripalii Mandal, Vijayawada Rural.

This is to bring to your kind notice that Board of Studies meeting of Civil Engineering is planned to conduct on 09.11.2021 (Tuesday) at 11:00 AM through virtual mode. We plan to review the implementation of NRIA 20curriculum for A.Y. 2021-22 for II year Syllabus meeting the requirements of curriculum from AICTE and APSCHE.

All are invited to the meeting. With regards,

Yours sincerely.

(P.NARENDRA BABU)

Head of Has Papartment

CIVIL ENGINEERING

NRI Institute of Technology

POTHAVARAPPADU.

Circulate all internal BOS members of the department

S.No.	Name of the Faculty	Designation	Signature
J.NO.	1101110	Chairman	
1.	P. Narendra Babu	Associate Professor & HOD	- But
1.	Memb	ers of the Faculty	
2.	Mr. M. Rama Chandra Rao	Associate Professor	tweez_
3.	Mr. M. Srinivas Phani Kumar	Associate Professor.	138
4.	Mr.N.Rama Rao	Associate Professor	MEZ
5.	Mrs. Asha Sedeq	Assistant Professor	
6.	Mr. M.Siva Chennakesava Rao	Assistant Professor	Mille
7.	Mr. M. Krishna Kumar	Assistant Professor	200m
8.	Mr. P. Srinivas	Assistant Professor	(4)
9.	Mr. K. Raga Sai	Assistant Professor	-
10.	1	Assistant Professor	REY.
	Mr.G.S.R.K.Dinesh	Assistant Professor	6. Dures

34

Head of The Department CIVIL ENGINEERING NRI Institute of Technology POTHAVARAPPADU.

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DEPARTMENT OF CIVIL ENGINEERING

Agenda of meeting

1. To Review the implementation of NRIA 20 curriculum for A.Y. 2021-22 for II year syllabus meeting the requirements of curriculum from AICTE and APSCHE.

Minutes of BOS held on 09-11-2021 at 11.00 A.M.

The Following modifications done as per the committee suggestion

- 1. The tentative course structure of NRIA 20 has revised and finalized as follows
- 2. For the II year course syllabus has reviewed and finalized by taking into the suggestions given by academic council
- 3. The credits and lecture hours are adjusted accordingly in the course structure
- 4. The course outcomes are redefined with respect to blooms taxonomy
- 5. Minor modifications are also completed as per the suggestions given by BOS Committee

Prepared By

Hod Hear The Department CIVIL ENGINEERING NRI HASTIMITE OF TECHNOLOGY FULLIAVARAPPADU.

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Head of The Department CIVIL ENGINEERING NRI Institute of Technology

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DEPARTMENT OF CIVIL ENGINEERING

Board of Studies Committee Meeting on 09-11-2021

S.No	Name of the Committee Member	Name of the Committee Member Designation		nmittee Member Designation Si				ember Designation Signat				me of the Committee Member Designation	
1	Mr.P. Narendra Babu	Associate Professor & HOD	By										
2	Mr. M. Ramachandra Rao	Associate Professor	W.										
3	Mr. M. Srinivas Phani Kumar	Associate Professor	114										
4	Mr. N. Rama Rao	Associate Professor	N. Forme Pr										
5	Mrs. Asha Sedeq	Assistant Professor	Ala sed										
6	Mr. M. Siva Chennakesava Rao	Assistant Professor	8.C. Kael										
7	Mr. M. Krishna Kumac	Assistant Professor	A2										
R	Mr. P. Srinivas	Assistant Professor	Q-										
9	Mr. K. Raga Sai	Assistant Professor	K. & Rai										
10	Mr. R.H. Phanindra	Assistant Professor	Phin										
11	Mr. G.S.R.K. Dinesh	Assistant Professor	Benest										



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e-mail: principal@nriit.edu.in

URL: www.nriit.edu.in

Pothavarappadu (V), (Via) Nunna, Agiripalli (M), Vijayawada (Rural) - 521 212, Krishna District, A.P., INDIA

Date: 16/09/2021

To
Dr. H. Sudarsana Rao,
Professor,
Department of Civil Engineering,
JNTU-Ananthapur.

Sub: Meeting of Board of Studies of Civil Engineering Department of NRI Institute of Technology (Autonomous), Pothavarappadu- 521212, Agiripalii Mandal, Vijayawada Rural.

Sir,

This is to bring to your kind notice that Board of Studies meeting of Civil Engineering is planned to conduct on 20.09.2021 (Monday) at 10.00 AM through virtual mode. We plan to review the Syllabus IV-I & IV-II year of NRIA 18 curriculum for A.Y. 2021-22.

We request you to make it convenient to attend the meeting. With regards,

Yours sincerely,

P.NARENDRA BABU

Head of the Department

NRI INSTITUTE OF TECHNOLOGY Pothavareppadu(V), (Via Nunna) Agiripalli (M), Krishna (Dt) AB India:521212

By

Head of The Department CIVIL ENGINEERING NRI Institute of Technology POTHAVARAPPADU.

87



Pothavarappadu (V),

(Via) Nunna, Agiripalli (M),

Vijayawada (Rural) - 521 212,

Krishna District, A.P., INDIA

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e-mail: principal@nriit.edu.in

URL: www.nriit.edu.in

Date: 16/09/2021

To Dr. C.S.R.K. PRASAD Prof. in Civil Engg. Department, National Institute of Technology, WARANGAL – 560 004.

Sub: Meeting of Board of Studies of Civil Engineering Department of NRI Institute of Technology (Autonomous), Pothavarappadu- 521212, Agiripalli Mandal, Vijayawada Rural.

Sir,

This is to bring to your kind notice that Board of Studies meeting of Civil Engineering is planned to conduct on 20.09.2021 (Monday) at 10.00 AM through virtual mode. We plan to review the Syllabus IV-I & IV-II year of NRIA 18 curriculum for A.Y. 2021-22.

We request you to make it convenient to attend the meeting. With regards,

Yours sincerely,

P.NARENDRA BABU
Head of the Department

NRI INSTITUTE OF TECHNOLOGY Pothevarappadu(V), (Via Nunna) Agiripalli (M), Krishna (Dt) AP India-521212

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Head of The Department CIVIL ENGINEERING NRI Institute of Technology POTHAVARAPPADU.





Pothavarappadu (V),

(Via) Nunna, Agiripalli (M),

Vijayawada (Rural) - 521 212,

Krishna District, A.P., INDIA

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e-mail: principal@nriit.edu.in

URL: www.nriit.edu.in

Date: 16/09/2021

To Dr. V. Ravindra, Director, Academic Audit JNTU-Kakinada

> Sub: Meeting of Board of Studies of Civil Engineering Department of NRI Institute of Technology (Autonomous), Pothavarappadu- 521212, Agiripalii Mandal, Vijayawada Rural.

Sir,

This is to bring to your kind notice that Board of Studies meeting of Civil Engineering is planned to conduct on 20.09.2021 (Monday) at 10.00 AM through virtual mode. We plan to review the Syllabus IV-I & IV-II year of NRIA 18 curriculum for A.Y. 2021-22.

We request you to make it convenient to attend the meeting. With regards,

Yours sincerely,

P.NARENDRA BABU

Head of the Department

NRI INSTITUTE OF TECHNOLOGY Pothavarappadu(V), (Via Nunna) Agiripalli (M), Krishna (Dt) - AP India-521212

Head of The Department CIVIL ENGINEERING NRI Institute of Technology POTHAVARAPPADU.



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Ph: 08656-324999 Website: nrigroupofcolleges.com e-mail: nrigroupofcolleges@gmail.com

DEPARTMENT OF CIVIL ENGINEERING

Date: 16/09/2021

Sir / Madam,

Sub: Meeting of Board of Studies of Civil Engineering Department of NRI Institute of Technology (Autonomous), Pothavarappadu- 521212, Agiripalii Mandal, Vijayawada Rural.

This is to bring to your kind notice that Board of Studies meeting of Civil Engineering is planned to conduct on 20.09.2021 (Monday) at 10.00 AM through virtual mode. We plan to review the implementation of NRIA 18 curriculum for A.Y. 2020-21 for IV year Syllabus meeting the requirements of curriculum from AICTE and APSCHE.

All are invited to the meeting. With regards,

Yours sincerely,

(P.NARENPRALABU)

CIVHODEEGIN TECHNOLOGY

NRI Institute of Technology

POTHAVARAPPADU

Circulate all internal BOS members of the department

S.No.	Name of the Faculty	Signature	
	'a	Chairman	,
1.	P. Narendra Babu	Associate Professor & HOD	Bry
	Memb	ers of the Faculty	
2.	Mr. M. Rama Chandra Rao	Associate Professor	m
3.	Mr. M. Srinivas Phani Kumar	Associate Professor	9149
4.	Mr.N.Rama Rao	Associate Professor	(2)
5.	Mrs. Asha Sedeq	Assistant Professor	Anha
6.	Mr. M.Siva Chennakesava Rao	Assistant Professor	Milary
7.	Mr. M. Krishna Kumar	Assistant Professor	A.
8.	Mr. P. Srinivas	Assistant Professor	(do 1
9.	Mr. K. Raga Sai	Assistant Professor	CO.
10.	Mr. R.B.Phanindra	Assistant Professor	The
11.	Mr.G.S.R.K.Dittesh	Assistant Professor	Grainesh

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DEPARTMENT OF CIVIL ENGINEERING

Agenda of meeting

1. To Review the implementation of NRIA 18 curriculum for A.Y. 2021-22 for IV year syllabus meeting the requirements of curriculum from AICTE and APSCHE.

Minutes of BOS held on 20-09-2021 at 11.00 A.M.

The Following modifications done as per the committee suggestions

- 1. The credits and lecture hours are adjusted accordingly in the course structure
- 2. The course outcomes are redefined with respect to blooms taxonomy
- 3. Modified the course title of Estimation & Costing as Quantity Surveying & Public Works
- 4. In Quantity Surveying & Public works the syllabus of unit-II is added to Unit-IV and rate analysis content in Unit-4 is shifted to Unit-II
- 5. In "Environmental Impact Assessment", Unit-IV syllabus is framed for Unit-I and Unit-1 syllabus is framed for Unit-IV
- 6. For 'Evaluation of Project-1 & Seminar Internship', Committee is framed consisting of two faculty members and Head of the Department
- 7. Syllabus is modified in "Civil Infrastructure for Smart City Development" as per the suggestions
- 8. Modified the course title of "Road safety as Road Safety Engineering"
- 9. Syllabus is revised for the course "Geo-synthetics" as per the suggestions
- 10. Syllabus is revised for the course "Urban Transportation Planning" as per the suggestions
- 11. Evaluation process for Project-II" is included
- 12. Minor modifications are also completed as per the suggestions given by BOS Committee

Prepared By

Head of The Department CIVIL ENGINEERING NRI Institute of Technology POTHAVARAPPADU.

> Head of The Department CIVIL ENGINEERING NRI Institute of Technology POTHAVARAPPADU

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DEPARTMENT OF CIVIL ENGINEERING

Board of Studies Committee Meeting on 20-09-2021

S.No	Name of the Committee Member	Designation	Signature
1	Mr.P. Narendra Babu	Associate Professor & HOD	BA
2	Mr. M. Ramachandra Rao	Associate Professor	pup
3	Mr. M. Srinivas Phani Kumar	Associate Professor	NA
4	Mr. N. Rama Rao	Associate Professor	N. Porra PE
5	Mrs. Asha Sedeq	Assistant Professor	Ash Sal
6	Mr. M. Siva Chennakesava Rao	Assistant Professor	Sef-
7	Mr. M. Krishna Kumar	Assistant Professor	0
8	Mr. P. Srinivas	Assistant Professor	4
9	Mr. K. Raga Sai	Assistant Professor	X. Rg
10	Mr. R.H. Phanindra	Assistant Professor	from 13
11	Mr. G.S.R.K. Dinesh	Assistant Professor	orstk



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Dt: 04-08-2021

From
Dr. N. Sambasiva Rao
Chairman, BoS in EEE
Professor and Head, Dept. of EEE
NRI Institute of Technology,
Pothavarappadu, Agiripalli, Vijayawada

To All the BOS members of EEE

Respected Sir/Madam,

Sub: Meeting of the Internal Board of Studies in Electrical and Electronics Engineering-Reg.

Thank you very much for giving your valuable inputs during the last meeting conducted virtually on 22-07-2020.

In continuation to our earlier BOS meeting, I request you to participate in the BOS meeting to be conducted virtually on 11-08-2021, at 02.00PM and extend your valuable suggestions.

AGENDA

- 1. To discuss and prepare the NRIA18 B. Tech IV Year (I and II Semesters) course contents of NRIA18 Regulation.
- 2. To discuss and prepare the list of B Tech open electives to be offered by the EEE Department.
- 3. To identify and approve the panel of examiners for the above courses.
- 4. To discuss and to take feedback from various stakeholders(Alumni, Parents, Industry, Employers, Students) regarding framing of the IV B.Tech course structure(NRIA18) to include Internships, Projects etc.
- 5. Any other item with the permission of chairman.

You are requested to make it convenient to attend the meeting.

CHAIRMAN
BOS for B.Tech EEE

Copy to:

1. The Principal, NRI Institute of Technology, Agiripalli.

B.Tach, M.Tech, Ph.D, MISTE Head of the Department & Professor of EEE

Dr. N. SAMBASIMA RAO

2. The Academic Officer, NRI Institute of Technology, Agirirpalli. INSTITUTE OF TECHNOLOGY (KN)

3. To all the members of Board of Studies.

Communicated to all members through: Email and Whatsapp

Minutes of Meeting

Subject: Minutes of meeting of BOS meeting held on 11-08-2021. The following members were present in the meeting

S.No.	Name of the Faculty	Designation	Signature
1	Dr. N. Sambasiva Rao	Chairman, Professor & HOD	Attended through Online
2	Mr. R. Raghunadha Sastry	Internal Member	Attended through Online
3	Mr. K. Venkata Kishore	Internal Member	Attended through Online
4	Mr. I. Prasanna Kumar	Internal Member	Attended through Online
5	Mr. B. Eedukondalu	Internal Member	Attended through Online
6	Mrs. S. Ramyaka	Internal Member	Attended through Online
7	Mr. K. Sravan Sai Kumar	Internal Member	Attended through Online
8	Mr. L. V. Mahesh Babu	Internal Member	Attended through Online
9	Mr. G. Devanand	Internal Member	Attended through Online

At the onset the Chairman welcomed the members to the Internal BOS meeting and forecasted the agenda for the deliberations.

The following deliberations were made as per the items circulated in the agenda:

- 1. Members of BOS have actively participated in identifying the course structure and approved the IV B. Tech EEE NRIA18 Regulation and finalized to prepare the contents and syllabus and included projects in the course structure.
- 2. Identifying the list of open electives and course contents that were prepared under NRIA18 Regulation. The course contents were also discussed and identified.
- 3. Taken feedback from the various stakeholders.

Dissent: Nil

Dr. N. SAMBASIVA RAO
B.Tech, M.Tech, Ph.D, MISTE
Head of the Department & Professor of EEE
NRIINSTITUTE OF ACCHAGAGY (KN)



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Dt: 08-09-2021

From
Dr. N. Sambasiva Rao
Chairman, BoS in EEE
Professor and Head, Dept. of EEE
NRI Institute of Technology,
Pothavarappadu, Agiripalli, Vijayawada

To
All the BOS members of EEE

Respected Sir/Madam,

Sub: Meeting of the External Board of Studies in Electrical and Electronics Engineering-Reg.

A meeting of the Board of Studies in Electrical and Electronics Engineering Department will be held on 08-09-2021, at 11.00 AM through online.

AGENDA

- 1. To discuss and approve the Autonomous course structure for II B. Tech (NRIA20) program courses offered by EEE Department.
- 2. To discuss and approve the B. Tech II Year Autonomous Course Structure (NRIA20) and its contents.
- 3. To introduce new courses in the Proposed Course Structure.
- 4. To discuss the list of B. Tech Open Electives to be offered by EEE Department.
- 5. To identify the panel of examiners for the above courses.
- 6. To discuss the course contents of III and IV semesters of M. Tech.
- 7. To take feedback on curriculum from various stake holders to include internships, projects in the course structure.

You are requested to make it convenient to attend the meeting.

CHAIRMAN BOS for B.Tech EEE

Dr. N. 554

Copy to:

1. The Principal, NRI Institute of Technology, Agiripalli.

2. The Academic Officer, NRI Institute of Technology, Agirirpallitead of the Department & Professor of EEE

3. To all the members of Board of Studies.

NRI INSTITUTE OF TECHNOLOGY (KN)

Minutes of Meeting

Subject: Minutes of meeting of BOS meeting held on 08-09-2021 The following members were present in the meeting

S.No.	No. Name of the Faculty Designation		Signature
1	Dr. K. Ravindra, JNTUK, Kakinada	University Nominee, Professor of EEE	Attended through Online
2	Dr. R.Srinivasa Rao,	Subject Expert,	Attended through
	JNTUK, Kakinada	Professor of EEE	Online
3	Dr. M. Ramalinga Raju, JNTUK, Kakinada	Subject Expert, Professor of EEE	Attended through Online
4	Prof N. V. Ramana Rao, Professor	Subject Expert, Professor of EEE	Attended through Online
5	Dr. P. V. V. Rama Rao, Professor	Subject Expert, Professor of EEE	Attended through Online
6	Sri M. Narayana Prasad, Industry Expert	Industry Expert	Attended through Online
7	Dr. N. Sambasiva Rao	Chairman, Professor & HOD	Attended through Online
8	Mr. R. Raghunadha Sastry	Internal Member	Attended through Online
9	Mr. K. Venkata Kishore	Internal Member	Attended through Online
10	Mrs. S. Bhavani	Internal Member	Attended through Online
11	Mr. I. Prasanna Kumar	Internal Member	Attended through Online
12	Mr. B. Eedukondalu	Internal Member	Attended through Online
13	Mrs. S. Ramyaka	Internal Member	Attended through Online
14	Mr. L. V. Mahesh Babu	Internal Member	Attended through Online
15	Mr. G. Devanand	Internal Member	Attended through Online
16	Mr. G. Durga Praveen, Alumni.	Student Member	Attended through Online

At the onset the Chairman welcomed the members to the External BOS meeting and projected the agenda for the reflections of the members.

The following discussions were made as per the items of the circulated agenda minutes.

Minutes:

Item 1: Discussed and approved the Autonomous Course Structure for II B. Tech (NRIA20)

Program.

Item 2: Discussed and approved the B. Tech II Year (NRIA20) course structure and their contents.

Item 3: Discussed about the list of B. Tech open electives that are offered by the EEE Department.

Item 4: Identified the Panel of Examiners for the above courses.

Item 5: Discussed the Course Contents of III and IV Semesters of M. Tech.

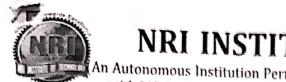
Item 6: Discussed to take feedback on curriculum from stake holders.

Dr. N. JAMESIVA RAO

B. Tech M. Jech Ph.D. MISTE

Head of the Decarding a Professor of EEE

NOTING THE OF TECHNOLOGY (KN)



An Autonomous Institution Permanently Affiliated to JNTUK, Kakinada) (Accredited by NAAC with "A" Grade and ISO 9001:2015 Certified Institution) POTHAVARAPPADU (V), (VIA)

NUNNA, AGIRIPALLI (M), VIJAYAWADA-PIN - 521212

DEPARTMENT OF MECHANICAL ENGINEERING

Minutes of Online meeting of Board of Studies (BOS) of Mechanical Engineering of NRI Institute of Technology (Autonomous) held on02-10-2021 at 04:00 PM.

S.No.	Name of the Committee Member	Designation	Signature		
1 Dr. K. PRASADA RAO		HOD &Prof. in ME, NRIIT, Agiripalli	Attended throug		
2	Mr. R.VIJAY KRISHNA	Associate Prof. in ME, NRIIT, Agiripalli	Attended through Online		
3	Mr.GSRN MALLESWARA RAO	Associate Prof. in ME,NRIIT, Agiripalli	Attended through		
4	Mrs. T. HARITHA	Associate Prof. in ME, NRIIT, Agiripalli	Attended through Online		
5	Mr. G. DURGA PRASAD	Associate Prof. in ME, NRIIT, Agiripalli	Attended through Online		
6	Mr.J.LEELA KRISHNA	Associate Prof. in ME, NRIIT, Agiripalli	Attended through Online		
7	Mrs.CH.SRILATHA	Associate Prof. in ME, NRIIT, Agiripalli	Attended through Online		
8	Mr. V.MOHAN MANOJ GUPTA	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online		
9	Ms.A.MADHURI	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online		
10	Mr. G. JITENDRA	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online		
11	Mr.ONVP BHAGAVAN KUMAR	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online		
12	Mr.S.VENKATESWARA RAO	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online		
13	Ms. K. BHARGAVI	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online		
14	Mr.G.GOPI CHAND BABU	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online		
15	Mr.K.SAI SANDEEP	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online		
6	Mr.M.SYAM KUMAR	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online		



External BOS Members					
18	Dr.V.SRIKANTH	Professor,ME, IIT-Madras	Attended through Online		
19	Dr. N. MOHAN RAO	Professor,ME, JNTU- Kakinada	Attended through Online		
20	Dr. V.V.S.PRASAD	Professor Dept. of Marine Engineering, AndhraUniversity, Visakhapatnam.	Attended through Online		
21	Dr. A. VEERESH BABU	Associate Professor, ME, NIT-Warangal.	Attended through Online		
22	Mr.V. SAMSON DEVAKUMAR	Project Manager Software Development Center South Central Railways, Vijayawada– A.P	Attended through Online		
23	Mr. BNVSPM RAGHAV	Software Engineer, Tech Mahindra-Hyderabad	Attended through Online		

SECTION – I

ITEM FOR NOTING

Item: 1.01 Noting and Welcoming the Members of Board of Studies

Resolutions

On behalf of the Management, Principal, Faculty Members of the Department and in particular the Internal members of Board of Studies in Department of Mechanical Engineering (ME) extends their hearty welcome to the external members of Board of Studies in the Department of Mechanical Engineering for attending this Online meeting to guide us for implementing the Autonomy of our Institution.

SECTION: II

ITEM FOR CONSIDERATION

SYLLABUS MATTERS:

Item 2.1.1: To consider and approve the Fourth-year syllabus of UG Programme.

Examined and considered the syllabus for the following Courses of UG Programme (B.Tech-ME) Is Semester:

- 1. Industrial Engineering and Management
- 2. Introduction to CAD/CAM
- 3. Metrology
- 4. Open Elective IV
 - 1. Nano Technology
 - 2. Additive Manufacturing
- 5. Professional Elective III
 - 1. Unconventional Machining Process
 - 2. Power Plant Engineering
 - 3. Mechatronics
 - 4. Advanced Mechanics of Materials

6. Professional Elective - IV

- 1. Mechanical Vibrations
- 2. Introduction to Composite materials
- 3. Refrigeration & Air-conditioning
- 4. Jet & Rocket Propulsion Engineering
- 7.Instrumentation and Metrology Lab
- 8. Computational Fluid Dynamics Lab
- 9. Term Paper not be marked have

2nd semester: IV 100 A PRAGE VERTION

1. Professional Elective V/MOOCS

- 1. Nano Technology
- 2. Introduction to Robotics
- 3. Energy Conservation and Management
- 4. Computer Graphics and Geometrical Modeling

2. Professional Elective - VI /MOOCS

- 1. Design for Manufacturing
- 2. Automobile Engineering
- 3. Metal Forming Process
- 4. Project Management
- 3. Major Project
- 4. Internship

Resolved to accept the syllabus proposed for the above Courses of 1st and 2nd Semesters of 4thyear B.Tech. with modifications as suggested by members. Feed back is also taken from various stake holders to include new courses in the course structure and discussed about the implementation of interships and projects.

EXAMINATION MATTERS:

ITEM 2.2.1: To consider and approve the subject panel of examiners for the Question Paper setting. Considering the point of Preparing the panel of Examiners for paper setting of each subject, of First and Second semester of 4thYear B.Tech in Mechanical Engineering(ME).

Resolved to accept the Board unanimously prepared the panel of Examiners for paper setting. The Head of the Department who is the Chairman of the Board is authorized to submit the same to the Principal in sealed cover for further process.

ITEM 2.2.2: To consider and approve the subject wise List of Valuators for spot Valuation

Considered the point of preparing the panel of Examiners for evaluation of each subject papers of first and second semesters of 4thyear B.Tech in Mechanical Engineering.

Resolved to accept the Board unanimously prepared panel of Examiners for evaluation. The Head of the Department who is the Chairman of the Board is authorized to submit the same to the Principal in sealed cover for further process.

CHAIRMAN

BOS.

read, Mechanical Department NRI Institute of Technology POTHAVARAPPADU (VIII) Agiripalli (Mdi), Krishna Dist



(An Autonomous Institution Permanently Affiliated to JNTUK, Kakinada) (Accredited by NAAC with "A" Grade and ISO 9001:2015 Certified Institution) POTHAVARAPPADU (V), (VIA) NUNNA, AGIRIPALLI (M), PIN – 521 212

DEPARTMENT OF MECHANICAL ENGINEERING

COURSE STRUCTURE FOR FOURTH YEAR B. TECH PROGRAMME

IV YEAR I SEMESTER

		Title of the Course	Scheme of Instruction (Periods Per Week)			Scheme of Ехатіпатіоп (Maximum Marks)				
SI. No	Course Code		L	т	P	Total	CIA	SEA	Total	No. of Credits
1	HSS	Industrial Engineering and Management	3	0	0	3	40	60	100	3
2	PC	Introduction to CAD/CAM	3	0	0	3	40	60	100	3
3	PC	Metrology	3	0	0	3	40	60	100	3
4	OE	Open Elective – IV 1.Nano Technology 2.Additive Manufacturing	3	0	0	3	40	60	100	3
5	PE	Professional Elective – III 1. Unconventional Machining Process 2. Power Plant Engineering 3. Mechatronics 4. Advanced Mechanics of Materials	3	0	0	3	40	60	100	3
6	PE	Professional Elective – IV 1. Mechanical Vibrations 2. Introduction to Composite materials 3. Refrigeration & Airconditioning 4. Jet & Rocket Propulsion Engineering	3	0	0	3	40	60	100	3
7	LC	Instrumentation and Metrology Lab	0	0	2	2	40	60	100	1.5
8	LC	Computational Fluid Dynamics Lab	0	0	2	2	40	60	100	1.5
9	PR	Term Paper/Internship	0	0	1	1	40	60	100	1.5
		Total	18	0	6	24	320	480	800	22.5

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POTHAVARAPPADU (VIII)

An Autonomous Institution Permanently Affiliated to JNTUK, Kakinada) (Accredited by NAAC with "A" Grade and ISO 9001:2015 Certified Institution) POTHAVARAPPADU (V), (VIA)

NUNNA, AGIRIPALLI (M), VIJAYAWADA-PIN – 521212

NRIA なり DEPARTMENT OF MECHANICAL ENGINEERING

Minutes of Online meeting of Board of Studies (BOS) of Mechanical Engineering of NRI Institute of Technology (Autonomous) held on02-10-2021 at 04:00 PM.

S.No.	Name of the Committee Member	Designation	Signature		
I	Dr. K. PRASADA RAO	HOD &Prof. in ME, NRIIT, Agiripalli	Attended through Online		
2	Mr. R.VIJAY KRISHNA	Associate Prof. in ME, NRIIT, Agiripalli	Attended through Online		
3	Mr.GSRN MALLESWARA RAO	Associate Prof. in ME,NRIIT, Agiripalli	Attended through Online		
4	Mrs. T. HARITHA	Associate Prof. in ME, NRIIT, Agiripalli	Attended through Online		
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6	Mr.J.LEELA KRISHNA	Associate Prof. in ME, NRIIT, Agiripalli	Attended through Online		
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9	Ms.A.MADHURI	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online		
10	Mr. G. JITENDRA	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online		
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15	Mr.K.SAI SANDEEP	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online		
16	Mr.M.SYAM KUMAR	Assistant Prof. in ME, NRIIT, Agiripalli	Attended through Online		

External BOS Members							
18	Dr.V.SRIKANTH	Professor,ME, IIT-Madras	Attended through Online				
19	Dr. N. MOHAN RAO	Professor,ME, JNTU- Kakinada	Attended through Online				
20	Dr. V.V.S.PRASAD	Professor Dept. of Marine Engineering, AndhraUniversity, Visakhapatnam.	Attended through Online				
21	Dr. A. VEERESH BABU	Associate Professor, ME, NIT-Warangal.	Attended through Online				
22	Mr.V. SAMSON DEVAKUMAR	Project Manager Software Development Center South Central Railways, Vijayawada– A.P	Attended through Online				
23	Mr. BNVSPM RAGHAV	Software Engineer, Tech Mahindra-Hyderabad	Attended through Online				

SECTION - I

ITEM FOR NOTING

Item: 1.01 Noting and Welcoming the Members of Board of Studies

Resolutions

On behalf of the Management, Principal, Faculty Members of the Department and in particular the Internal members of Board of Studies in Department of Mechanical Engineering (ME) extends their hearty welcome to the external members of Board of Studies in the Department of Mechanical Engineering for attending this Online meeting to guide us for implementing the Autonomy of our Institution.

SECTION:11

ITEM FOR CONSIDERATION

SYLLABUS MATTERS:

Item 2.1.1: To consider and approve the Second year syllabus of UG Programme.

Examined and considered the syllabus for the following Courses of UG Programme (B.Tech-ME) 2nd yr Iⁿ Semester:

- 1. Mechanics of Solids
- 2. Fluid Mechanics & Hydraulic Machines
- 3. Production Technology
- 4. Kinematics of Machinery
- 5. Thermodynamics
- 6. Fluid Mechanics & Hydraulic Machines Lab
- 7. Production Technology Lab
- 8. Drafting and Modeling Lab
- 9. Essence of Indian Traditional Knowledge

2nd semester:

- 1. Material Science & Mettalurgy
- 2. Dynamics of Machinery
- 3. Thermal Engineering-I
- 4. Industrial Engineering and Management
- 5. Mechanics of Solids and Metallurgy Lab
- 6. Machine Drawing Practice
- 7. Theory of Machines Lab
- 8. Python Programming Lab

Resolved to accept the syllabus proposed for the above Courses of 1st and 2^{std} Semesters of 2^{std} year B.Tech. with modifications as suggested by members. Various stake holders feedback is also considered to include new courses in the course structure and discussed about the industry institute interaction through interships and projects.

EXAMINATION MATTERS:

ITEM 2.2.1: To consider and approve the subject panel of examiners for the Question Paper setting. Considering the point of Preparing the panel of Examiners for paper setting of each subject, of First and Second semester of 2nd Year B.Tech in Mechanical Engineering(ME).

Resolved to accept the Board unanimously prepared the panel of Examiners for paper setting. The Head of the Department who is the Chairman of the Board is authorized to submit the same to the Principal in sealed cover for further process.

ITEM 2.2.2: To consider and approve the subject wise List of Valuators for spot Valuation

Considered the point of preparing the panel of Examiners for evaluation of each subject papers of first and second semesters of 2nd year B.Tech in Mechanical Engineering.

Resolved to accept the Board unanimously prepared panel of Examiners for evaluation. The Head of the Department who is the Chairman of the Board is authorized to submit the same to the Principal in sealed cover for further process.

CHAIRMAN

Head, Mechanical Department NRI Institute of Technology POTHAVARAPPADU (Vill) Agiripalli (Mdl), Krishna Dist



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DEPARTMENT OF MECHANICAL ENGINEERING STRUCTURE FOR SECOND YEAR B. TECH PROGRAMME II YEAR I SEMESTER

SI. No	Course Code	Title of the Course	Scheme of Instruction (Periods Per Week)			Scheme of Examination (Maximum Marks)			No. of Credits	
	 	Vector and and	L	T	P	Total	CIA	SEA	Total	1
1	1	Vector calculus, Fourier Transforms and Partial					30	70	100	3
	20A2100201	Differential Equations	3	0	0	1 2				
2	20A2103401	Mechanics of Solids	3	0	0	3	20	70	100	
3		Fluid Mechanics &		10	-	3	30	70	100	3
3	20A2103402	Hydraulic Machines	3	0	0	3	30	70	100	3
4	20A2103403	Production Technology	3	0	0		30	70	100	
5	20A2103404	Kinematics of Machines	3	0		3		70	100	3
6	20A2103301	Thermodynamics	3	<u> </u>	0	3	30	70	100	3
7		Fluid Mechanics &	3	0	0	3	30	70	100	3
′	20A2103491	Hydraulic Machines Lab	0	0	3	3	15	35	50	1.5
8	<u> </u>	Production Technology		<u> </u>			13	- 33	30	1.5
	20A2103492	Lab	0	0	3	3	15	35	50	1.5
9	20121222	Drafting and Modeling						- 55	- 50	1.5
	20A2103991	Lab	0	0	3	3		50	50	1.5
10	20A2100801	Constitution of India	2	0	0	2	30	70	100	0
	Total		20	0	9	29	240	610	850	22.5

II YEAR II SEMESTER

SI. No	Course Code Title of the Course	Scheme of Instruction (Periods Per Week)				Scheme of Examination (Maximum Marks)			No. of Credits	
-		Martin 10 in a	L	T	P	Total	CIA	SEA	Total	3104165
1	20A2203301	Material Science & Metallurgy	3	0	0	3	30	70	100	3
2		Complex Variables and					- 00	10	100	3
L	20A2200201	Statistical Methods	3	0	0	3	30	70	100	3
3	20A2203401	Dynamics of Machinery	3	0	0	3	30	70	100	3
4	20A2203402	Thermal Engineering-I	3	0	0	3	30	70	100	3
5	20A2200102	Industrial Engineering and Management	3	0	0	3	30	70	100	3
6	20A2203391	Mechanics of Solids and Metallurgy Lab	0	0	3	3	15	35	50	
7	20A2203491	Machine Drawing Practice	0	0	3	3	15	35		1.5
8	20A2203492	Theory of Machines Lab	0	0	3	3			50	1.5
9	20A2203991	Python Programming Lab	0	0	3	3	15	35	50	1.5
10	7	Essence of Indian Traditional Knowledge	2	0	 0	2	30	70	100	0
	Total		17	0	12	29	195	505	700	21

^{*} Internal Evaluation

L - LECTURE T - TUTORIAL P - PRACTICAL
CIA - Continuous Internal Assessment SEA - Semester End Assessment

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Ref.No: NRI/ECE/BoS/2021-22/01

Minutes of meeting for Board of Studies held on 2/9/2021

Time: 2.00 P.M

An online meeting is held in the department with the members of Board of studies to finalize and approve the curriculum for regulation NRIA18 and NRIA20 for ECE, Pools offered to the students for Minor Courses and major courses, Syllabus for IV year (R18), II year (R20), Open electives offered to other Departments and new courses introduced.

- 1) Considered and approved the Syllabus for regulation R20 as offered by APSCHE and latest JNTUK regulations
- 2) Considered and approved the syllabus for IV year (NRIA18) B.Tech programme along with professional electives III, IV, V& VI
- 3) Considered and approved course structure and syllabus for NRIA20 regulation for II year B.Tech programme
- 4) Considered and approved the syllabus for courses offered for I B.Tech programme of NRIA20 regulation.
- 5) Considered and approved the syllabus for open electives offered to other Departments.
- 6) Considered and approved minor and major pools.
- 7) With the suggestion of BoS members new courses such as electronic circuit design (SC), and python programming (SC) are introduced.
- 8) Discussed about suggestions and feedback taken from various stake holders(Alumini, parents, industry, employers, students) regarding framing course structure to include internships, projects etc
- 9) Considered and approved the subject wise panel of examiners for paper setting.
- 10) Considered and approved the subject wise list of evaluators for spot valuation. prepared and submitted approved syllabus and list of evaluators to the chairman Board of studies and is authorized to submit the same to the principal in sealed cover for further processing.

Signature of Chairman

Board of Studies

Head, ECE Department NRI Institute of Technology POTHAVARAPPADU (VIII) Sciripalli (MdI), Krishna Dist,

Minutes of Meeting of Bos	Date: 2/9/2
V V	Time: 2.00 p
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in the Bos online meeting in	ud on 2191:
al- 200 pm.	12077
1) Y. Aspilla	y-Amile
2) Dr A-M prasad	-100
3) Dr Anil Kumar Vappala	
9) Dr K. Raghavindra Rao	Legis - The Legis
5) Nagidi Vara prasad	And the second
6) Sai prosanth Machinaju	
7.) Dr P. Rama Koltswara Rao	man /
8) Dr R. Suritha	18
9.) Prof B.V.R.V presad	al.
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11) Mr & A. Reheman	Sa.
12) Dr V. Ramush Baby.	· (X)
13) Mr. S.V. Rama Rao	· Was
14) Dr K. Prathyusha	
15) Ir M. Puna Kühore	of shop?
16) Mr P. Venu Gopal	policy
17) Mr R. Upindar Rao	Pu
18) Hrs Swathi Kambhampati	July ?
19.) Mr. SK. Ashraf Ali	Alg
20.) Mr D. Ravi Shankar	1 24



Autonomous

Accredited NAAC with "A" Grade, NBA Accredited (CSE, ECE & EEE) Permanently Affiliated to JNTUK, Kakinada, ISO 9001:2015 Certified UGC Recognized u/s section 2(f), 12 (b)

Dr. K. V. Sambasiya Rao, Dean Dept. of CSE.

Dt.: 04-08-2021

To

Respected Sir/Madam,

Sub: Meeting of the Internal Board of Studies-Reg.

Thank you very much for giving your valuable inputs during the last meeting conducted virtually on 04-07-2020,

In continuation to our earlier BOS meeting. I request you to participate in the BOS Meeting in Computer Science and Engineering to be conducted in Dean Chamber, at 2.00 P.M and extend your valuable suggestions.

AGENDA

- 1. To discuss and prepare the 1st Year Autonomous Course Structure for newly introduced B. Tech (CSE - Telugu Medium) program of NRIA20 Regulation.
- 2. To discuss and prepare the 1st Year Autonomous Course Structure for newly introduced B. Tech (Artificial Intelligence and Machine Learning) program of NRIA20 Regulation.
- 3. To discuss and prepare the IInd Year Autonomous Course Structure for B. Tech CSE (Data Science) program of NRIA20 Regulation.
- 4. To discuss and prepare the IInd Year Autonomous Course Structure for B. Tech CSE (Artificial Intelligence and Machine Learning) program of NRIA20 Regulation.
- 5. To discuss and prepare the B. Fech IV Year (I & II Semesters) Course Contents of NRIA18 Regulation.
- 6. To discuss and prepare the list of B. Iech Open Electives to be offered by CSE Department.
- 7. To identify and approve the panel of examiners for the above courses.
- 8. Any other item with the permission of the Chairman.

Kindly make it convenient to attend the meeting.

BOS for B. Tech CSE

Copy to:

- 1. The Principal, NRI Institute of Technology, Agiripalli.
- 2. The Academic Officer, NRI Institute of Technology, Agiripalli.
- 3. To all the members of Board of studies.

Communicated to all the members through: Email and Whatsapp

Pothavarappadu, Agiripalli Mandalam, Krishna Dt., Andhra Pradesh - 521212 NR109 stitute of Technol POTHAVARAPPADU (VIII) an (Mdl.). Krishna Dist.

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airriculum Since AICTE is going to Supply the
Carriculary - Telugu Medium
Cirriculum Since AICTE IS going to suffy the Course Conscillation, AICTE Was contacted for the Course Conscillation, AICTE Was contacted for the Course Conscillation
are the local fortacted the first contracted
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this despect:

Members of the Committee has discussed & identification the Course Shucture and course Contents for the newly introduced Birch (ALSIMI) inline with APSCHE, INTUK and AICTE model Curriculan.

A Brain Stroming session was Conducted of the Course Structure of Contents were proposed as NRIA20 Regulation.

Ist Year - I Semester

St.	Course Code				on (Pe	riods	Scheme o	No. of Credits		
No			L	T	P/D	Total	CIA	SEA	Total	Cienna
1	BSC	Engineering Mathematics-I	3	1	0	4	30	70	100	3
2	BSC	Applied Physics	3	0	0	3	30	70	100	3
3	ESC	Programming and Problem Solving with C	3	0	0	3	30	70	100	3
4	HSS	Professional Communication	2	0	2	4	30	70	100	3
5	ESC	Computer Engineering Workshop	2	0	4	6	15	35	50	3
6	ESC Lab	Programming and Problem Solving with C Lab	0	0	4	4	15	35	50	2
7	BSC Lab	Applied Physics Lab	0	0	3	3	15	35	50	1.5
8	Mandatory Course	Environmental Science	2	0	0	2	30	70	100	0
		Total	15		13	29	195	455	650	18.5

Ist Year - II Semester

SEMESTER-2

S.NO.	COURSE CODE	TITLE OF THE COURSE		SCHE	HE OF INSTR	UCTION	SCHE	ME OF EXAM			
				L,	Т	P/D	Total	CIA	SEA	Total	NO. OF CREDI.
1	BSC	Engineering Mathematics-2	3	0	0	3	30	פל	100		
2	BSC	Applied Chemistry	3	0	0	3	30	70	100		
3	ESC	Introduction to Artificial Intelligence	3	0	0	3	30	78	100	3	
4	ESC	Geps Through Java	3	0	0	3	30			1	
5	ESC	Data Structures	3	0	0	3	30	76	160		
6	BSC LAB	Applied Chemistry Lab	0	0	3	3	15		100	3	
7	ESC LAB	Oops Through Java Lab	0	8	4	4		35	50	13	
8	ESCLAB	Data Structures Lab					15	35	58		
9	HSS LAB	Communicative English Lab	- 0	0	3	3	15	35	50 .	1.5	
			0	0	3	3	15	35	50	1.5	
		TOTAL	15	0	13	28	218	490	700	11.5	

II YEAR I SEMESTER

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II YEAR II SEMESTER

SL.	Course Cade	Title of the Course			Instruc Per We		Ext (Mass		No. of Cre	
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1	10Z-081A01	F TORK OLD Y MOS STATIONA	3		ſ.	3	311	70	16110	3
2	2082225401	A P S S P S S S S S S S S S S S S S S S	7	10		3	5.4	71	100	3
3	20A2205402	Software Exgranetaly	3	***		Actualization of		gr 1	100	3
4	MA22424-71	introduction to Market	13			t sugress	19	*2	100	3
5		19 A A Man Res To Me Me Mark State Windows Commencer Security Se	3	.00" 3.00		******	*6	711	jar.	3
A.	2020307	Ve the solutions	43			3	13		5	3./
7	22A2 R 54+2	Software Engineering Lab			4	**	19	**	6	
8	26.42.43491	Machine learning Lab	4.14		1 * *	\$ "	11		1	3
9	soc	Natural Language Processing with Python	0	169	4	*		13	1.	,
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5) Members of the Bos have act in identifying the course Structure Contents for the End year Bites	Ively Pasticipated
In identifying the course Structure	and Coulse
Contents for the End Year BiTec	h CSE-NRIAZO
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SL	Course		Schen	ie of Ins	AESTER struction Week)	(Periods	Scheme of	No. of Credits		
No	Code	Title of the Confec	L	T	P/D	Total	CIA	SEA	Total	Ortuna
1		Managerial Economics and Financial	3	0	0	3	40	60	100	3
		Accounting	2	0	2	4	40	60	100	3
2		Cryptography and Network Security		0	0	3	40	60	100	3
3	PE-4	Professional Elective -4	3_		0	3	40	60	100	3
4	PE-5	Professional Elective -5	3_	0	-	3	40	60	100	3
5	OE-3	Open Elective -3	3	0	0			60	100	1.5
6	LAB	Al application Development Lab	0	_1_	2	3	40			7
7	LAB	Predictive Analytics Lab	0	1	3	4	40	60	100	2
8	LAB	Full Stack Web Development Lab	. 0	0	2,	2	40	60	100	1
0		Minor project ##	0	1	3	4	40	60*	100	2
9		Research Methodology	2	0	0	2	40	60*	100	-

Code	Professional Elective -4	Code	Professional Elective -5
	4.1 Natural Language Processing		5.1 Real Time Systems
	4.2 AR & VR		5.2 Data Science
	4.3 Block chain Technology		5.3 High performance computing
	4.4 Intelligent Systems		5.4 Machine Learning

21.5

SI.	Course	Title of the Course			Instruc er Wee	1.0	Scheme of Examination (Maximum Marks)			No. of
No	Code		L	T	P/D	Total	CIA	SEA	Total	Credits
1	PE-6	Professional Elective-6	3	0	0	3	40	6.0	100	·3
2	OE-4	Open Elective-4	3	0	0	3	40	60	100	3
3		Major Project (Internal/Industry Internship) dissertation***	0	5	7	12	40	60	100	8
Total		6	5	7	18	120	180	300	14	

Code	Professional Elective - 6	
	6.1 Deep Learning	
	6.2 System Modeling and Simulation	
	6.3 Social Networking and Semantics	
	6.4 Cyber Forensics	

Before presenting the draft copy of the com	se_
Structure and contents to the Esternal Bos members,	
on Internal Bos meeting was conferred with	K(Sandalan Sanda)
State holders Parent, Students, Alumi.	

NKI INSTITUED OF PECESIONAL

An Autonomous Institution, Permanently Affiliated to UNTUK, Kakinada 2011 (Accredited NAAC with "A" Grade and ISO 9001:2015 Certified Institute)
Pothavarappadu (V), Via Nunna, Agiripalli (M), PIN-521 212.

Ph: 0866 - 2469666 Website: nrigrouposcolleges.com e-mail: nrihitech@rediffmail.com

Dr.M.Chaitnaya Kishore Reddy, HOD Dept. of IT

Dt.: 04-08-2021

To
The Members of BOS in Information Technology

Respected Sir/Madam,

Copy to:

Sub: Meeting of the Internal Board of Studies Meeting in Information Technology -Reg.

Thank you very much for giving your valuable inputs during the last meeting conducted Virtually on 4-07-2020. In continuation to our earlier BOS meeting, I request you to participate in the BOS Meeting in Information Technology to be conducted in HOD Chamber, at 2:00 PM and Extend your valuable suggestions.

<u>AGENDA</u>

- 1. To discuss and prepare the IInd year Autonomous Course Structure for B.Tech IT program of NRIA20 Regulation
- 2. To discuss and prepare the B.Tech IV year(I&II Semesters) Course Contents of NRIA18 Regulation
- 3. To discuss and prepare the list of B.Tech open Electives to to offered by IT Department
- 4. To identify and approve the panel of examiners for the above courses

5. Any other item with the permission of the Chairman.

Kindly make it convenient to attend the meeting.

CHAIRMAN BOS for B. Tech IT

Head, IT Department
NRI institute of Technology
POTHAVARAPPADU (V)
Agiripalli (M), Krishna I +

1. The Principal, NRI Institute of Technology, Agiripalli. Agiripalli. The Academic Officer, NRI Institute of Technology, Agiripalli.

3. To all the members of Board of studies.

Communicated to all the members through: Email and Whatsapp

	Probaglional Des Grandlin Mai
subject: Minutes of meeting of Internal Bos meeting on	
04-08-2021	
The following members were present in the meeting at 2:0	DO PM
1. Dr. M. Chaitanya Kishore Reddy - Professor & HOD - ikor	
2. Dr. D. Chitra Devi - Assistant Professor - CV	
3. Mr. B. B. K. Prasad - Associate Professor - Mc	4
4. Mr. sk. Mahaboob Basha - Associate Professor - Atout	
5. Mr. B. Naga Raju - Assistant Professor - 2-1	
At the outset the chairman welcomed the members to the	
meeting of the internal Bos and placed the agenda for the	00
deliberation of the members. The following deliberations w	ne m
made.	
1. Internal BOs members have discussed & accepted the cou	me.
Structure and the course contents for the newly introduced	
BTech (ISE-Telugu medium) AICTE: model curriculam since	
AICIE is going to supply the engineering text books in telug	
medium, when, AICTE has contacted for the Course curricula	וט
and Text Books, they assured to support Us in the respect.	
A Brain stronging session was reproducted & the course stre	xture_
+ contents were prepared as MRIA 20 Kegulation.	The state of the s
Members of the Bos have actively participated in members	19
the cause structure and course contents for the I gear bite	<u> 2cb </u>
NRIA-20 regulation and the same will be proposed	
before the sectional Bas for their suggestion incomments	proval
lember of the pac have actively participated	7-11-1
the course character and course content for the	of some or the same
NRIQ-10 Decilation and the same will be proposed	and management of the
the the external Bos for their sugar	k].
Pleval.	To later state a dissipatory bus.

5. Identifying the list of open electives and the course contents were prepared NRIAIR Regulation. The rinder course contents were also discussed and identified. 6. The Tracks for B. Tech honors and B. Teeh minor degrees were discussed and decided to identify them in the next Bos meeting

Signature of the Chairman

Head, IT Department NRI-Institute of Technology POTHAVARAPPADU (Y) Agiripalli (M), Krishna Dist.

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UGC Recognized u/s section 2(f), 12(b)

Dr.M.Chaitnaya Kishore Reddy, HOD Dept. of IT

Dt.: 07-08-2021

To
The Members of BOS in Information Technology

Respected Sir/Madam,

Sub: Meeting of the Internal Board of Studies Meeting in Information Technology - Reg.

Thank you very much for giving your valuable inputs during the last BOS meeting conducted on 4-08-2021.

In continuation to our earlier meeting, an Internal BOS meeting is convened on 09-08-2021, at 2:00 PM in the HOD Chamber .Department of Information Technology NRI Institute of Technology , Vijayawada-521212.

AGENDA

- 1. To discuss and indentify and prepare list of courses offered under Honors, Minor Degree by IT Department
- 2. To discuss review and approve the course structure curriculum prepared on 04-08-2021

3. Any other item with the permission of Chairman.

Kindly make it convenient to attend the meeting.

CHAIRMAN BOS for B. Tech IT

Head, IT Department
NRI Institute of Technology
POTHAVARAPPADU (V)
Agiripalli (M), Krishna Dist.

Copy to:

1. The Principal, NR! Institute of Technology, Agiripalli.

2. The Academic Officer, NRI Institute of Technology, Agiripalli.

3. To all the members of Board of studies.

Communicated through: Email, Whatsapp

The second secon
Subject: - Minutes of meeting of Internal Board of studies
meeting on 09-08-2021.
The following members were present in the meeting at
alpopm.
1. Dr. M. Chaitanya Kishore Reddy - Professor & HOD - Tivory
2. Dr. D. Chitra Devi - Assistant Professor - C
10 530
5. Mr. B. Naga Raju - Assistant Professor- 2
At the outset, the chairman welcomed the members to the
meeting of the internal Bos and placed the agenda for the
deliberation of the members. The following deliberations are
made:
1. With reference to AICTE, APSCHE, JNTUK; the department of
IT would be offering the following degrees apont forom the
regular B. Tech degree.
Blech IT (Honors) to be offered to IT students
(ii) Bitech IT (Minor) to be offered to other department
Students
It is accepted that students are given choice to take
additional 20 credicts as per the following pattern.
il Course at IV, V, VI, VII · Gemester with 4 credits each subject
Un course through mooks NPTEL Platform within 2 credits.
each (2 certificates)
in The members of the internal Bas have discussed and identifi
-ed the following tracks for the award of Honors degree under
NRIAIR, NRIARO regulations:

TRACK-1 NETWORKING	AND SECUTITY
	al Suit
Advance comp	outer Networks
	og
TRACK-2 SOFTWARE EN	GINEERING
	RING
	l Software Engineering
	ics and Measurements
Software Verit	ication and Validation
TRACK-3 COMPUTATIONA	LINTELEGENCE
Soft Computin	9
Perception and	Computer Vision
Introduction to	o Devops
Service. Orient	ed Systems
	AND CLOUD COMPUTING
	king
0	thms
cloud Archite	
Design and Dev	relopment of cloud Applications
WRIDIS , NRIAZO Regulations	award of Minor degree unde
1. DATA STRUCTURES USING C	8 PYTHON PROGRAMMING
2. DATABASE MANAGEMENT SYST	EMS 9. SOFTWARE ENGINEERING
3. WIFB TECHNOLOGIES	10. DEJECT_DRIENTED PROGRAMMING
4. ARTIFICIAL INTELLEGENCE	LANGUAGES
S. DATA SCIENCE	11. COMPUTER DRGANIZATION
6. COMPUTER NETWORKS	12. R-PROGRAMMING
7. MACHINE LEARING	13. SOFT COMPUTING

5. The course structure, course content prepared on 4/8/2021 were reviewed and approved with modifications and the same will be presented before external BOS for suggestion | Feedback | modification | Approval 6. The meeting was concluded with a positive move.

> Signatore the Chairman

Head, IT Department NRI Institute of Technology POTHAYARAPPADU (V) Agiripalii (M), Krishna Dist.

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Dr.M.Chaitnaya Kishore Reddy, HOD Dept. of IT

Dt.: 24-98-2021

To

The Members of BOS in Information Technology

Respected Sir/Madam,

Sub: Board of studies meeting in Information Technology.

Thank you very much for extending your valuable inputs during the last BOS meeting conducted virtually on 04-07-2020.

In continuation to our earlier BOS meeting, I request you to kindly participate in the BOS meeting in the Information Technology and engineering to be conducted virtually on 28-08-2021 at 2:00PM

AGENDA

- 1. To discuss and finalize the 1st year autonomous course structure for newly introduced B. Lech (CSE- Telugu medium) program
- 2. To discuss and finalize the 1st year autonomous course structure for newly introduced B Tech (Artificial intelligence and Machine learning) program
- 3. To discuss and finalize the 2nd year autonomous course structure for B. Tech IT (Data science) program
- 4. To discuss and finalize the 2nd year autonomous course structure for B. Feeh II (Artificial intelligence and Machine fearning) program
- 5. To discuss and finalize the B. Lech 4th year (lectl semesters) course contents.
- 6. To discuss and finalize the syllabus of open electives to be offered by 11 department
- 7. To equisider and identify the list of courses to be offered quder honors in hor degree
- 8. To identify and approve the parel of examiners for the above courses
- Any other item with the permission of the chairman Kindly make it convenient to attend the meeting.

Copy to:

The Principal, NRI Institute of Technology, Agiripalli,

NRI institute of Technology

XII URMAN

The Academic Officer, NRI Institute of Technology, Agiripa POTHAVARAPPADU (V) To all the members of Board of studies.

To all the members of Board of studies.

Agiripalli (M), Krishna Dist.

t omnunicated to all members through: Fmail, What ap



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Dr.M.Chaitnaya Kishore Reddy, HOD Dept. of IT

Dt.: 24-08-2021

To

The Members of BOS in Information Technology

Respected Sir/Madam.

Sub: Board of studies meeting in Information Technology.

Thank you very much for extending your valuable inputs during the last BOS meeting conducted virtually on 04-07-2020.

In continuation to our earlier BOS meeting. I request you to kindly participate in the BOS meeting in the Information Technology and engineering to be conducted virtually on 28-08-2021, at 2:00PM

AGENDA

Copy to:

- 1. To discuss and finalize the 1st year autonomous course structure for newly introduced B. Tech (CSE- Telugu medium) program
- 2. To discuss and finalize the 1st year autonomous course structure for newly introduced B. Tech (Artificial intelligence and Machine learning) program
- 3. To discuss and finalize the 2nd year autonomous course structure for B. Tech IT (Data science) program
- 4. To discuss and finalize the 2nd year autonomous course structure for B. Tech IT (Artificial intelligence and Machine learning) program
- To discuss and finalize the B. Tech 4th year (l&II semesters) course contents.
- 6. To discuss and finalize the syllabus of open electives to be offered by IT department
- 7. To consider and identify the list of courses to be offered under honors/millor degree
- To identify and approve the panel of examiners for the above courses
- Any other item with the permission of the chairman.

Kindly make it convenient to attend the meeting.

HAIRN

NRI Institute of Technology

=1. The Principal, NRI Institute of Technology, Agiripalli. 2. The Academic Officer, NRI Institute of Technology, AgiripaRiOTHAVARAPPADU (V) Agiripalli (M), Krishna Dist.

To all the members of Board of studies.

To all the members of Board of studies.

, Ma ha nl o	meeting of external BOS on 28-08-2021
The following mem	bers were present in the meeting
1. Dr. M. chaitanya Kis	hore Reoldy - Professor & HOD - Liber - Assistant Professor - C
2. DY · D · Chitya Devi	1 Provide Land April 10 Company of the Company of t
3. Mr. B. B. K. Prasad	- Associate Professor
4. Mr.sk. Mahaboob]	Basha - Associate mojessur - Porterior -
5. Mr. B. Naga Raju	
6. Dr.k. Sudheer Redd	y indistry tapere
7. Mrs. A. Sn Lakshmi	- Member
Proceedings: The meet	ting was conducted through online on
28/08/2021 at 240PM	using https://www.gotomeet.me/sttp.AUAI
The chairman of	Bos in computer Information Technology
(IT) bas welcomed	all the members and presented the
agenda.	
1. The chairman of	BOS has presented the course structure.
Syllabus contents	for [V B. Tech (IT) (I and I semesters)
	Regulation with open electives. The
Board has descu	ossed and finalized the course structure
	as were given in the cumiculan file.
2 The chairman of B	sos has presented the course structure,
syllabus contents	for Honoux Minor degree of IT
The Board has d	liscossed and finalized the course
Structure and syl	labus as were given in curricultum file.
3. The Board has Approve	d-the consestructure and also the contents
with few suggestions a	nd modifications. All the suggestions and
I modifications were	idualy incorruporated in the course
structure syllabus	Head, IT Department
	POTHAVARAGRAPHTO he of the Chairman Adiripalli (M). Krishna Dist.
The second section of the s	



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Dr.M.Chaitnaya Kishore Reddy, HOD Dept. of IT

Dt: 11-05-2022

То

The Members of BOS in Information Technology

Respected Sir/Madam,

Sub: Board of Studies Meeting In Information Technology, NRIA20-Reg.

Thank you very much for extending your valuable inputs during the last BOS meeting conducted virtually on 31-07-2021.

In continuation to our earlier BOS meeting, I request you to kindly participate in the 2 BOS meeting in the Information Technology and engineering to be conducted virtually on 27-05-2022, at 10:00AM

<u>AGENDA</u>

- 1. To discuss and finalize the list of B. Tech open electives to be offered by IT department.
- 2. To discuss and finalize the list of Honors/Minor Courses.
- 3. To identify and approve the panel of examiners for the above courses.

4. Any other item with the permission of the chairman Kindly make it convenient to attend the meeting.

Copy to:

I OS for B. Tech IT

Head, IT Department

1. The Principal, NRI Institute of Technology, Agiripalli. NRI Institute of Technology

2. The Academic Officer, NRI Institute of Technology, Agiriporthavarappadu (V)

3. To all the members of Board of studies. Agiripalli (M), Krishna Dist.

Communicated to all members through: Email, Whatsapp



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Accredited : NAAC with "A", NBA (CSE, ECE & EEE)

Approved by AIGTE, New Delhi & Permanently affiliated to JNTUK, Kakinada Pothavarappadu, Agiripalii Mandalam, Krishna Dt., Andhra Pradesh - 521212

URL: www.nrigroupofcolleges.ac.in, Ph: 0866 2469666, Email: principal@nriit.edu.in

Board Of Studies In Information Technology

S	Name of the Teacher	Designation	
10		chairman	v
1 1	Dr.M. Chaitanya kishore reddy	Professor& Dean, 9703002534, Challanyakishor Cleaning Control	hairman
- 1		Members of the Faculty	wr 1
2	Dr.Sk. Mahaboob Basha	Professor & Academic coordinator, 9494399870,mahboob@nriit.edu.in	Member
3	Mr .A. Gopala krishna	Assistant Professor,9948681766,gopalakrishna@nriit.edu.in	Member
4		Assistant Professor,9703130497 ravikiran.aala@gmail.com Aggietant Professor 8184972436.narasimha3236@gmail.com	Member
5	Mr "Narasimha Rao		Member
	Mr Ch Kiran Bahu	Assistant Professor,8074040718,kiran.ch@nriit.edu.in	Member
	Ex	xpert Nominated By the University	G L'
7	Dr.J.V.R.Murthy	Professor, Department of computer science and Engneering, JNTUK-kakinada, jvrmurthy@hotmail.com, +891-539034, 9177201555	Subject Expert
8	Dr.D.Rajya lakshmi	Professor, HOd & principal (Academics), Department of computer science and Engneering, JNTUK-Narsaraopeta, jrajyalashmi@gmail.com+91-9618016555	Subject Expert
9	Prof,M H M Krishna Prasad	Professor, CSE, University college of Engineering Kakinada,	Subject Expert Subject
10		Professor, CSE, University college of Engineering Kakinada, JNTUK kakinada, 9640027540, Krishna.ankala@gmail.com	Expert
	SUBJECT AND INDU	JSTRIALIST NOMINATED BY ACADEMIC COUNCIL	
11	Dr.R.B.V:Subramanyam	Professor of Computer scienceand Engineering Department,	Expert
12	Office State of the State of th	Associate professor BMS college of Basic Services Benguluru 944962596 dryaraprasad@gmail.com	Subject
13	Prof ORV Ramanaiah	Professor, CSE Department JNTUK college of Engineering	Subject Expert
	Doprosenta	the from Industry /Area Realating to placement	Subjec
14		Infosys, Hyderabad,9160017017 sudeercse@gmail.com	Esper

Proceedings: The meeting was conducted through online on 27 105 12022 at 10:00 Am Using: https://tinyorl.com/k8ksfk7x The chairman of Bas in com. Information Technology and Engineering has welcomed all the members and presented the agenda. 1. The chairman of Bos in IT has presented the course Structure, Syllabus contents for the II Beech IT program of NRIA20 Regulation. The Board has ediscussed and finalized the course structure and the syllabus as were given in the cirriculam file. 2. The chairman of BOS has presented the course structure, Syllabus contents for Honors and Minor degree of TT The Board has discussed and finalized the course Structure and the syllabors as were given in the Cirriculan file. The Board has approved the course structure and also the contents with few Suggestions and Modifications All the Suggestions and Modifications were duely incomporated in the course structure syllabor. Haad, IT Department Will Institute of Technology POTHAVARAPPADU-(V) Agiripalii (8), Krishna Dist.

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DEPARTMENT OF CIVIL ENGINEERING

Agenda of meeting

 To Review the implementation of NRIA 20 curriculum for A.Y. 2022-23 for III B.Tech syllabus meeting the requirements of curriculum from AICTE and APSCHE;

Minutes of BOS held on 18-06-2022 at 11.00 A.M.

The Following modifications done as per the committee suggestions

- 1. The credits and lecture hours are adjusted accordingly in the course structure
- 2. The course outcomes are redefined with respect to blooms taxonomy
- 3. Professional electives are added and done from the different specializations
- 4. Syllabus is modified in "reinforced concrete structures" subject
- 5. Codes of practice are added in "Reinforced concrete structures and design and drawing of steel structures."
- 6. For evaluation of **Project-I and seminar Internship**, a committee is framed consisting of two faculty members and Head of the Department
- 7. Evaluation process for Project-II is included
- 8. Minor modifications are also completed as per the suggestions given by BOS

Prepared By

HOD

Head of The Department CIVIL ENGINEERING NRI Institute of Technology POTHAVARAPPADU.

BAL

Head of The Department CIVIL ENGINEERING NRI Institute of Technology POTHAVARAPPADU.

An Autonomous Institution, Permanently Affiliated to JNTUK, Kakinada (Accredited by NAAC with "A" Grade and ISO 9001:2015 Certified Institute) Pothavarappadu (V), Via Nunna, Agiripalli (M), PIN-521.212.

DEPARTMENT OF CIVIL ENGINEERING

Board of Studies Committee Meeting on 18-06-2022

0	Name of the Committee Member	Designation			
	Mr.P. Narendra Babu	Associate Professor & HOD	BA		
	Mr. M. Ramachandra Rao	Associate Professor	pro		
2	Mr. M. Srinivas Phani Kumar	Associate Professor	118		
3	Mr. M. Srinivas Filati Remass	Associate Professor	W Gara		
5	Mr. M. Krishna Kumar	Assistant Professor	Kgri 8h		
6	Mr. P. Srinivas	Assistant Professor	V. B. C.		
7	Mr. K. Raga Sai	Assistant Professor	K.B.S.		
8	Mr. R.H. Phanindra	Assistant Professor	+ hanses		
	Mr. G.S.R.K. Dinesh	Assistant Professor	Pred		
9		Assistant Professor	Tepa		
10	Mr. K. Teja Dr.S.Chakravarthy	Assistant Professor	S.Charl		



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Dt: 01-06-2022

From
Dr. N. Sambasiva Rao
Chairman, BoS in EEE
Professor and Head, Dept. of EEE
NRI Institute of Technology,
Pothavarappadu, Agiripalli, Vijayawada

To
All the BOS members of EEE

Respected Sir/Madam,

Sub: Meeting of the External Board of Studies in Electrical and Electronics Engineering-Reg.

A meeting of the Board of Studies in Electrical and Electronics Engineering Department will be held on 01-06-2022, at 12.00PM through online.

<u>AGENDA</u>

- 1. To discuss on introduction to new undergraduate courses in Emerging areas of Technology.
- 2. Any other item with the permission of the chairman.
- 3. Review on Existing course contents.
- 4. Review on proposed course structure of III B. Tech (NRIA20) (V and VI Semesters).
- 5. Preparation of course contents for III B. Tech (NRIA20) (V and VI Semesters).
- 6. To introduce new courses in the Proposed Course Structure
- 7. Any other matters with the permission of chairman.
- 8. To take feedback on curriculum from various stake holders to include internships, projects in the course structure.

You are requested to make it convenient to attend the meeting.

CHAIRMAN

B.Tech, M.Tech, Ph.D, MISTE

BOS for B.Tech EEE

Copy to:

1. The Principal, NRI Institute of Technology, Agiripalli.

2. The Academic Officer, NRI Institute of Technology, Agiripall Head of the Department & Professor of EEE NRI INSTITUTE OF TECHNOLOGY (KN)

3. To all the members of Board of Studies.

Minutes of Meeting

Subject: Minutes of meeting of BOS meeting held on 01-06-2022. The following members were present in the meeting

S.No.	Name of the Faculty	Designation	Signature
1	Dr. K. Ravindra,	University Nominee,	Attended through
1	JNTUK, Kakinada	Professor of EEE	Online
2	Dr. R.Srinivasa Rao,	Subject Expert,	Attended through
	JNTUK, Kakinada	Professor of EEE	Online
3	Dr. M. Ramalinga Raju,	Subject Expert,	Attended through
	JNTUK, Kakinada	Professor of EEE	Online
4	Prof N. V. Ramana Rao,	Subject Expert,	Attended through
	Professor	Professor of EEE	Online
5	Dr. P. V. V. Rama Rao,	Subject Expert,	Attended through
	Professor	Professor of EEE	Online
6	Sri M. Narayana Prasad,	Industry Expert	Attended through
	Industry Expert	madstry Expert	Online
7	Dr. N. Sambasiva Rao	Chairman, Professor &	Attended through
		HOD	Online
8	Mr. R. Raghunadha	Internal Member	Attended through
-	Sastry	miternar Wember	Online
9	Mr. K. Venkata Kishore	Internal Member	Attended through
		internal Welliber	Online
10	Mrs. S. Bhavani	Internal Member	Attended through
10		micrial Member	Online
11	Mr. I. Prasanna Kumar	Internal Member	Attended through
11		miternal Welliber	Online
12	Mr. B. Eedukondalu	Internal Member	Attended through
12		internal Member	Online
13	Mrs. S. Ramyaka	Internal Member	Attended through
10		internal Member	Online
14	Mr. L. V. Mahesh Babu	Internal Member	Attended through
		michiai Membel	Online
15	Mr. G. Devanand	Internal Member	Attended through
10	4	member	Online
16	Mr. G. Durga Praveen,	Student Member	Attended through
10	Alumni.	Student Member	Online

Resolutions:

- 1. The board members went through a review on existing course contents and approved the structure of III B. Tech 5th and 6th Semesters (NRIA20) and suggested few changes.
- 2. All the members are allocated with the each course content of III B. Tech V and VI Semesters (NRIA20) for preparing course content.
- 3. Discussed to take feedback on curriculum from stake holders
- 4. Discussed other items with permission of chairman.
- 5. Included Internship in the course structure.

Dissent: Nil



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DEPARTMENT OF MECHANICAL ENGINEERING

NRIA20-REGULATIONS

Minutes of Online meeting of Board of Studies (BOS) of Mechanical Engineering of NRI Institute of Technology (Autonomous) held on 23-08-2022 at 03:00 PM, through the following link: https://meet.google.com/vaa-vbuc-rpu

S.No.	Name of the Committee Member	Designation	Role	Signature
1	Dr.C.NAGABHASKAR	Professor & Principal	Member	Attended through Online
2	Dr. K. PRASADA RAO	Prof & HOD	Chairman-BOS	Attended through Online
3	Dr. S.SUDHAKAR BABU	Professor	Internal Member	Attended through Online
4	Mrs. T. HARITHA	Associate Professor	Internal Member	Attended through Online
5	Mr. R.VIJAY KRISHNA	Associate Professor	Internal Member	Attended through Online
6	Mr.GSRN MALLESWARA RAO	Associate Professor	Internal Member	Attended through Online
7	Mr.K.BABU RAJA	Associate Professor	Internal Member	Attended through Online
8	Mr. G. DURGA PRASAD	Associate Professor	Internal Member	Attended through Online
9	Mrs.CH.SRILATHA	Associate Professor	Internal Member	Attended through Online
10	Mrs. P.SIVA NAGA SREE	Associate Professor	Internal Member	Attended through Online
11	Mr. V.MOHAN MANOJ GUPTA	Assistant Professor	Internal Member	Attended through Online
12	Ms.A.MADHURI	Assistant Professor	Internal Member	Attended through Online

12	14. 5	T		
13	Mr. G. JITENDRA	Assistant Professor	Internal Member	Attended through Online
14	Mr.ONVP BHAGAVAN KUMAR	Assistant Professor	Internal Member	Attended through Online
15	Mr.S.VENKATESWARA RAO	Assistant Professor	Internal Member	Attended through Online
16	Ms. K. BHARGAVI	Assistant Professor	Internal Member	Attended through Online
17	Mr.G.GOPI CHANDU BABU	Assistant Professor	Internal Member	Attended through Online
18	Mr.M.SYAM KUMAR	Assistant Professor	Internal Member	Attended through Online
19	Mr.E.SIVA KRISHNA	Assistant Professor	Internal Member	Attended through Online
20	Mrs. M. BLESSY RAISA	Assistant Professor	Internal Member	Attended through Online
	Externa	al BOS Members	•	
21	Dr. N. MOHAN RAO	Professor, ME, JNTU-Kakinada	University - Nominee	Attended through Online
22	Dr. V. SRIKANTH	Professor, ME, IIT- Madras	External Member	Attended through Online
23	Dr. V.V.S.PRASAD	Professor, Dept. of Marine Engineering, AndhraUniversity, Visakhapatnam.	External Member	Attended through Online
24	Dr. A. VEERESH BABU	Professor, ME, NIT- Warangal.	External Member	Attended through Online
25	Mr.V. SAMSON DEVA KUMAR	Project Manager, Software Development Center, South Central Railways, Vijayawada – A.P	External Member	Attended through Online

Mr. BNVSPM
RAGHAV
Software Engineer,
Tech MahindraHyderabad
External Member
Online

SECTION - I

ITEM FOR NOTING

Item: 1.01 Noting and Welcoming the Members of the Board of Studies

Resolutions

On behalf of the Management, Principal, Faculty Members of the Department and in particular, the Internal members of the Board of Studies in the Department of Mechanical Engineering (ME) extends their hearty welcome to the External members of the Board of Studies in the Department of Mechanical Engineering for attending this Online meeting to guide us for implementing the Autonomy of our Institution.

SECTION: 11

ITEM FOR CONSIDERATION

2.1 SYLLABUS MATTERS:

Item 2.1.1: To consider and approve the Third-year syllabus of the UG Programme.

Examined and considered the syllabus for the following Courses of the UG Programme (B.Tech-Mechanical Engineering)

III B Tech-Ist Semester:

- 1. Thermal Engineering-II
- 2. Design of Machine Members-I
- 3. Machining, Machine Tools & Metrology

4. Open Elective – I

- 1. Sustainable Energy Technologies
- 2. Operations Research
- 3. Nano Technology
 - 4. Thermal Management of Electronic systems

5. Professional Elective - I

- 1. Finite Element Methods
- 2. Industrial Robotics
- 3. Advanced Materials
- 4. Renewable Energy Sources
- 5. Mechanics of Composites
- 6. MOOCs (NPTEL/Swayam) Course (12 Week duration)
- 6. Machine Tools Lab
- 7. Thermal Engineering Lab
- 8. Advanced Communication Skills Lab
- 9. Professional Ethics and Human Values (mandatory non credit course)
- 10. Honors/Minor courses

18ks, Mechanicsi Department

III B Tech-2nd semester:

POTHARAGE PARAMETER

to Changer's little Heatings

- 1. Heat Transfer
- 2. Design of Machine Members-II
- 3. Introduction to CAD/CAM
- 4. Open Elective II
 - 1. Industrial Robotics
 - 2. Essentials of Mechanical Engineering
 - 3. Advanced Materials
 - 4. Introduction to Automobile Engineering
- 5. Professional Elective II
 - 1. Automobile Engineering
 - 2. Smart Manufacturing
 - 3. Advanced Mechanics of Solids
 - 4. Statistical Quality Control
 - 5. Industrial Hydraulics and Pneumatics
 - 6. MOOCs (NPTEL/Swayam) Course (12 Week duration)
- 6. Heat Transfer Lab
- 7. CAE & CAM Lab
- 8. Measurements & Metrology Lab
- 9. Mini Project (Design & Fabrication)
- 10. Research Methodology and IPR (mandatory noncredit course)
- 11. Honors/Minor courses

Resolved to accept the syllabus proposed for the above Courses of III B.Tech 1st and 2nd Semesters with modifications as suggested by members. To include the new courses feed back from stake holders is also taken and discussed about the implementation of interships and projects.

2.2 EXAMINATION MATTERS:

ITEM 2.2.1: To consider and approve the subject panel of examiners for the Question Paper setting.

Considering the point of Preparing the panel of Examiners for the paper setting of each subject, of the First and Second semesters of 3rdYear B.Tech in Mechanical Engineering (ME).

Resolved to accept the Board unanimously prepared the panel of Examiners for paper setting. The Head of the Department who is the Chairman of the Board is authorized to submit the same to the Principal in sealed cover for further process.

ITEM 2.2.2: To consider and approve the subject-wise List of Valuators for spot Valuation Considered the point of preparing the panel of Examiners for evaluation of each subject paper of 1st and 2nd semesters of 3nd year B. Tech in Mechanical Engineering.

Resolved to accept the Board unanimously prepared a panel of Examiners for evaluation. The Head of the Department who is the Chairman of the Board is authorized to submit the same to the Principal in sealed cover for further process.

CHAIRMAN

Head, Mechanical Department NRI Institute of Technology POTHAVARAPPADU (VIII) Agiripalli (Mdl), Krishna Dist.



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DEPARTMENT OF MECHANICAL ENGINEERING

COURSE STRUCTURE FOR THIRD YEAR B.TECH PROGRAMME

III YEAR I SEMESTER

Sl. No	Course Code	Title of the Course	Scheme of Instruction (Periods Per Week)				J (Ma	No. of Credits		
1	PCC	Thomas I E		T	P	Total	CIA	SEA		
		Thermal Engineering-II Design of Machine	3	0	0	3	30	70	100	3
2	PCC	Members-I	3	0	0	3	30	70	100	3
3	PCC	Machining, Machine Tools & Metrology	3	0	0	3	30	70	100	3
4	OE-I	1. Sustainable Energy Technologies 2. Operations Research 3. Nano Technology 4. Thermal Management of Electronic systems	3	0	0	3	30	70	100	3
5	PE-I	 Finite Element Methods Industrial Robotics Advanced Materials Renewable Energy 		0	0	3	30	70	100	3
6	PCC-L	Machine Tools Lab	0	0	3	3	15	35	50	1.5
7	PCC-L	Thermal Engineering Lab	0	0	3	3	15	35	50	1.5
8	soc	Advanced Communication Skills Lab		0	2	3	15	35	50	2
9	мс	MC Professional Ethics and Human Values		0	0	2	30	70	100	0
	Evaluation of summer internship which is completed at the end of II B.Tech II Semester									1.5
		Total	18	0	8	26	225	525	750	21.5
	H	Ionors/Minor courses	4	0	0	4	30	70	100	4



III YEAR II SEMESTER

SI.	Course				heme			Scheme		
No	Code	Title of the Course	Instruction (Periods Per Week)			Examination (Maximum Marks)			No. of	
			L	T	P	Total	CIA	SEA	Total	Credits
1	20A3203401 (PCC)	Heat Transfer	3	0	0	3	30	70	100	3
2	20A3203402 (PCC)	Design of Machine Members-II	3	0	0	3	30	70	100	3
3	20A3203403 (PCC)	CAD/CAM	3	0	0	3	30	70	100	3
4	PE-II	1.Automobile Engineering 2.Smart Manufacturing 3.Advanced Mechanics of Solids 4.Statistical Quality Control 5.Industrial Hydraulics and Pneumatics 6.MOOCs (NPTEL/ Swayam) Course (12 Week duration) 1.Industrial Robotics	3	0	0	3	30	70	100	3
5	OE-II	2.Essentials of Mechanical Engineering3.Advanced Materials4.Introduction to Automobile Engineering	3	0	0	3	30	70	100	3
6	20A3203491 (PCC-L)	Heat Transfer Lab	0	0	3	3	15	35	50	1.5
7	20A3203492 (PCC-L)	CAE&CAM Lab	0	0	3	3	15	35	50	1.5
8	20A3203493 (PCC-L)	Measurements & Metrology Lab	0	0	3	3	15	35	50	1.5
9	20A3203791 (MINI-PR)	Mini Project (Design & Fabrication)	0	0	4	4	30	70	100	2.0
10	20A3200802 (MC)	Research Methodology and IPR	2	0	0	2	30	70	100	0
		Total	17	0	13	30	285	595	850	21.5
	Hor	ors/Minor courses	4	0	0	4	30	70	100	4

L - LECTURE T - TUTORIAL P - PRACTICAL

CIA - Continuous Internal Assessment SEA - Semester End Assessment

At the end of III Year II Semester Students shall complete summer Internship spanning between 1 to 2 months (minimum of 4 weeks) at industry/ higher learning

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Ref.No: NRI/ECE/BoS/2022-23/01

Minutes of meeting for Board of Studies held on 27/5/2022

Time: 10.00 A.M

An online meeting is held in the department with the members of Board of studies to finalize and approve the curriculum for regulation NRIA20 for ECE, Pools offered to the students for honors and Minor Courses, Syllabus for III year (NRIA 20 Regulation), Open electives offered to other Departments and new courses introduced.

- 1) Considered and approved the Syllabus for NRIA20 B.Tech program along with professional electives (I and II).
- 2) Considered and approved the syllabus for open electives offered to other departments.
- 3) Considered and approved Honors and minor pools.
- 4) With the suggestion of BoS members new courses such as sensors and Instrumentation (SC), and Internet of Things (SC) are introduced.
- 5) Discussed about suggestions and feedback taken from various stake holders(Alumini, parents, industry, employers, students) regarding framing of the II B. Tech course structure to include internships, projects etc
- 6) Considered and approved the subject wise panel of examiners for paper setting.
- 7) Considered and approved the subject wise list of evaluators for spot valuation.

Prepared and submitted approved syllabus and list of evaluators to the chairman Board of studies and is authorized to submit the same to the principal in sealed cover for further processing.

Signature of Chairman

Board of Studies
Head, ECE Department
NRI Institute of Technology
POTHAVARAPPADU (Viil)
Agiripalli (Mdl), Krishna Dist.

The following members are	present in
the Bas Online meeting held	on 275/22
al- 10.00 am	
	•#
1) Dr A.M prasad	
2) Dr Anil Kumar Vuppala	
3.) Dr K. Ragha undra Rao	
49 pp. Nagidi Vaxa prasad.	
5) Mr. Sai pras anth Machiraja	
6) Dr P. Rama Koltswara Rap	(man)
7) Dr. R. Sunitha	
e) Dr v. Ramush Babu	
9) ·plot B.V.R.V. prasad	PH 1
10) Mr.V. Prinivasa Rao.	T Vin-
11) Mr. S. A. Rehman	84.
12) Dr. S. V. Rama Rao	BN. Buy
13.) Mrs. Y. Amitha	y. Amilu
14.) Mrs K. Swathi	Jula,
191) 1115 Kr Swathu uh M a	4
15.) Dr k. prathyusha 16.) Mr. p. Venu Gopal	wy
161) Mr. P. Volue gop a	Alti
17.) Mr S.K. Ashlaf Ali	Chatche
18.) Mrs Ch. Swathi	Par
19.) Mr. R. Upendar Rao	Pl
20') Mr D. Ravi shankal	Muny
en Mrs D. Murale	87



(Accredited by NBA:CSE,ECE &EEE)

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Ph: 0866 - 2469666 Website: nrigroupofcolleges.com e-mail: nrihitech@rediffmail.com

Dr. K. V. Sambasiya Rao, Dean Dept of CSE.

The Members of BoS in Computer Science and Engineering Respected Sir/Madam,

Sub: Board of Studies Meeting in Computer Science and Engineering, NRIA20 - Reg.

Thank you very much for your valuable suggestions during the previous virtual BOSmeeting held on July 31, 2021.

In continuation of our previous BOS meeting, I cordially invite you to attend the BOS Meeting in Computer Science and Engineering on May 27, 2022, at 10 a.m., and to contribute your valuable suggestion.

AGENDA

- 1. To discuss and finalize the Hnd Year Autonomous Course Structure for newly introduced B. Tech (CSE Telugu Medium) program.
- 2. To discuss and finalize the IInd Year Autonomous Course Structure for newly introduced B. Tech (Artificial Intelligence and Machine Learning) program.
- 3. To discuss and finalize the IIIrd Year Autonomous Course Structure for B.Tech CSE (DataScience) program.
- To discuss and finalize the HIrd Year Autonomous Course Structure for B. Tech CSE(Artificial Intelligence and Machine Learning) program.
- To discuss and finalize the list of B.Tech Open Electives to be offered by CSE Department.
- .6. To discuss and finalize the list of Minor and Honor courses
- To identify and approve the panel of examiners for the above courses.
- Any other item with the permission of the Chairman. Kindly make it

convenient to attend the meeting

Dt.: 10-05-2022

Copy to:

- The Principal, NRI Institute of Technology, Agiripalli.
- The Academic Officer, NRI Institute of Technology, Agiripalli.
- To all the members of Board of studies.

Communicate to all the members through: Email and Whatsapp

Agiripalli (Mdl.), Krishna

SuB: Minutes of Neeting of Internal Board of Studies Meeting on 13/5/22. The following members were present in the meeting at 2:00 pm 1. Dr. K.V. Sambasiva Rao 2. Dr. D. Sunectha 3: Dr. Ch. Surya Kiran 4. Dr. G. Shobana 5. Mr. Ch. V. Murali knishna 6. Mr. P. Raghuvcer Assoc. Prof. 15
The following members were present in the meeting at 2:00 pm 1. Dr. K.V. Sambasiva Rao 2. Dr. D. Sunectha 3. Dr. Ch. Surya Kiran 4. Dr. G. Shobana Assoc. Prof Cf. 5. Mr. Ch. V. Murali Knishna Assoc. Prof
The following members were present in the meeting at a chairman of the professor of the pro
1. Dr. K.V. Sambasiva Rao 1. Dr. D. Sunectha 3. Dr. Ch. Surya Kiran 4. Dr. G. Shobana 5. Mr. Ch. V. Murali Knishna Assoc. Prof Assoc. Prof Assoc. Prof
3: Dr. Ch. Surya Kiran Professor & HOBSO 4. Dr. G. Shobana Assoc. Prof Cf 5. Mr. Ch. V. Murali knishna Assoc. Prof I
3: Dr. ch. Surya Kiran Professor. M 4. Dr. G. Shobana Assoc. Prof Cf 5. Mr. ch. v. Murali knishna Assoc. Prof 3
3: Dr. ch. Surya Kiran Professor. N k. Dr. G. Shobana Assoc. Prof Cf 5. Mr. ch. v. Murali knishna Assoc. Prof 3
1. Dr. G. Shobana Assoc. Prof of 5. Mr. ch. v. Murali knishna Assoc. Prof
5. Mr. ch. v. Murali knishna Assoc. Prof 3
7. Mr. B. Dasarach Ram Assoc. Prof
8. Mr. P. Navendra Babii "ASSOC. Prof (A)
9. Mr. K. Chandramouli Associ Prof Mr.
10. Mr. T. B. Prasad Reddy Assoc. Prof 24
11. Mr. B. VenuGropal ASSOC. Prof W
12. Mx. L. Narasimba Swarm. Assoc. Prof
13. Mr. J. Strashankas Assoc. Prof A
14. Mr. X. N.S. satyanarayana Assit Prof y
15. Mr. ch. Ganesh Asst. Prof Orgy
16. Mr. A. Tarak Ram Asst. Prof Baxler
17. Mrs. 3 Nobida Assoc. Prof No. e
18. Mrs. Karudaya Sri Assoc. Prof Kly
19. Mrs. ch. Santha Kumari Assoc. Prof &
20. Mrs. ch. Santhi Asst. Prof
21. Mrs. T. Revoli ASA-BOF 7
20. Mrs. T. Hemalatha Asst. Brof by
23. Mrs. V. Aning Asst. Prof the

At the outset the chairman welcomed the members to the meeting of the internal Bas and Placed the agenda for the deliberation of the members. The following deliberations one made:

1. Identifying the Course Structure and Course

Contains for the 3rd year Bitch CSE(DS)-NRIA20

Regulation and the Same will proposed before

the external Bos for their Suggestions/feedbacks/

STRUCTURE FOR THIRD YEAR B.TECH CSE (DS) PROGRAMME

III YEAR I SEMESTER

Scheme of Examination Scheme of Instruction No. of (Maximum Marks) (Periods Per Week) Course Code Title of the Course SI. No Credits SEA Total CIA P/D Total L 20A3105402 Artificial Intelligence 20A3105401 Computer Networks 20A3142401 Operating System 20A314460X 20A314451X PE-1 Operating System & 20A3142491 1.5 Computer Networks lab Artificial Intelligence 20A3144491 1.5 Lab **DEVOPS** 20A3105991 70* **Employability Skills-1** 20A3144801 Summer Internship 2 Months (Mandatory) after second 3-15 year (to be evaluated during V semester) 21.5 Total Honors/Minor courses - 2 WELL TO

Code	Professional Elective - 1
20A3144511	1.1. Compiler Design
20A3144512	1.2 Internet of Things
20A3144513	1,3 Data Warehousing and Data Mining
20A3144514	1.4 Advanced Data Structures

Head, CSE Department
Head, CSE

of

dits

At the outset the chairman welcomed the members to the meeting of the internal Bos and Placed the agenda for the deliberation of the members. The following deliberations are made:

1. Identifying the Course Structure and Course

Contents for the 3rd year Bitch (SE(DS)-NRIA20:

Regulation and the Same will proposed before the external Bos for their Suggestions/feedbacks/
approval.

SL No	Course Code	Title of the Course	Schen (Per		instru er Wo		Scheme (Maxin	of Exami num Ma	No. of	
			L	T	P/D	Total	CIA	SEA	Total	Creun
1	20A3244401	Data Visualization Techniques	3	0	0	3	30	70	100	3
2	20A3242401	Design and Analysis of Algorithms	3	0	0	3	30	70	100	3
3 20A3244402		Foundations of Data Science	3	0	0	3	30	70	100	3
4	20A324460X	OE-2	3	0	0	3	30	70	100	3
5	20A324451X	PE-2	3	0	0	3	30	70	100	3
6	20A3244492	Data Visualization Lab	0	0	3	3	15	35	50	1.5
7	20A3244491	Algorithms Lab	0	0	3	3	15	35	50	1.5
8	20A3242493	Advanced Data Science Lab	0	0	3	3	15	35	50	1.5
9	20A3242991	MEAN stack Technologies	0	0	4	4	15	35	50	2
10	20A3244801	Employability Skills - 2	2	0	0	2	30	70*	100	0
	Tot		17	0	13	30	240	560	800	21.5
	Honors/Mino	r courses - 3	3	0	2	5	30	70	100	4

Industrial/Research Internship (Mandatory) 2 Months during summer vacation

Code	Profession	onal Elective -2	
2943244511	2.1 Deep Learning and its Applications	MD1=	12
2043244512	2.2 Big Data Analytics	相談的	7
20A3244513	2.3 Predictive Analytics		
26A3244514	2.4 Object Oriented Analysis and Design	7.	

Head, CSE Department
Head, CSE Department
NRT institute of Technology
POTHAVAHAPPADU (VIII)
Agiripalli (Mdl.), Krishna Disc

2. Identifying the course structure and course Course Contents for the 3rd year Biech CSE(ALGML)-NRIA20-Reg and the Same will proposed before the cuternal BoS for their Suggestions/Feedbacky/approval.

STRUCTURE FOR THIRD YEAR B.TECH CSE (AI&ML) PROGRAMME

III YEAR I SEMESTER

			Scheme of Instruction (Periods Per Week)				Scheme of Examination (Maximum Marks)			No. of
SI. No	Course Code Title of the Course	L	Т	P/D	Tota		SEA	Total	Credits	
1	20A3142401	Big-data Analytics	3	0	0	3	30	70	100	3
2	20A3105401	Computer Networks	3	0	0	3	30	70	100	3
3	20A314240‡	Operating Systems	3	0	0	3	30	70	100	3
4	20A314260X	OE-1	3	0	0	3	30	70	100	3
5	20A314251X	PE-1	3	0	0	3	30	70	100	3
6	20A3142491	Operating System & Computer Networks lab	0	0	3	3	15	35	50	1.5
7	20A3142492	Big-data Analytics Lab	0	0	3	3	15	35	50	1.5
8	20A3105991	DEVOPS	0	0	4	4	15	35	50	2
10	20A3142801	Employability Skills	2	0	0	2	30	70*	100	0
	er Internship 2 Months (o be evaluated during V	Mandatory) after second semester)	0	0	0	0	30	70	100	1.5
,	Tota		17	0	13	30	255	595	850	21.5
	Honors/Minor	courses - 2	3	0	2	5	30	70	100	4

Code	Professional Elective - 1	25	100 (5)
20A3142511	1.1 Compiler Design		3 26 Ato
20A3142512	1.2 Internet of Things		
20A3142513	1.3 Data visualization techniques	attis	
20A3142514	1.4 Advanced Data Structures	No.	*

Mead, cse Department
Head, cse Department
MRI Institute of Technology
NRI Institute of

142

2. Theobi Bring the Cours	se structure and course
_ 2. Identifying the Cours Contents for the 3rd_	year Bitech CSE(ALGIML)-
NRIA20-Reg and the s	Same will proposed before their Suggestions / feedbacks
the caternal Bos for	their Suggestions / teed bucky
/ approval.	

SL No	Course Code Title of the Course		Scheme of Instruction (Periods Per Week)				Scheme of Examination (Maximum Marks)			No. of
			l.	T	P/D	Total	CIA	SEA	Total	Credit
1	20A3242402	Deep Learning and its Applications	3	0	0	3	30	70	100	3
2	20A3205401	Cryptography and Network Security	3	0	0	3	30	70	100	3
3	20A3242401	Design and Analysis of Algorithms	3	0	0	3	30	70	100	3
4	20A324260X	OE-2	3	0	0	3	30	70	100	3
5	20A324251X	PE-2	3	0	0	3	30	70	100	3
б	20A3242493	Deep Learning Lab	0	0	3	3	15	35	50	1.5
7	20A3242492	Cryptography and Network Security lab	0	0	3	3	15	35	50	1.5
8	20A3242491	Algorithms Lab	0	0	3	3	15	35	50	1.5
9	20A3242991	MEAN stack Technologies	0	0	4	4	15	35	50	12
10	20A324280Î	Employability Skills - 2	2 1	0	0	2	30	70*	100	0
	To	tal sales	17	0	13	30	240	560	800	,21.5
	Honors/Mino	r courses - 3	3	0	2	5	30	70	100	4

Code.	Professional Elective -2							
20A3242511	2.1 Natural Language Processing	1984		* ···				
20A3242512	2.2 Intelligent Information Retrieval							
20A3242513	2.3 Reinforcement Learning	98	148644					
20A3242514	2.4 Object Oriented Analysis and Design			1 -				

NRI Institute of Technology

3. Identifying the course structure and course contents, for the 3rd year BiTech CSE-NRIAZO

-Reg and the Same will be propose before the enternal Bos for their Suggestions

- Feed backs / approvale.

HI YEAR I SEMESTER

	Course Code Title of the Course	Schen	ne of I	nstruc er We	ction ek)	Scheme (Maxis	No. of Credits			
SI. No	Course Code	Title of the Contra	1.	4,	P/D	Total	CIA	SEA	Total	
	2042105402	Artificial Intelligence	3	0	0	3	30	70	100	3
	20A3105402	Computer Networks	3	0	0	3	30	70	100	* 3
3	20A3105401 20A3105403	Design and Analysis of Algorithms	3	0	0	3	30	70	100	3
-	20A310560X	OE-1	3	0	0	3	30	70	100	3
4		PE-1	3	0	0	3	30	70	100	3
5	20A310551X 20A3105491	Computer Networks lab	0	0	3	3	15	35	50	1.5
7	20A3105491 20A3105492	Al Programming Lab	0	0	3	3	15	35	50	1.5
8	20A3105991	DEVOPS	0	0	4	4	15	35	50	2
10	20A3105801	Employability Skills-1	2	0	0	2	30	70*	100	0
Summe	er Internship 2 Months (N	Mandatory) after second year (to ring V semester)	0	0	0	0	30	70	100	1.5
		tal	17	0	10	27	255	595	850	21.5
====	Honors/Mine	r courses - 2	3	0	2	5	30	70	100	4

Code	Professional Elective - 1		
20A3105511	1.1 Cloud computing		
20A3105512	1.2 Software Testing Methodologies and Tools	, 3 ² .	
20A3105513	1.3 Data Warehousing and Data Mining	16. Sept.	172
20A3105514	1.4 Advanced Data Structures		
V812		< V.	

and industry requirement, new courses are

144

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3. Identifying the Course Structure and Course contents for the 3rd year Birech CSE-NRIA20.

-Reg and the Same will be propose before the external Bos for their Suggestions/

Feedbacks / approval.

III YEAR II SEMESTER

l. No	Course Code	Title of the Course	1 2 2 2 2 2 2		Instruc Per We		Scheme (Max	No. of		
			L	T	P/D	Total	CIA	SEA	Total	Credits
1	20A3205403	Machine Learning	3	0	0	3	30	70	100	3
2	20A3205402	Compiler Design	3	0	0	3	30	70	100	3
3	20A3205401	Cryptography and Network Security	3	0	0	3	30	70	100	3
4	20A320560X	OE-2	3	0	0	3	30	70	100	3
5	20A320551X	PE-2	3	0	0	3	30	70	100	3
6	20A3205491	Machine Learning Lab	0	0	3	3	15	35	50	1.5
7	20A3205492	R Programming lab	0	0	3	3	15	35	50	1.5
8	20A3205493	Compiler Design Lab	0	0	3	3	15	35	50	1.5
9	20A3205991	MEAN Stack Technologies	0	0	4	4	15	35	50	2
10	20A3205801	Employability, Skills - 2	2	0	0	2:	30	70*	100	0 ;
3	То		17	0	13	30	240	560	800	21.5
	Honors/Mino	or courses - 3	3	0	2	5	30	70	100	4

Industrial/Research Internship (Mandatory) 2 Months during summer vacation

Code	Prof	essional Elective -2	
20A3205511	2.1 Advanced Database Management Systems	TO THE TOTAL PROPERTY OF THE P	64
20A3205512	2.2 Network Programming		
20A3205513	2.3 Big data Analytics		40-
20A3205514	2.4 Object Oriented Analysis and Design	100	

and industry regularment, new courses are

Head, CSE Department of Technology (NEW Institute of Technology (NEW INSTITUTE OF THE PROPERTY OF THE PROPERTY

4. Identifying 1 contents for the NRIA20 - Reg a the external	— Rod d_th	_ye	ar_E Same	will be	E-Telu propa	quine se befi
Internet of Things	3	0.	o de	3	230	70
Python programming Lab	0	0.	3	1 3	13.	35
Data Base Management System Lab	0.	0	3	3	.a15	35
Internet of Things Lab	0	0	3	3	15	35
Web Application Development Using Full Stack - Frontend Development - Module - I	0.	Ó	4	4.	15.	-35
Aptitude and Reasoning	0.	2	-0	2	15	35
rtal	15	2	13	30)	225	525

Course Code	Title of the Course	Scheme of Instruction (Periods Per Week)					e of Exam Imum M	No. of Credits		
Course Cour		Le	T	P	Total	-CIA	SEA	Total	3	
20 A 2 1 0 0 2 0 1	Vector calcolus, Transform Techniques and Panial Differential Equations	3	0	0	3	jo	70	100	ine	
20A2105401	Python Programming	3	0	0,,	3	.30	70	100	3 id	
2042103402	Data Base Management Systems	3	0	0	- 3	30	70	100	3 (4)	
20A2103403	Computer Organization and Architecture	- 3	0	0		jo	' 70	100	3	

Head CSE Department
NRI (Institute of Technology
NRI (Institute of Technology
POTHAYARAPPADU (VIII)
Agiripalii (Mdl.),

4. Identifying the course structure and course
terrients vo he Rod year Bitech (CSE-Telugy medium
NRIA20 - Reg and the same will be probase before
the external Bos for their Suggestions/ Feedbacks/
approvals.

ILYEAR I SEMESTER

కోర్పుకోద	కోర్పు యొక్క ళీర్తిక				ర్మేష్టన్ యడ్స్క్	36	180 ಟ		
		20	143	3	meo.	CIAT	సముద్ర	Tweo:	సంఖ్య
20/2100201	ెక్టర్ కాలిక్కులస్ (టాన్ఫోఫోర్మ్ టక్కక్స్ మరియు పార్తియల్ డిఫరెన్తియల్ ఈక్కేషన్స్		0	0		30	70	100	
20A2105401	ನಿರ್ದಾಭ್ರಕ್ಷಿಗಾವಿಂಗ	(\$3)	0	0	3	30.	70	100	3
20A2105402	దోటా బేస్ మనేజీ మెంట్ సిస్టెమ్స్	3.	Ö	Ô.		30	70	100	
20A2105403	కంప్యాటర్ ఆర్వేజేపన్ మరియు అర్కిటక్సర్		0	Ď.		30	70	100	
20A2105401	ఇంటర్నెట్ ఆఫ్ థింగ్స్	3	in:	0		30	3 70	000	
20A2105491	పైథాన్ (సోగ్రామింగ్ లాభ్రా	Q	0	3	3	150	35	50	15
20/2105492	డోటా బెస్ మేనేజ్ మెంట్ సిన్జమ్ ఆయ్	0	0			13	35	501	13
,20A2105493	ఇంటర్నెట్ ఆఫ్ థింగ్స్ (పరుగశాల	0	Ô,	3	and the second	15	35	.30 gr	137
20A2105992	పూర్తి స్టాక్ ని ఉపయోగించి వెబ్ అఫ్లిక్లపన్ డెవలస్వెనించ్ - మంటెండ్ డెవలస్వెనించ్ - మాద్యుల్ - 1	0;		4		15	. 33	50	2
20AZ105901.	్ ఆఫ్టిట్యూర్ మరియు రజనింగ్.	×0	2	-	2	ıs .	7 33	. so*	0
	miso of the same said	335	123	133	3017	225	323	750	215

Head, Department

Head, Of Technology

NRI Institute of Technology

NRI Institute of Technology

POTHAVAHAPPADU (VIII)

Agiripalli (Mdl.), Krishna Dist.

5. Identifying the course	year Brech-ATEMI-NAIA20
Contents for the II	YEAR BIECH-ATEML-NRIAZO
- fee and the same	will be proposed before
the external Bos of	for their Suggestions feedbacks
-/ approvals.	Advanced (Issue
	A T D. 3.47

377	SEMESTER	1 TO PER 1	A T	P.	NAT.
8 8 8	SEMESTER	- B. Lech -	AΙ	0	TAIL

			Schei (Pei	me of I	nstruc er Wee	tion ek)	Scheme o		No. of Credits	
SL No	Course Code	Title of the Course	L	Т	P/D	Tat	CIA	SEA	Total	
1	20A2100201	Vector Calculus, Transform techniques and Partial differential equations	3	0	0	3	30	70	100	. 3
2	20A2105401	Python Programming	3	0	0	3	30	70	100	3
3	20A2105402	Data Base Management Systems	3	0	0	3	30	70	100	3
4	20A2105403	Computer organization and architecture	3	0	0	3	30	70 -	· 100 ·	3
5	20A2161401	Statistical Foundations of Artificial Intelligence	3	0	0	3	30	70	100	3
6	20A2105491	Python programming Lab	0	0	3	3	15	35	50	1.5
7	20A2105492	Data Base Management System Lab	. 0	0	3	3	15	35	50	1.5
8	20A2161491	Digital Logic Design Lab	1	0	2	3	15	35	50	1.5
9	20A2161992	Mobile Application Development Lab	0	0	4	4	15	35	50	2
10	20A2100802	Professional ethics and Human Values	0	2	0	2	30	70	100	0
Fotal		1.20 -	15	0	13	28	240	560	800	21.5

IV SEMESTER - B.Tech - AI & ML

=	Course Code	Title of the Course	Schen (Per	ne of Ir iods Pe	r Wee	ion k)	Scheme of (Maximi	No. of Credits		
. No			L	T	P/D	Tot al	CIA	SEA	Total	1
1	20A2200201	Probability and Statistics	3	0	0	3	30	70	100	3
2	20A2205401	Web Technologies	3 💸	0	0	3	30	70	100	3
3	20A2205402	Software Engineering	3	0	0	3	30	70	100	3
4	20A2242401	Introduction to Machine Learning	3	0	0	3	30	70	100	3
5	20A2205404	Formal languages and automata theory	3	. 0	0	3	30	70	100	3
6	20A2205491	Web Technologies Lab	0	₂₋ 0	3	3	15	35	50	1.5
7	20A2205492	Software Engineering Lab	0	0	3	3	15	35	50	1.5
8	Pc lab	Machine Learning with python Lab	0	0	3	3	15	35	50	1.5
9	soc	NLP with python lab	0	0	4	4	15*	35	50	2
9		Total nternship 2 Months (Mandato	15	0	13	28	210	490	700	20.5

Honors/Minor courses -1 (The hours distribution can be 3-0-2 or 3-1-0 also)

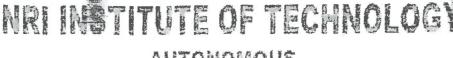
6. Identify the revised pool for Honordeque and
the same will be proposed before the external
Bos for their suggestions feedbacks opposed.

Pools of Courses for B.Tech: CSE(Honors)

	II – II	III – I	III – II	IV - I	
Pool 1	Mobile Application Development	Full Stack Web Development	Cloud Application Development and Deployment	Computational Number Theory	
			User Experience Design	Devops & Alops	
fundamentals for Intelligence:		AI tools for Applications Building	Reinforcement Learning		
Pool 2	Artificial Intelligence	Principles and Techniques	Machine Learning & Deep Learning	Natural Language Processing	
Pool 3	Image Processing	Computer Graphics and 3D	Multimedia & Animation	Human Computer Interaction	
1 0012		Design & Printing	Virtual, Augmented and Mixed Reality	Simulation and Modeling	
	Statistical Foundations	Information	Data Pre-processing	Devops & Alops	
Pool 4	for Data Science	Modeling and Database Design	Data Visualization Techniques	Data Analytics for Large Datasets	

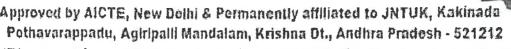
Before Presenting the draft copy of the course Structure and contents to the external Bas meeting was convened with Stake holders parents, Students.

Alumi for their suggestions and feedback perents.





Accredited: NAAC with "A", NBA (CSE, ECE & EEE)



URL: www.nrigroupofcolleges.ac.in, Ph: 0866 2469666, Email: principal@nriit.edu.in

Dt:10-3-2023

Dr.M. Chaitanya kishore Reddy Dept.of IT

To

The Members of BOS in Information Technology

Respected sir,

Sub:Board of studies Meeting in Information Technology.NRIA20-Reg.

I cordially invite you to attend the BOS Meeting in Information Technology on March 16.2023 at 1:30.pm., and to contribute your valuable suggestion.

AGENDA

- 1. To discuss and finalize the IV year Autonomous course structure for **B-TECH IT Program.**
- 2. To Identify and approve the panel of examiners for above courses.
- 3. Any other item with the permission of the chairmen .kindly makes it convenient to attend the meeting.

महिन्द्रेड, किंग्टिनेस्ट्रिसिश्र) NRI institute of Technology

1. The principal NRI Institute of technology . Agiripan THAVARAPPADU (V) Agiripalli (M), Krishna Dist.

2. The academic officer. NRI Institute of technology. Agiripalli.

3. To all the members of Board of Studies

Communicate to all themembers through; email and whatsapp

At the outset the chairman welcomed the members to the meeting of the internal Bos and placed the agenda for the deliberations are made.

1. I dentify the course structure and course contents for the 4th year B. Tech IT - NRIA20 regulation and the same will be proposed before the external BOS for their suggestion feedbacks/approvals

IV YEAR I SEMESTER

Title of the Course		(Peri	Scheme of Instruction (Periods Per Week)				Scheme of Examination (Maximum Marks)			
	PE3	1. Data Science	L	T	P/D	Total	CIA	SEA	Total	Credit
1		Block Chain Technology Cognetive Science and Analytics(MOOCS) Robotic Process Automation and Development	3	0	0	3	30	70	100	3
2	PEA	Deep Learning and Applications Design Thinking in Software Development(MOOCS) Industrial IOT for SMART Cities Natural Language Processing	3	0	0	3	.30	70	100	3
3	PES	10T Design for connected Healthcare Predictive Analytics 3. Edge Computing(MOOCS) 4 Social Networking and Semantics	3	0	0	3	30	70	100	3
4	OE3	5. 5.Data Visualization Techniques Open Elective -3			1	1 1	- 1			1
5	DEA	Open Elective -4	3	0	0	3	30	70	100	3
6	JISS	Universal Human Values	_ 3	0	0	3	80	70	100	1 3
7	Audit Course "		3.1200	0	Ι.υ.	3	30	70	100	3
	SKILL	Toward In the Control of the Control	2	-0	0	2	30	70	100	0
8	ADVANCED COURSE	The state of the s	0	0	2	4	15	35	50	1
9	Summer Interns year (to be evalu	hip 2 Months (Mandatory) after third attended during VII semester)	0	ò	0	0	30	70	- 	3
		Total	17	0	4	21	225	70, 525	750	22
	Honor	s/Minor courses - 3 IV YEAR II SE	3	0	2	5	30	70	100	4

Sl. No		Course Code	Title of the Course	Scheme of Instruction (Periods Per Week)				Scheme of Examination (Maximum Marks)			No. of
H	-		Major Project	1.	T		Total	CIA	SEA	Total	Credits
	l	Project .	Project Work, Seminar and Internship in Industry			16	16	.30	70	100	8
	2	CSI*	Community Service Project			8	8	100	()	100	4
					1.	24	24	130	70	200	

AUTONOMOUS

Accredited: NAAC with "A", NBA (CSE, ECE & EEE)

Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada Pothavarappadu, Agiripalli Mandalam, Krishna Dt., Andhra Pradesh - 521212

URL: www.nrigroupofcolleges.ac.in, Ph: 0866 2469666, Email: principal@nriit.edu.in

Dt:01-06-2023

Dr. J.Rajendra Prasad,

Dept.of IT

To

The Members of BOS in Information Technology

Respected sir,

Sub: External Board of studies Meeting in Information Technology.NRIA20-Reg.

I cordially invite you to attend the BOS Meeting in Information Technology on June 03, 2023 at 10:00.AM. In a virtual mode. And to contribute your valuable suggestion.

<u>AGENDA</u>

To discuss and finalize course structure and course contents of:

- 1. IV th B.Tech IT program.
- 2. The list of B.Tech Open Electives to be offered by IT Department.
- 3. The list of Minor and Honor courses
- 4. The list of Open electives
- 5. To identify and approve the panel of examiners for the above courses.
- 6. Any other item with the permission of the Chairman.

Kindly make it convenient to attend the meeting.
The meeting link is: https://shorturl.at/hpvQV

CHAIRMAN

मध्यिर्ग छन्द्रस्ति। NRI Institute of Technology

Copy to:

1. The principal NRI Institute of technology . AgiripallOTHAVARAPPADU (V)

- 2. The academic officer. NRI Institute of technology Agiripalli. (M.), Krishna Dist
- 3. To all the members of Board of Studies

Communicate to all themembers through; email and whatsapp

Minute of Heeting

Subject: Majority of Hostings of External Box On
The following Members are present in the meeting at 10: An



NRI INSTITUTE OF TECHNOLOGY

AUTONOMOUS

Accredited : NAAC with "A", NBA (CSE, ECE & EEE)

Approved by AICTE, New Delhi & Permanently affiliated to JRTUK, Kakinada Pothavarappadu, Aginpalli Mandalam, Krishna Ot., Andhra Pradesh - 521212 URL: www.nrigroupofcolleges.ac.in, Ph. 0866 2469666, Email: principal@nriit.edu.in

Board of Studies in Information Technology

S no	Name of the Teacher	Designation	
		chairman	
1	Dr. J.Rajendra Prasad		Chairman, BOS in IT
		Members of the Faculty	
2	Dr.Sk. Mahaboob Basha	Professor & Academic coordinator, 9494399870,mahboob@nriit.edu.in	Member
- 4	Dr.MChaitanya Kishore Reddy	Professor,9703062534, chaitanyakishore@nriit.edu.in	Member
4	Mr .A. Gopala krishna	Assistant Professor,9948681766.gopalakrishna@nriit.edu.in	Member
	Mr. A. Ravi Kiran	Assistant Professor,9703130497 ravikiran aala@gmail.com	Member
	Mr .Narasimha Rao	Assistant Professor,8184972436,narasimha3236.d/gmail.com	Member
7	Mr.Ch.Kiran Babu	Assistant Professor,8074040718,kiran.ch à nriit edu.in	Member
8	Dr.N.Ramakrishnaiah	Professor, Department of computer science and Engineering, UCEK, JNTUK-kakinada, nrkrishna 27gmail.com, ,9652/30019	Subject Expert
	SUBJECT AND IND	USTRIALIST NOMINATED BY ACADEMIC COUNCIL	
()	Dr.R.B.V.Subramanyan	3 v aranga (10 v spora gnian com v v 1 - 9 - 9 1 3 - 40 9 6 9	Subject Expert
10	Dr.G.vara prasad	Associate professor BMS college of lingineering, Benguluru, 934962596, dryamprasad @gmail.com	Subject Expert
11	Prof OBV Ramanainh	Professor, CSE Department IN PUR college of Engineering, JNTUK, Hyderabad, 9440501888, obvramanaiah@gmail.com	Subject Expert
12	Prof Gangadhara Rao Kancharla	Professor, Computer Science, ANU. kancharla12sta gmail.com, 9440866588	Subject Expert
	Representa	tive from Industry /Area Realating to placement	
12	Mr.K.Veeranjaneyulu	Accenture Innovation HUB, Ecospace business park, Varthur Hobli, Ballandur,	Industry Expen
	a kanananananananan ili siringisti. Siringi kananan ka	Meritorious Alumnus	
13	Mrs.A.Srillakshmi	D.no:3-11/C.Near High School Street.Attreyapuram	Member

Signature of chairman

Signature of Principal

proceeding: The neeting was conducted though Orlin on 3/06/2023 at 10:00A4 Dang + https://3ballet at lipy The Claiman of Bos in Internation rectioney has welcomed all the member and presented the approduce. 1) The Chairman of BOS has presented the Course orthuclius Syllabor Correct for IVB. Tel 25 program of MRIASO Regulation. The Goard has discused and finalized in course solucion and the Syllabus as were given in Cinicular. (2) The claiman of BOS Lay prevented the course structs, Syllaton Cortesty for honour and Kinor degree of 25 NRIA20 Agulation The board has discussed of finalized the course of meter and the Syllabrus and war given in the Circular file. (3) The claims pressiled the community Denvice proper IT rules which are incorporated in the final Semister of NPIAZO Regulation The board has finalized the rule. (4) The Chairman presented the introship offered compagies but and Evaluation proces for the intenship the board supported of do Eithics online or office intenship stepends on the aubitable - Ciry aumobines (5) The chairman presented the course contents of open Election in the Differ Brech 3T SPIARO Regulation . The board has discussed and finalize the open e eclina course contrati.

will will be specially the



(AUTONOMOUS)

Approved by AICTE, New Delhi: Permanently Affiliated to JNTUK, Kakinada Accredited by NAAC with "A" GRADE, Accredited by NBA (CSE, ECE&EEE) An ISO 9001:2015 Certified Institution



Pothavarappadu (V), Agiripalli (M), Eluru District, A.P., India, Pin: 521 212 URL: www.nriit.edu.in, email: principal@nriit.edu.in, Mobile: + 91 8333882444

From:

Date: 19-10-2022

Dr.Ch.Hema,

Chairman, BOS in MBA,

Professor & HOD,

NRI Institute of Technology,

Pothavarappadu (V), Agriripalli(M),

Vijayawada- 521212.

To

All the BOS Members in MBA Dept.

Sub: Meeting of Internal Board of Studies in Master of Business Administration-Reg.

A meeting of Board of Studies in the MBA Department will be field on 20th October 2022 at 2: 30 PM in the HOD's Chamber, Department of MBA, NRI Institute of Technology, Vijayawada-521212.

Agenda

- 1. To discuss and verify the Autonomous Course Structure for I MBA.
- 2. To discuss and verify the Autonomous I MBA I Semester Syllabus
- 3. To discuss and verify the Autonomous I MBA II Semester Syllabus
- 4. To discuss and verify the Autonomous MBA program Academic Regulations with the stake holders.
- 5. Any other item with the permission of Chairman.

Chairman

BOS for MBA

Head, MBA Department NRI Institute of Technology POTHAVARAPPADU (Vill) Agirioalli (Mdl), Krishna Dist

Copy to

- 1. To the Principal, NRI Institute of Technology.
- 2. To the Academic Officer, NRI Institute of Technology.
- 3. To all the members of Board of Studies.

Discurred about Autonomous MBA academic regulations. and vertication is done.
Item 5: Verified the subjects to be offered in the IPUBATETTO Semester with course Content.
Discussed the Panel of examines for the Discussed the Panel of examines for the Discussed and I semester Paper Setting and Valuation.
e the state of the
Chairman thanked the Boald of Studies
Head, MBA Department NRI Institute of Technology POTHAVARAPPADU (Vill) Agiripalli (MdI), Krishna Dist



(AUTONOMOUS)

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Pothavarappadu (V), Agiripalli (M), Eluru District, A.P., India, Pin: 521 212 URL: www.nriit.edu.in, email: principal@nriit.edu.in, Mobile: + 91 8333882444

From:

Date: 20-10-2022

Dr.Ch.Hema,

Chairman, BOS in MBA,

Professor & HOD,

NRI Institute of Technology,

Pothavarappadu (V), Agriripalli(M),

Vijayawada- 521212.

To

All the BOS Members in MBA Dept.

Sub: Meeting of Board of Studies in Master of Business Administration-Reg.

A meeting of the Board of Studies in the MBA Department will be held on 22th October 2022 at 2: 30 PM in the HOD's Chamber, Department of MBA, NRI Institute of Technology, Vijayawada-521212.

Agenda

- 1. To discuss and Finalise the Autonomous Course Structure for I MBA program..
- 2. To discuss and Finalise the Autonomous I MBA I Semester Syllabus
- 3. To discuss and Finalise the Autonomous I MBA II Semester Syllabus
- 4. To discuss and Finalise the Autonomous MBA program Academic Regulations with the stake holders.
- 5. To discuss and Finalise the External Examination question paper format.
- 6. To discuss and Finalise the Internal Examination question paper format.
- 7. To identify and approve the panel of examiners for the above courses.
- 8. Any other item with the permission of Chairman.

Chairman

BOS for MBA

Head, MSA Department
NRI Institute of Technology
POTHAVARAPPADU (Vill)
Agiripalli (Mdl), Krishna Dist

Copy to

- 1. To the Principal, NRI Institute of Technology.
- 2. To the Academic Officer, NRI Institute of Technology.
- 3. To all the members of Board of Studies.

Sab:
Minutes of meeting of Interns Pos meeting
Minutes of meeting of Internal Bos meeting. held on 20-10-2022.
, , , , , , , , , , , , , , , , , , , ,
The following members were attended the meeting
2. Dy t. CHINNI ERISTANA - Member - Charles
4. Ms. P. MANUSA - Member - Managar
4. 1.15. P. MANIASA - Member P Managa
The electrical desired to the electrical des
The chairman welcomed the members to the internal Bos meeting and forcasted the agenda for the deliberations.
There dos meeting and torcasted the agenda
- for the deliberations."
The following discursions well made as per the
The following discussions were made as per the items of the agenda.
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Meeting Minutes:
. Ptem !:
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for I HBA program.
The post am.
Item 2;
Discussed about The I MBA Isomestice
comes context. with the stake holders
Itum 3:
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The state of the s

Discurred about Autonomous 110A acado
regulations. and vertilentian is done. " acado
Flore 5:
TRIBATEIL Semester with course Content.
Fum 6:
Discurred the Panel of examines for the Tsemester and II semester Paper setting and valuation.
I semester and I semester paper Setting and
Chairman Hanked the Board of Studies
members.
H for
CHAN
Mead, MEA Department NRI Institute of Technolog
POTHAVARAPPADU(VIII) Agiripalii (Mdi), Krishna Dist
Agriphic
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(AUTONOMOUS)

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Date 29.09-2022

From.

Dr Ch Hema,

Charman, BOS in MBA.

Professor & HOD,

NRI Institute of Technology,

Pothavarappadu (V), Agriripalli(M),

Vijayawada-521212.

To

All the BOS Members in MBA Dept.

Sub: Meeting of Internal Board of Studies in Master of Business Administration-Reg.

A meeting of Board of Studies in the MBA Department will be held on 30th September 2022 at 2: 30 PM in the HOD's Chamber, Department of MBA, NRI Institute of Technology, Vijayawada-521212.

Agenda

- 1. To discuss the Autonomous Course Structure for I MBA.
- 2. To discuss about I MBA I Semester Syllabus
- 3. To discuss about I MBA II Semester Syllabus
- 4. To discuss about Autonomous MBA program Academic Regulations with the State Lotders
- 5. Any other item with the permission of Chairman.

Chairman

BOS for MBA Head, MBA Department NRI Institute of Technology POTHAVARAPPADU (Vill) Agiripalli (MdI), Krishna Dist

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- 1. To the Principal, NRI Institute of Technology.
- 2. To the Academic Officer, NRI Institute of Technology.
- 3. To all the members of Board of Studies.

MINUTES OF MEETING 33

Sab: Minutes of meeting of Internal Cos hold
The following members was present in the meeting
1. Pr CH-HEMA - chairman - CHHWL 2. D. K. CHINNI KRISHNA- Membel - CHIMI 3. MS. G. DHANA LAISHMI- Membel - Ly Rhanletshi 4. MS. P. MANNOA - Membel - P. Managa
The chairman invited the members to the Internal Bas meeting and projected the agendar for the reflection of the members.
The following discussions were made as per the items of the cremated agenda:
Muting Minutus:
ITEM 1;
Discussed about - the Autonomous course
Stricture for I MBA programe
ITEM 2:
Discurred about IMBA I semester conserve Content.
With the stake holders
21EM3:
Discussed about I MBA II semester content.

Discussed about Autonomous MBA program
Academic legulations.
Discussed about the 4st of Activities to be conducte
Chairman - Shanted - tre Board of studies
members.
CHHU
Head, MBA Department NRI Institute of Technology POTHAVARAPPADU(Vill) Agiripalli (Mdi), Krishna Dist