1.1.1(2)-Academic Council

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AGENDA NOTES

FOR

FIFTH MEETING OF THE

NRI INSTITUTE OF TECHNOLOGY
(Autonomous)
ACADEMIC COUNCIL

DATE : 9th December 2022

TIME : 11.00 AM

VENUE: Online Meeting

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

NRI INSTITUTE OF TECHNOLOGY
(Autonomous)

FIFTH MEETING
OF THE
ACADEMIC COUNCIL

DATE : **9th December 2022**

TIME : **11.00 AM**

VENUE: **Online Meeting**

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NRI INSTITUTE OF TECHNOLOGY

(Accredited by NAAC with A-Grade:: ISO 9001-2015 Certified)
(Approved by AICTE, New Delhi: Autonomous)
POTHAVARAPPADU (V), (via) Nunna, Agiripalli (M), Krishna District, A.P.,
PIN: 521 212, Ph: 08656-324999
Website: www.nriit.edu.in e-mail: nrihitech@rediffmail.com

ONLINE MEETING OF THE ACADEMIC COUNCIL OF NRI INSTITUTE OF TECHNOLOGY TO BE HELD ON 9th December 2022AT 11 AM.

Members:

S.No	Name	Designation	Member
1.	Prof. C. Naga Bhaskar	Principal	Chairman
2.	Dr. R. Venkata Rao	Chairman,SDMES	Member
3.	Prof. M. V. Narasimha Sarma	Director (Academics)	Member
4.	Prof. G Rosaiah	Director (Administration)	Member
5.	Prof. V. Vasudeva Rao	Former Principal	Member
	Heads of Departments		
6.	Prof. K. V. Sambasiva Rao	Dean, CSE	Member
7.	Dr. D.Suneetha	HoD, CSE	Member
8.	Dr. R. Sunitha	HoD, ECE	Member
9.	Dr. N. Sambasiva Rao	HoD, EEE & CE	Member
10	Dr. K. Prasada Rao	HoD, Mech	Member
11	Dr. M.Chaitanya Kishore Reddy	HoD, IT	Member
12	Mr. P Narendra Babu	HoD, Civil	Member
13	Dr.Ch.Hema Sree	HoD, MBA	Member
14	Dr. M. Babu Prasad	HoD, FED	Member
15	Dr.N.V.Surendra Babu	Professor (TPO)	Member
16	Mr.R.Vijay Krishna	IQAC Coordinator	Member
	Four Teachers of the College		
17	Dr. P Rama Koteswara Rao	Professor	Member
18	Ms. T Haritha	Associate Professor	Member
19	Dr. Ch. Surya Kiran	Associate Professor	Member
20	Mr. B.V.R.V. Prasad	Associate Professor & ACE	Member
	Four Experts Outside the College		
21	Prof. S.Srinivasa Kumar	Ex. Vice-Chancellor, JNTUA	Member
22	Prof. C.Chandra Sekhar	Professor,IITM	Member
23	Prof. C.S.R.K.Prasad	Professor,NITW	Member
24	Dr. D. Rama Krishna	Managing Director, Effotronics Ltd.	Member
	University Nominees		
25	Prof. K V S G Murali Krishna	Director of Academic Planning JNTUK	Member
26	Prof.B. Balakrishna	Director of Evaluation, JNTUK	Member
27	Prof. P. Subba Rao	Professor of Civil Engg.,JNTUK	Member
	Nomination by the Principal		
28	Dr. T.Sreelatha	Professor	Member Secretary

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RESOLUTIONS

SECTION-I

ITEM FOR NOTING

Item : 1.1 **Noting and Welcoming the Members of Academic Council of the Institution.**

It is to note that the AICTE has permitted our institute to enhance intake in the following B.Tech courses from 60 to 120 from this academic year 2022-23.

1. B.Tech (Artificial Intelligence and Machine Learning)
2. B.Tech (CSE- Data Science)
3. B.Tech (Information Technology)

As a part of implementation of autonomy it is necessary to revise the regulations periodically,. In this connection B.Tech. Regulations were revised from 2020-21 Academic Year and from this academic year it is proposed to revise the MBA Programmes.

The admissions to all Branches of First Year B.Tech., M.Tech., and MBA were completed and the class work for the First Semester of First Year of all Programmes have already been commenced.

The AQAR report for 2021-2022 and IIQA for NAAC Cycle II accreditation, presented by the IQAC coordinator was approved for submission.

Resolutions:

On behalf of the Management and on his own behalf, the Principal and the Chairman of the Academic Council of NRIIT, extended a warm welcome to the external members of this Academic Council and also thanked the External Experts for their kind gesture of accepting the invitation and for attending the meeting besides extending guidance for the implementation of the Autonomy of our Institution.

Item : 1.2 **Confirmation of the Minutes of Fourth Academic Council Meeting held on 27-11-2021**

The Minutes of the **Fourth meeting** of the Academic Council, NRIIT may please be confirmed. Minutes of the meeting of the **Fourth** Academic council of NRIIT are appended here with.

(Annexure I)

Resolutions:

Resolved to confirm the Minutes of the fourth meeting of the Academic Council, NRIIT held on 27.11.2021 and reviewed the action taken report of third meeting of Academic Council.

(Annexure II)

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SECTION II **Item for consideration**

2.1 ACADEMIC CALENDAR

Item 2.1.1: To Consider and approve the Academic Calendars of UG and PG Programmes Proposed for the academic year 2022-23

As pointed out, the course work of I, II, III & IV Years of all branches of UG and I & II years of PG Programmes have already been started with a tentative Academic Calendar prepared in the meeting of Academic Committee.

Proposed Academic Calendars of UG and PG Programmes for the A.Y. 2022-23 have been appended herewith.

(Annexure III)

Resolutions:

1. **Resolved to approve the recommendations of the Academic Committee with regard to academic calendars for first and second semesters of I, II, III & IV year UG and I and II Year PG Programmes for the students admitted during the Academic Year 2022-23.**

2.2 REGULATIONS MATTERS

Item 2.2.1: To Consider and approve the NRIA22 Regulations of MBA Programme as per the latest JNTUK Autonomous guidelines

As a part of implementation of autonomy it is necessary to revise regulations regarding the Academic matters for MBA.

Keeping in view the guidelines given in the latest JNTUK Regulations, a series of meetings were held to make necessary changes. The New Academic regulations have been discussed in the BOS meeting of department heads and changes suggested were forwarded to the Academic Council.

New Academic Regulations for MBA Programmes proposed have been appended herewith.

These New Academic Regulations are applicable for the MBA students who are admitted from the current Academic Year 2022-23.

These Regulations shall be called as "**NRIA22**" Regulations

(Annexure IV)

Resolutions:

1. **Resolved to approve the New Academic Regulations of MBA Programme as per the latest JNTUK guidelines for the students admitted from the Academic Year 2022-23.**

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Item 2.2.2: To Consider and approve the credits allocation to Community Service Project done by B.Tech. Students under NRIA20 regulations

Keeping in view the JNTUK and APSCHE guidelines given for "Community Service Project" to UG students, it is proposed to mandate community service project to all B.Tech. courses under NRIA20 Regulations for the award of four credits from the IV year project credits.

A copy of JNTUK-DAP-Community Service Project guidelines circular with ref. no JNTUK/DAP/CSP/2022 dt: 16.07.2022, is appended herewith

(Annexure V)

Resolutions:

1. Dr. Chandra Sekhar and Dr. Vasudeva Rao – Opined that spending 180 hours for the Community Service Project is impractical and that it should be cut to 130 hours; as students would miss their summer vacation. It was observed that there is no sufficient semester break and hence a minimum of 15 days of semester-break is suggested. It was also suggested that the fact should be represented to the AICTE leaving a CC to the APSCHE.
2. Dr. Rama Krishna observed that the number of classroom hours spent by a student is relatively less than the needed working hours of the industry.

2.3 CURRICULUM MATTERS

Item 2.3.1: To Consider and approve the course structures of III year B.TECH. programmes.

Keeping in view the NRIA20 Academic Regulations of B.Tech. Programmes, the course structures for the III year first and second semesters was discussed and finalized in the Academic Committee meeting. A draft was prepared and it was verified with other autonomous institutions for making a final draft of the course structure. The course structures were discussed in the individual BOS and changes suggested were forwarded to the Academic Council.

a) A copy of the proposed **third year** course structure of the following B.TECH. Programmes is appended herewith:
   1. Proposed Third Year Course structure for CIVIL ENGINEERING
   2. Proposed Third Year Course structure for ELECTRICAL AND ELECTRONICS ENGINEERING
   3. Proposed Third Year Course structure for MECHANICAL ENGINEERING
   4. Proposed Third Year Course structure for ELECTRONICS AND COMMUNICATION ENGINEERING
   5. Proposed Third Year Course structure for COMPUTER SCIENCE AND ENGINEERING
   6. Proposed Third Year Course structure for INFORMATION TECHNOLOGY
   7. Proposed Third Year Course structure for CSE- ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
   8. Proposed Third Year Course structure for CSE-DATA SCIENCE

(Annexure VI)

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Resolutions:

1. Dr. Srinivas Kumar suggested a few modifications in the ECE syllabus. Unanimous suggestion was made regarding the lack of tutorial classes for all core subjects.
2. Dr. D Rama KKrishna – Responded on the outdated syllabi and suggested to replace them with new advanced courses. Recommendations were made to reduce the gap between the existing course curriculum and the updated industry needs.
3. Faculty development Programs should be intensified.
4. Need of maintaining uniformity among the departments while awarding credits is observed.
5. In course structures, award of credits for labs, theory and allotment of tutorial classes for all departments should be similar. Need of maintaining uniformity among the departments while awarding credits.

Item 2.3.2: To Consider and approve the III year Syllabi of B.TECH. programmes of NRIA20 Regulations proposed by Individual BOS.

As a part of implementation of autonomy it is necessary to frame our own syllabus for B.Tech. Programme at department level.

The syllabi for both the first and second semesters of Third year were prepared, as per the NRIA20 Academic Regulations, by a committee appointed by the Heads of Departments consisting of faculty of all specializations covering the respective Programme. A series of meetings were held to make necessary changes. A draft was prepared and it was verified with other autonomous institutions for finalizing the same. The Syllabus was discussed in the Individual BOS and changes suggested were forwarded to the academic council.

The resolutions of various BOS to be approved are :

1. Resolutions of Freshmen Engineering Department Board of studies
2. Resolutions of Civil Engineering Board of studies
3. Resolutions of Electrical and Electronics Engineering Board of studies
4. Resolutions of Mechanical Engineering Board of studies
5. Resolutions of Electronics and Communications Engineering Board of studies
6. Resolutions of Computer Science and Engineering Board of studies
7. Resolutions of Information Technology Board of studies.

Resolutions:

1. **Resolved to approve the syllabi of first and second semesters of III year of various B.Tech. branches as proposed by the respective Boards of Studies.**

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Item 2.3.3: To Consider and approve the course structures of II year B.TECH. (AIML) and B.Tech. (CSE-RL) programmes of NRIA20 Regulations.

Keeping in view the **NRIA20** Academic Regulations of B.Tech. Progrtammes, the course structure for the II year first and second semesters was discussed and finalized in the Academic Committee meeting. A draft copy was prepared and it was verified with other autonomous institutions for making a final draft of the course structure. The course structures were discussed in the individual BOS and changes suggested were forwarded to the Academic Council.

b) A copy of the proposed Second year course structure of the following UG Programmes are appended herewith:

1. Proposed Second Year Course structure for CSE- **Regional Language (Telugu Medium)**
2. Proposed Second Year Course structure for ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

(Annexure VII)

Resolutions:

1. **Resolved to approve the first and second semester course structures of various II year B.Tech., Programmes of NRIA20 regulation.**

Item 2.3.4: To Consider and approve the II year Syllabi of B.Tech. (AIML) and B.Tech. (CSE-RL) programmes proposed by Individual BOS.

As a part of implementation of autonomy it is necessary to frame our own syllabus for UG Programmes at department level.

The syllabi for both the first and second semesters of Second year were prepared, as per the **NRIA20** Academic Regulations, by a committee appointed by the Heads of Department consisting of faculty of all specializations covering the respective Programme. A series of meetings were held to make necessary changes. A draft was prepared and it was verified with other autonomous institutions for finalizing the same. The Syllabi were discussed in the Individual BOS and changes suggested were forwarded to the academic council.

The resolutions of various BOS to be approved are :

1. Resolutions of CSE- **Regional Language (Telugu Medium)**
2. Resolutions of Artificial Intelligence and Machine Learning Board of studies

Resolutions:

1. **Resolved to approve syllabi of the first and second semesters of II year of two B.Tech., Programmes as proposed by the respective Boards of Studies.**

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Item 2.3.5: To Consider and approve the course structures of I year MBA programme of NRIA22 Regulations.

Keeping in view the **NRIA22** Academic Regulations of MBA Progrtamme, the course structure of MBA Programme for the first and second semesters of I year was discussed and finalized in the Academic Committee meeting. A draft was prepared and it was verified with other autonomous institutions for making a final draft of the course structure. The course structures were discussed in the MBA BOS and suggested changes were forwarded to the Academic Council.

A copy of the proposed First year course structure of MBA Programme is appended herewith:

(Annexure VIII)

Resolutions:

1. **Resolved to approve the first and second semester course structures of various I year MBA Programmes of NRIA22 regulation.**

Item 2.3.6: To Consider and approve the I year Syllabus of MBA programme proposed by BOS.

As a part of implementation of autonomy at department level it is necessary to frame our own syllabus for MBA Programme.

The syllabi for both the first and second semesters of I year MBA Programme were prepared, as per the **NRIA22** Academic Regulations, by a committee appointed by the HoD consisting of faculty of all specializations covering the respective Programme. A series of meetings were held to make necessary changes. A draft was prepared and it was verified with other autonomous institutions for finalizing the same. The Syllabus was discussed in the Individual BOS and changes suggested were forwarded to the academic council.

Resolutions:

1. **Resolved to approve the syllabi of first and second semesters of MBA Programme of I year as proposed by the respective Boards of Studies.**

Item 2.3.7: **To Consider and approve the Honors Degree Subjects lists and Syllabus of B.Tech. programmes of NRIA20 Regulation proposed by the BOS concerned**

As a part of implementation of autonomy for Honors Degrees offered to students at UG Level, it is necessary to frame our own syllabus for various B.Tech. Honors Programmes.

The syllabi for B.Tech. Honors Degree Programmes have been prepared, as per the **NRIA20** Academic Regulations, by a committee appointed by the HoD consisting of faculty of all specializations covering the respective Programme. A series of meetings were held to make necessary changes. A draft was prepared and it has been verified with other autonomous institutions for finalizing the same. The Syllabus has been discussed in the Individual BOS and changes suggested were forwarded to the Academic Council.

A copy of the List of Honors Degree Subjects (Department wise) is appended herewith.

(Annexure IX)

Resolutions:

1. **It is observed and recommended strongly that Honors Degree / Minor Degree should not be awarded without laboratory sessions for those subjects. Awarding credits to minor degree subjects along with the regular subjects is to be done.**

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Item 2.3.8: To Consider and approve the Minors Degree Subjects lists and Syllabus of B.Tech. programmes of NRIA20 Regulation proposed by the BOS concerned

As a part of implementation of autonomy for Minors Degrees offered to students at UG Level, it is necessary to frame our own syllabus for various B.Tech. Minors Degree Programmes.

The syllabi for B.Tech. Minors Degree Programmes have been prepared, as per the **NRIA20** Academic Regulations, by a committee appointed by the HoD consisting of faculty of all specializations covering the respective Programme. A series of meetings were held to make necessary changes. A draft was prepared and it has been verified with other autonomous institutions for finalizing the same. The Syllabus has been discussed in the Individual BOS and changes suggested were forwarded to the academic council.

A copy of the List of Minors Degree Subjects (Department wise) is appended herewith.

(Annexure X)

Resolutions:

1. Resolved to approve the syllabi of B.Tech. Minors Degree Programme proposed by the respective Boards of Studies.

2.4 EXAMINATION MATTERS

Item 2.4.1: To Consider and approve the Results of UG and PG Regular Examinations conducted from Previous Academic Council Meeting till date.

As a part of implementation of autonomy, it is necessary to analyze the Results.
Before releasing the results of UG and PG Programmes, the Results committee reviewed the results of the following Regular examinations.

Academic Year 2021-22:

1. Results of IV B.Tech I Semester Regular
2. Results of III B.Tech I Semester Regular
3. Results of III B.Tech II Semester Supple
4. Results of II MBA I Semester Regular
5. Results of II MCA I Semester Supple
6. Results of III MCA I Semester Supple
7. Results of II B.Tech I Semester Regular/Supple
8. Results of II B.Tech II Semester Supple
9. Results of I B.Tech I Semester Regular/Supple
10. Results of IV B.Tech II Semester Regular
11. Results of I B.Tech II Semester Supple
12. Results of I MBA I Semester Regular
13. Results of I M.Tech I Semester Regular
14. Results of I MCA I Semester Supple
15. Results of IV B.Tech I Semester Advanced Supple
16. Results of IV B.Tech II Semester Advanced Supple
17. Results of III B.Tech II Semester Supple
18. Results of II MCA II Semester Supple

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19. Results of III B.Tech I Semester Supple
20. Results of II B.Tech I Semester Supple
21. Results of II B.Tech II Semester Regular Supple
22. Results of I B.Tech I Semester Supple
23. Results of I B.Tech II Semester Regular /Supple
24. Results of II B.Tech I Semester Supple
25. Results of II MBA II Semester Regular
26. Results of I MCA II Semester Supple
27. Results of I M.Tech II Semester Regular
28. Results of I MBA II Semester Regular

Academic Year 2020-21:

1. Results of III B.Tech I Semester Supple
2. Results of II B.Tech I Semester Supple
3. Results of I M.Tech II Semester Regular
4. Results of I MBA II Semester Regular
5. Results of I MCA II Semester Supple
6. Results of I B.Tech I Semester Supple
7. Results of I B.Tech II Semester Regular/Supple
8. Results of II MBA II Semester Regular
9. Results of III MCA II Semester Regular

(Annexure XI)

Resolutions:

1. Dr. D Rama Krishna Responded on the poor performances of those students who got promoted during the pandemic. He suggested conducting remedial practical sessions for the students to improve their application oriented knowledge.

Item 2.4.2: To Consider and approve permission to issue provisional certificate and award of B.Tech., M.TECH., MBA and MCA Degree to eligible students

As a part of implementation of autonomy, It is necessary issue provisional certificate and to award Degree to B.Tech., M.TECH., MBA and MCA eligible students,

It is required to issue provisional Certificates to students who have obtained required number of credits, completed the course for getting their B.Tech., M.Tech., MBA and MCA Degree.

The list of eligible students of UG and PG students for regular and supplementary examinations is appended herewith for approval.

(Annexure XII)

Resolutions:

Resolved to approve permission to issue Provisional Certificate and award of B.Tech., M.TECH., MBA and MCA Degree to eligible students.

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Item 2.4.3: To Consider and approve the promotion of students without required credits to III and IV Year B.Tech. in the view of COVID-19.

Keeping in view the NRIA20 Academic Regulations, the credits detention conditions of B.Tech. NRIA18 regulation was discussed in the Academic committee. The committee provisionally **promoted 2019 Batch III B.Tech. students to the IV Year and 2020 Batch II B.Tech. students to the III Year** in the view of COVID 19 Pandemic and suggested to propose the same to academic council for apporoval.

Resolutions:

Resolved to approve the promotion of students to III Year and IV B.Tech. without credits detention in view of COVID-19 pandemic.

2.4.4: To Consider and approve the

a) **UG Consolidated Grade Card, Provisional certificate**
b) **Migration Certificate**
c) **UG and PG Transcript of Provisional certificate**
d) **UG Transcript of Consolidated Grade Card**

As a part of implementation of autonomy it is necessary to issue the Consolidated Grade Card, Provisional Certificate, Migration Certificate and also Transcript of Provisional Certificate & Consolidated Grade Card to the Students as per the JNTUK guidelines.

Grade certificate, Provisional Certificate and Migration Certificate were discussed in the academic committee and were proposed for the approval and to give permission to issue Transcript of Provisional Certificate and Consolidated Grade Card

The Consolidated Grade Card, Provisional certificate, Migration Certificate, Transcript of Provisional Certificate and Transcript of Consolidated Grade Card formats are appended herewith for approval.

(Annexure XIII)

Resolutions:

1.Resolved to approve the format of Consolidated Grade Sheet and Provisional Certificate of B.Tech. Programme.

Item 2.4.5: To Consider and approve the format of End Semester Examination Question Paper for MBA Programme of NRIA22 Regulations

As a part of implementation of autonomy it is necessary to frame the End semester examination Question paper pattern for paper setting.

Keeping in view the NRIA22 Academic Regulations of MBA Programme, the format of Question Paper for MBA Programme has been prepared and discussed with the Academic Committee for finalizing the same. The Question papers patterns have been discussed in the concerned BOS and the changes suggested were forwarded to the academic council.

(Annexure XIV)

Resolutions:

1. Dr. Chandra Sekhar suggested to prepare question paper without any choice for MID and Semester End Exams.

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NRI Institute of Technology
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2.4.6: To Consider and approve the format of Mid term Examination Question Paper for MBA Programme of NRIA22 Regulations

As a part of implementation of autonomy it is necessary to frame the Mid examination Question paper pattern.

Keeping in view the NRIA22 Academic Regulations, the format of Mid examination Question Paper for MBA Programme has been prepared and discussed with the Academic Committee for finalizing the same and the changes suggested were forwarded to the academic council.

(Annexure XV)

Resolutions:

1. Resolved to approve the question paper format for Mid I and II for MBA Programme for the academic Regulations NRIA22.

2.5 RESEARCH & DEVELOPMENT MATTERS

Item 2.5.1: To Present Research & Development activity details of the Institution

Research and Development Report of our institution for the Academic Year 2021-22 and 2022-23 (till date) were appended herewith.

(Annexure XVI)

2.6 TRAINING & PLACEMENTS MATTERS

Item 2.6.1: To Present Training & Placements details of the Institution

Training & Placements Report of our institution for the Academic Year 2021-22 and 2022-23 (till date) were appended herewith.

(Annexure XVII)

Resolutions :

1. The total number of students who got placed should be mentioned clearly without considering the dream job offer.
2. Dr. Chandra Sekhar suggested presenting the higher education details for the coming meeting.

2.7 IQAC MATTERS

Item 2.7.1: To Consider and approve AQAR Report for the Academic Year 2021-22for submission to NAAC as per the timeline.

As per the NAAC guidelines, IQAC was constituted with 30 internal and external members. It is mandatory to submit AQAR repost every year. Hence, AQAR report for the Academic Year 2021-22 was presented before Academic Council for approval

AQAR report for the Academic Year 2021-22 was appended herewith.

(Annexure XVIII)

Resolutions :

After careful inspection, Resolved to approve the AQAR report for the Academic Year 2021-22 for submission to NAAC as per the time line.

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2.8. RECOMMENDATION MATTERS

Item 2.8.1: To propose recommendations to the Governing council

Keeping in view the development of the Institution, it is requested to suggest and recommend any changes in the matters related to academic affairs. These recommendations shall be placed before the next Governing Council of the Institution for their consideration.

1. **It was suggested for an Off-line meeting next time before conducting the BoS meeting to enable thorough verification of curricula.**
2. **Priority should be given to Industry 4.0 subjects.**
3. **New autonomous policy should be in line with the New Education Policy.**
4. **It was suggested to introduce Veena, Music, Sanskrit, Painting etc for holistic Development.**
5. **Appointment of BOS should be done by the University for CSE-RL Course.**

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M)

NRI INSTITUTE OF TECHNOLOGY
(Autonomous)

FOURTH MEETING
OF THE
ACADEMIC COUNCIL

DATE : **27th November 2021**

TIME : **2.00 PM**

VENUE: **Online Meeting**

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NRI INSTITUTE OF TECHNOLOGY

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

ONLINE MEETING OF THE ACADEMIC COUNCIL OF NRI INSTITUTE OF TECHNOLOGY HELD ON 27th November, 2021 AT 2 PM.

Members Present:

S.No	Name	Designation	Member
1.	Prof. C. Naga Bhaskar	Principal	Chairman
2.	Dr. R. Venkata Rao	Chairman,SDMES	Member
3.	Prof. M. V. Narasimha Sarma	Director (Academics)	Member
4.	Prof. G Rosaiah	Director (Administration)	Member
5.	Prof. K. V. Sambasiva Rao	Dean, CSE	Member
6.	Dr. D.Suneetha	HoD, CSE	Member
7.	Ms. Y Arpitha	HoD, ECE	Member
8.	Dr. N. Sambasiva Rao	HoD, EEE & CE	Member
9.	Mrs. T. Haritha	HoD, Mech	Member
10	Dr. M.Chaitanya Kishore Reddy	HoD, IT	Member
11	Mr. P Narendra Babu	HoD, Civil	Member
12	Dr.Ch.Hema Sree	HoD, MBA	Member
13	Dr. M. Babu Prasad	HoD, FED	Member
14	Dr.N.V.Surendra Babu	Professor (TPO)	Member
15	Mr.J. Leela Krishna	IQAC Coordinator	Member
16	Dr. R. Sunitha	Professor	Member
17	Dr. P Rama Koteswara Rao	Professor	Member
18	Dr. Ch. Surya Kiran	Associate Professor	Member
19	Mr. B.V.R.V. Prasad	Associate Professor & ACE	Member
20	Prof. S.Srinivasa Kumar	Ex. Vice-Chancellor, JNTUA	Member
21	Prof. C.S.R.K.Prasad	Professor,NITW	Member
22	Prof. C.Chandra Sekhar	Professor,IITM	Member
23	Dr. D. Rama Krishna	Managing Director, Effotronics Ltd.	Member
24	Prof. R.Srinivasa Rao	Director, of Academic Planning JNTUK	Member
25	Prof.L.Sumalatha	Director of Evaluation, JNTUK	Member
26	Dr. T.Sreelatha	Professor	Member Secretary

Members Absent:

S.No	Name	Designation	Member
1.	Prof. V. Vasudeva Rao	Former Principal	Member
2.	Mr. K.Chandra Mouli	HoD, MCA	Member
3.	Prof. P. Subba Rao	Professor of Civil Engg.,JNTUK	Member

RESOLUTIONS

SECTION-I **ITEM FOR NOTING**

Item : 1.1 **Noting and Welcoming the Members of Academic Council of the Institution.**

It is to note that the AICTE has permitted our Institution to conduct the following new B.Tech courses from this academic year 2021-22.

1. B.Tech in Artificial Intelligence and Machine Learning
2. B.Tech in Computer Science and Engineering Telugu Medium

The admissions to the above courses are in the process, however the class work for First Semester of First Year will commence from **29.11.2021**.

Resolutions:

On behalf of the Management and on his own behalf, the Principal and the Chairman of the Academic Council of NRIIT, extended a warm welcome to the external members of this Academic Council and also thanked the External Experts for their kind gesture of accepting the invitation and for attending the meeting besides extending guidance for the implementation of the Autonomy of our Institution.

Item : 1.2 **Confirmation of the Minutes of Third Academic Council Meeting held on 14.11.2020**

The Minutes of the **Third meeting** of the Academic Council, NRIIT may please be confirmed. Minutes of the meeting of the **Third** Academic council of NRIIT are appended here with.

(Annexure I)

Resolutions:

Resolved to confirm the Minutes of the second meeting of the Academic Council, NRIIT held on 14.11.2021 and reviewed the action taken report of first meeting of Academic Council.

(Annexure II)

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M).

SECTION II — Item for consideration

2.1 ACADEMIC CALENDAR

Item 2.1.1: To Consider and approve the Academic Calendars of UG and PG Programmes Proposed for the academic year 2021-22

As pointed out, the course work of II, III & IV Years of all branches of UG and PG Programmes have already been started with a tentative Academic Calendar prepared in the meeting of Academic Committee.

I year admissions of UG and PG Programmes are supposed to complete in the fourth week of November, 2021. The tentative Academic Calendars of UG and PG Programmes were prepared in the meeting of Academic Committee.

Proposed Academic Calendars of UG and PG Programmes for the A.Y. 2021-22 have been appended herewith.

(Annexure III)

Resolutions:

1. **Resolved to approve the recommendations of the Academic Committee with regard to academic calendars for first and second semesters of I, II, III & IV year UG and I and II Year PG Programmes for the candidate admitted during the Academic Year 2021-22.**
2. **Resolved to provide the Semester Break 15 days instead of one week.**

2.2 REGULATIONS MATTERS

Item 2.2.1: To Consider and approve the NRIA20 Regulations of B.Tech Programmes as per the APSCHE and latest JNTUK Autonomous guidelines

As a part of implementation of autonomy it is necessary to form our own regulations regarding Academic matters for UG.

Keeping in view the Autonomous Guidelines given by the JNTUK in the month April, 2021, a series of meetings were held to make necessary changes. The Academic regulations have been discussed in the meeting of department heads and changes suggested were forwarded to the Academic Council.

Academic Regulations for B.Tech Programmes proposed have been appended herewith.

These Academic Regulations applicable for the UG students are admitted from the current Academic Year 2020-21.

These Regulations shall be called as "**NRIA20**" Regulations

(Annexure IV)

Resolutions:

1. **Resolved to approve the Academic Regulations of B.Tech. Programmes as per the latest JNTUK Autonomous guidelines for the students admitted from the Academic Year 2020-21.**
2. **Suggested to follow autonomy in full extent within the folds of the prescribed rules as per APSHEC.**
3. **Suggested by Dr.S.Srinivas Kumar to allot equal credits to all electives – Open or Professional.**
4. **Suggested to have one mandatory course without credits for each semester for all branches.**

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M).

2.3 CURRICULUM MATTERS

Item 2.3.1: To Consider and approve the course structures of IV year UG programmes.

Keeping in view the NRIA18 Academic Regulations of B.Tech Programmes, the course structures for the IV year first and second semesters have been discussed and finalized in the Academic Committee meeting. A draft was prepared and it has been verified with other autonomous institutions for making a final draft of the course structure. The course structures have been discussed in the individual BOS and changes suggested were forwarded to the Academic Council.

a) A copy of the proposed fourth year course structure of the following UG Programmes is appended herewith:

1. Proposed Fourth Year Course structure for CIVIL ENGINEERING
2. Proposed Fourth Year Course structure for ELECTRICAL AND ELECTRONICS ENGINEERING
3. Proposed Fourth Year Course structure for MECHANICAL ENGINEERING
4. Proposed Fourth Year Course structure for ELECTRONICS AND COMMUNICATION ENGINEERING
5. Proposed Fourth Year Course structure for COMPUTER SCIENCE AND ENGINEERING
6. Proposed Fourth Year Course structure for INFORMATION TECHNOLOGY

(Annexure V)

Resolutions:

1. **Resolved to approve the first and second semester course structures of various IV year B.Tech.**
2. **Suggested by Dr. Dasari Rama Krishna to include topics related to 4.0 Technologies like Big Data, IOT, 3D Printing etc., among the 9 professional verticals for all the branches including Civil and Mechanical.**
3. **Suggested to start a Digital Twin Platform for better employment opportunities to students.**
4. **Recommended to train the faculty in the respective new modules before introducing them in the curriculum.**

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M).

Item 2.3.2: To Consider and approve the IV year Syllabi of UG programmes proposed by Individual BOS.

As a part of implementation of autonomy it is necessary to frame our own syllabus for UG Programme at department level.

The syllabi for both the first and second semesters of Fourth year have been prepared, as per the NRIA18 Academic Regulations, by a committee appointed by the Heads of Departments consisting of faculty of all specializations covering the respective Programme. A series of meetings were held to make necessary changes. A draft was prepared and it has been verified with other autonomous institutions for finalizing the same. The Syllabus has been discussed in the Individual BOS and changes suggested were forwarded to the academic council.

The resolutions of various BOS to be approved are:

1. Resolutions of Freshmen Engineering Department Board of studies
2. Resolutions of Civil Engineering Board of studies
3. Resolutions of Electrical and Electronics Engineering Board of studies
4. Resolutions of Mechanical Engineering Board of studies
5. Resolutions of Electronics and Communications Engineering Board of studies
6. Resolutions of Computer Science and Engineering Board of studies
7. Resolutions of Information Technology Board of studies

Resolutions:

1. **Resolved to approve the syllabi of first and second semesters of IV year of various B.Tech. branches as proposed by the respective Boards of Studies.**

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M).

Item 2.3.3: To Consider and approve the course structures of II year UG programmes of NRIA20 Regulations.

Keeping in view the **NRIA20** Academic Regulations of B.Tech Programmes, the course structure for the II year first and second semesters has been discussed and finalized in the Academic Committee meeting. A draft was prepared and it has been verified with other autonomous institutions for making a final draft of the course structure. The course structures have been discussed in the individual BOS and changes suggested were forwarded to the Academic Council.

b) A copy of the proposed Second year course structure of the following UG Programmes are appended herewith:

1. Proposed Second Year Course structure for CIVIL ENGINEERING
2. Proposed Second Year Course structure for ELECTRICAL AND ELECTRONICS ENGINEERING
3. Proposed Second Year Course structure for MECHANICAL ENGINEERING
4. Proposed Second Year Course structure for ELECTRONICS AND COMMUNICATION ENGINEERING
5. Proposed Second Year Course structure for COMPUTER SCIENCE AND ENGINEERING
6. Proposed Second Year Course structure for INFORMATION TECHNOLOGY
7. Proposed Second Year Course structure for CSE- ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
8. Proposed Second Year Course structure for CSE-DATA SCIENCE

(Annexure VI)

Resolutions:

1. **Resolved to approve the first and second semester course structures of various II year B.Tech Programmes of NRIA20 regulation.**

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M).

Item 2.3.4: To Consider and approve the II year Syllabi of UG programmes proposed by Individual BOS.

As a part of implementation of autonomy it is necessary to frame our own syllabus for UG Programmes at department level.

The syllabi for both the first and second semesters of Second year have been prepared, as per the **NRIA20** Academic Regulations, by a committee appointed by the Heads of Departments consisting of faculty of all specializations covering the respective Programme. A series of meetings were held to make necessary changes. A draft was prepared and it has been verified with other autonomous institutions for finalizing the same. The Syllabi have been discussed in the Individual BOS and changes suggested were forwarded to the academic council.

The resolutions of various BOS to be approved are:

1. Resolutions of Freshmen Engineering Department Board of studies
2. Resolutions of Civil Engineering Board of studies
3. Resolutions of Electrical and Electronics Engineering Board of studies
4. Resolutions of Mechanical Engineering Board of studies
5. Resolutions of Electronics and Communications Engineering Board of studies
6. Resolutions of Computer Science and Engineering Board of studies
7. Resolutions of Information Technology Board of studies
8. Resolutions of CSE-Artificial Intelligence and Machine Learning Board of studies
9. Resolutions of CSE-Data Science Board of studies

Resolutions:

1. **Resolved to approve syllabi of the first and second semesters of II year of various B.Tech Programmes as proposed by the respective Boards of Studies.**

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M).

Item 2.3.5: To Consider and approve the course structures of I year UG programmes of NRIA20 Regulations.

Keeping in view the **NRIA20** Academic Regulations of B.Tech Programmes, the course structure of the newly introduced B.Tech Programmes for the first and second semesters of I year have been discussed and finalized in the Academic Committee meeting. A draft was prepared and it has been verified with other autonomous institutions for making a final draft of the course structure. The course structures have been discussed in the individual BOS and suggested changes were forwarded to the Academic Council.

c) A copy of the proposed First year course structure of the following UG Programmes is appended herewith:

1. Proposed First Year Course structure for CIVIL ENGINEERING
2. Proposed First Year Course structure for ELECTRICAL AND ELECTRONICS ENGINEERING
3. Proposed First Year Course structure for MECHANICAL ENGINEERING
4. Proposed First Year Course structure for ELECTRONICS AND COMMUNICATION ENGINEERING
5. Proposed First Year Course structure for COMPUTER SCIENCE AND ENGINEERING
6. Proposed First Year Course structure for INFORMATION TECHNOLOGY
7. Proposed First Year Course structure for CSE-ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
8. Proposed First Year Course structure for CSE-DATA SCIENCE
9. Proposed First Year Course structure for ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
10. Proposed First Year Course structure for COMPUTER SCIENCE AND ENGINEERING - **Telugu Medium**

(Annexure VII)

Resolutions:

1. **Resolved to approve the first and second semester course structures of various I year B.Tech Programmes of NRIA20 regulation.**

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M).

Item 2.3.6: To Consider and approve the I year Syllabus of UG programmes proposed by Individual BOS.

As a part of implementation of autonomy at department level it is necessary to frame our own syllabus for UG Programmes.

The syllabi for both the first and second semesters of I year B.Tech Programmes have been prepared, as per the **NRIA20** Academic Regulations, by a committee appointed by the HoD consisting of faculty of all specializations covering the respective Programme. A series of meetings were held to make necessary changes. A draft was prepared and it has been verified with other autonomous institutions for finalizing the same. The Syllabus has been discussed in the Individual BOS and changes suggested were forwarded to the academic council.

The resolutions of various BOS to be approved are:

1. Resolutions of Freshmen Engineering Department Board of studies
2. Resolutions of Civil Engineering Board of studies
3. Resolutions of Electrical and Electronics Engineering Board of studies
4. Resolutions of Mechanical Engineering Board of studies
5. Resolutions of Computer Science and Engineering Board of studies
6. Resolutions of Information Technology Board of studies
7. Resolutions of CSE-Artificial Intelligence and Machine Learning Board of studies
8. Resolutions of CSE-Data Science Board of studies
9. Resolutions of Artificial Intelligence and Machine Learning Board of studies
10. Resolutions of Computer Science and Engineering –**Telugu Medium** Board of studies

Resolutions:

I. **Resolved to approve the syllabi of first and second semesters of various Programmes of B.Tech I year as proposed by the respective Boards of Studies.**

PRINCIPAL
NRI Institute of Technol
Pothavarappadu (V), Agiripalli (

2.4 EXAMINATION MATTERS

Item 2.4.1: To Consider and approve the Results of UG and PG Examinations conducted from Previous Academic Council Meeting till date.

As a part of implementation of autonomy, it is necessary to analyze the Results. Before releasing the results of UG and PG Programmes, the Results committee reviewed the results of the following Regular examinations.

Academic Year 2020-21:

1. Results of III B.Tech II Semester Regular
2. Results of II B.Tech II Semester Regular
3. Results of I B.Tech I Semester Regular
4. Results of III B.Tech I Semester Regular
5. Results of II B.Tech I Semester Regular
6. Results of I M.Tech I Semester Regular
7. Results of I MBA I Semester Regular
8. Results of III MCA I Semester Regular
9. Results of II MBA I Semester Regular
10. Results of II B.Tech II Semester Supple
11. Results of I B.Tech II Semester Supple
12. Results of III B.Tech I Semester Supple
13. Results of II B.Tech I Semester Supple
14. Results of I B.Tech I Semester Supple
15. Results of II MCA I Semester Supple
16. Results of I MCA I Semester Supple
17. Results of II MCA II Semester Supple

Academic Year 2019-20:

1. Results of II B.Tech II Semester Regular
2. Results of I B.Tech II Semester Regular
3. Results of I M.Tech II Semester Regular
4. Results of I MBA II Semester Regular
5. Results of II MCA II Semester Regular
6. Results of I MCA II Semester Supplementary
7. Results of II B.Tech I Semester Supplementary
8. Results of I B.Tech I Semester Supplementary

(Annexure VIII)

Resolutions:

1. **Resolved to approve the Results of UG and PG Examinations conducted from Previous Academic Council Meeting till date.**

Item 2.4.2: To Consider and approve the promotion of students to III and IV Year B.Tech without credits detention in the view of COVID-19 pandemic.

Keeping in view the NRIA20 Academic Regulations, the credits detention conditions of B.Tech NRIA18 regulation was discussed in the Academic committee. The committee provisionally **promoted 2018 Batch III B.Tech students to the IV Year and 2019 Batch II B.Tech students to the III Year** in the view of COVID 19 Pandemic and suggested to propose the same to academic council for approval.

Resolutions:

1. **Resolved to approve the promotion of students to III Year and IV B.Tech without credits detention in view of COVID-19 pandemic.**

PRINCIPAL
NRI Institute of Technology

2.4.3: To Consider and approve the provisional certificate

As a part of implementation of autonomy it is necessary to issue the provisional certificate to the Students as per the JNTUK guidelines.

Keeping in view the Academic Regulations and JNTUK Guidelines, the format of provisional certificate was discussed in the academic council and it has been proposed for the approval.

(Annexure IX)

Resolutions:

1. **Resolved to approve the format of provisional certificate.**
2. **Suggested to mention 'Agiripalli' after the name and to change the font of the name of JNTUK in the Provisional Certificate.**

Item 2.4.4: To Consider and approve the format of End Semester Examination Question Paper for B.Tech. Programme of NRIA20 Regulations

As a part of implementation of autonomy it is necessary to frame the End semester examination Question paper pattern for paper setting.

Keeping in view the NRIA20 Academic Regulations, the format of Question Paper for B.Tech Programmes has been prepared and discussed with the Academic Committee for finalizing the same. The Question papers patterns have been discussed in the Individual BOS and the changes suggested were forwarded to the academic council.

(Annexure X)

Resolutions:

1. Resolved to approve the format of End semester examination question paper of B.Tech Programmes for the academic Regulations NRIA20.
2. Suggested to check the section-wise division of marks in the End Semester Question Paper for IV year B.Tech.

2.4.5: To Consider and approve the format of Subjective Examination Question Paper for B.Tech Programme of NRIA20 Regulations

As a part of implementation of autonomy it is necessary to frame the Mid examination Question paper pattern.

Keeping in view the NRIA20 Academic Regulations, The format of Mid examination Question Paper for B.Tech Programmes has been prepared and discussed with the Academic Committee for finalizing the same and the changes suggested were forwarded to the academic council.

(Annexure XI)

Resolutions:

1. **Resolved to approve the question paper format for Mid I and II for B.Tech Programmes for the academic Regulations NRIA20.**
2. **Suggested to check allotment of choice in the Question Paper.**

PRINCIPAL
NRI Institute of Technology

2.5 RECOMMENDATION MATTERS

Item 2.5.1: To propose recommendations to the Governing council

Keeping in view the development of the Institution, it is requested to suggest and recommend any changes in the matters related to academic affairs. These recommendations shall be placed before the next Governing Council of the Institution for their consideration.

1. **Recommended to conduct a Comprehensive Viva instead of Seminars.**
2. **Recommended by Dr. D. Rama Krishna not to encourage Online Internships.**
3. **Recommended by Dr. S. Srinivas Kumar to promote skills in writing algorithms and codes for Mechanical and Civil students as well.**
4. **Recommended to improve Descriptive Analytics.**
5. **Recommended to modify syllabi to meet industry requirement.**
6. **Recommended that the final year students should work on the Academic Project by staying in the Industry.**
7. **Recommended to have MEFA, IPR and other subjects as self learning subjects in the II Semester of B.Tech**
8. **Recommended by Prof.C.Chandra Sekhar to include more of application oriented and problem solving questions in the Question Papers.**
9. **Recommended to conduct problem solving sessions in the Tutorial Classes.**
10. **Recommended by Dr.L.Sumalatha to set the question paper moderately adopting Bloom's Taxonomy thereby enabling to map the PO s and CO s.**
11. **Recommended to conduct FDP s on the latest emerging technologies to improve the quality of content to be delivered.**

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M).

NRI INSTITUTE OF TECHNOLOGY
(Autonomous)

THIRD MEETING
OF THE
ACADEMIC COUNCIL

DATE : 14th November, 2020

TIME : 10.00 AM

VENUE: Online

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2.3.3	To Consider and approve the II year course structure of MBA programme of NRIA18 proposed by BOS of MBA	9	V
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24	**EXAMINIATION MATTERS**		
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2.5	**RECOMMENDATION MATTERS**		
2.5.1	To propose recommendations to Governing Council of the Institution	12	--

NRI INSTITUTE OF TECHNOLOGY

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

MEETING OF THE ACADEMIC COUNCIL OF NRI INSTITUTE OF TECHNOLOGY TO BE HELD ON 14th November, 2020 AT 10.00 AM IN ONLINE.

Members Present:

S.No	Name	Designation	Member
1.	Prof. C. Naga Bhaskar	Principal	Chairman
2.	Dr. R. Venkata Rao	Management Representative	Member
3.	Prof. V. Vasudeva Rao	Former Principal	Member
4.	Prof. M. V. Narasimha Sarma	Director (Academics)	Member
5.	Prof. K. V. Sambasiva Rao	Dean, CSE	Member
6.	Dr. D.Suneetha	HoD, CSE	Member
7.	Prof. K. Krishna Murthy	HoD, ECE	Member
8.	Prof. N. Sambasiva Rao	HoD, EEE & CE	Member
9.	Prof. K. Prasada Rao	HoD, Mech	Member
10	Dr. M.Chaitanya Kishore Reddy	HoD, IT	Member
11	Mr. P Narendra Babu	HoD, Civil	Member
12	Sri K.Chandra Mouli	HoD, MCA	Member
13	Prof. B.Hima Lakshmi	HoD, MBA	Member
14	Prof. M. Babu Prasad	HoD, FED	Member
15	Dr.N.V.Surendra Babu	Professor (TPO)	Member
16	Dr. D. Kailasa Rao	Professor	Member
17	Prof. R. Sunitha	Professor	Member
18	Dr. P Rama Koteswara Rao	Professor	Member
19	Dr. Ch. Surya Kiran	Associate Professor	Member
20	Dr. D. Rama Krishna	Managing Director, Effotronics Ltd.	Member
21	Prof. V. V. Subba Rao	Registrar, JNTUK	Member
22	Prof. R.Srinivasa Rao	Director of Evaluation, JNTUK	Member
23	Mr. B.V.R.V. Prasad	Professor	Member Secretary

RESOLUTIONS

SECTION-I **ITEM FOR NOTING**

Item : 1.1 **Noting and Welcoming the Members of Academic Council of the Institution.**

It is to note that the AICTE has permitted our Institution to the following B.Tech. courses from this academic year 2020-21.

1. B.Tech. in Artificial Intelligence and Machine Learning
2. B.Tech. in Data Science

The admissions to the above courses are in the process, however the class work for First Semester of First Year Commenced from **06.01.2021**.

Resolution:

On behalf of the Management and on his own behalf, the Principal and the Chairman of the Academic Council of NRIIT, extended a worm welcome to the external members of this Academic Council and also thanked the External Experts for their kind gesture of accepting the invitation and for attending the meeting besides extending guidance for the implementation of the Autonomy of our Institution.

Item : 1.2 **Confirmation of the Minutes of Second Academic Council Meeting held on 11th August, 2019**

The Minutes of the **Second meeting** of the Academic Council, NRIIT may please be confirmed. Minutes of the meeting of the **Second** Academic council of NRIIT are appended here with.

(Annexure I)

Resolution:

Resolved to confirm the Minutes of the second meeting of the Academic Council, NRIIT held on 11th August, 2019 and reviewed the action taken report of first meeting of Academic Council.

(Annexure II)

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M).

SECTION II **Item for consideration**

2.1 ACADEMIC CALENDER

Item 2.1.1: To Consider and approve the Academic Calendars of UG and PG Programmes Proposed for the academic year 2020-21

As pointed out, the course work of II & III Year for all branches of UG and PG Programmes have already been started with a tentative Academic Calendar prepared in the meeting of Academic Committee.

I year admissions of UG and PG Programmes are supposed to complete in the third week of January, 2021. The tentative Academic Calendar of UG and PG Programmes was prepared in the meeting of Academic Committee.

Proposed Academic Calendars of UG and PG Programmes for the A.Y. 2020-21 have been appended herewith.

(Annexure III)

Resolution:

1. **Resolved to approve the recommendations of the Academic Committee with regard to academic calendars for the first and second semesters of I, II & III year UG and PG Programmes for the candidates admitted during the Academic Year 2020-21 .**

2.2 REGULATION MATTERS

Item 2.2.1: To Consider and grant permission to prepare the NRIA20 Regulations of B.Tech. Programmes

As a part of implementation of autonomy it is necessary to form our own regulations regarding Academic matters for the UG and PG Programmes.

Keeping in view the suggestions given by UGC, AICTE and the Affiliating University, Academic regulations are to be prepared by a committee appointed by the Principal.

Academic Regulations for B.Tech. Programmes are to be taken approval in the next academic council meeting.

These Academic Regulations are applicable for the UG students admitted from the current Academic Year 2020-21.

These Regulations shall be called as "**NRIA20**" Regulations

Resolution:

Resolved to grant permission to prepare the Academic Regulations of NRIA20 B.Tech. Programmes with slight modifications.

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M).

2.3 CURRICULUM MATTERS

Item 2.3.1: To Consider and approve the course structures of III year UG and PG programmes.

Keeping in view the NRIA18 Academic Regulations of B.Tech. Progrtammes, the course structure for the III year first and second semesters have been discussed and finalized in the Academic Committee meeting. A draft was prepared and it has been verified with other autonomous institutions for making final draft of the course structure. The course structures have been discussed in the individual BOS and the changes suggested were forwarded to Academic Council.

a) A copy of the proposed Third year course structure of the following UG Programmes is appended herewith:

1. Proposed Third Year Course structure for CIVIL ENGINEERING
2. Proposed Third Year Course structure for ELECTRICAL AND ELECTRONICS ENGINEERING
3. Proposed Third Year Course structure for MECHANICAL ENGINEERING
4. Proposed Third Year Course structure for ELECTRONICS AND COMMUNICATION ENGINEERING
5. Proposed Third Year Course structure for COMPUTER SCIENCE AND ENGINEERING
6. Proposed Third Year Course structure for INFORMATON TECHNOLOGY

b) A copy of the proposed Third year course structure of the MCA Programme is appended herewith:

(Annexure IV)

Resolution:

1. **Resolved to approve the first and second semester course structures of various III year B.Tech., M.Tech. and MCA Programmes .**

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M).

Item 2.3.2: To Consider and approve the III year Syllabi for UG and PG programmes proposed by Individual BOS.

As a part of implementation of autonomy it is necessary to frame our own syllabus for UG and PG Programme at department level.

The syllabus for both first and second semesters of Second year has been prepared, as per the NRIA18 Academic Regulations, by a committee appointed by the Heads of respective departments consisting of faculty of all specializations covering the respective Programme. A series of meetings were held to make necessary changes. A draft was prepared and it has been verified with other autonomous institutions for finalizing the same. The Syllabi have been discussed in the Individual BOS and the changes suggested were forwarded to the Academic council.

The resolutions of various BOS to be approved are:

1. Resolutions of Freshmen Engineering Department Board of studies
2. Resolutions of Civil Engineering Board of studies
3. Resolutions of Electrical and Electronics Engineering Board of studies
4. Resolutions of Mechanical Engineering Board of studies
5. Resolutions of Electronics and Communications Engineering Board of studies
6. Resolutions of Computer Science and Engineering Board of studies
7. Resolutions of Information Technology Board of studies
8. Resolutions of MCA Board of studies

Resolution:

1. **Resolved to approve the III year syllabus for first and second semesters of various B.Tech., and MCA Programmes as proposed by the respective Boards of studies..**

Item 2.3.3: To Consider and approve the II year course structure of MBA programme proposed by BOS of MBA.

Keeping in view the NRIA18 Academic Regulations of MBA Programme, the course structure for the first and second semesters of II Year have been discussed and finalized in the Academic Committee meeting. A draft was prepared and it has been verified with other autonomous institutions for making final draft of the course structure. The course structures have been discussed in the MBA BOS and the changes suggested were forwarded to the Academic Council.

A copy of the proposed Second year course structure of MASTER OF BUISINESS ADMINISTRATION is appended herewith:

(Annexure V)

Resolution:

1. **Resolved to approve the first and second semester course structures of II year MBA Programmes as recommended by the MBA Board of Studies.**

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M).

Item 2.3.4: To Consider and approve the II year Syllabi of MBA programme proposed by MBA BOS.

As a part of implementation of autonomy it is necessary to frame our own syllabus for MBA Programme at department level.

The syllabi for both first and second semesters of Second year have been prepared, as per the NRIA18 Academic Regulations, by a committee appointed by the HoD consisting of faculty of all specializations covering respective Programme. A series of meetings were held to make necessary changes. A draft was prepared and it has been verified with other autonomous institutions for finalizing the same. The Syllabus has been discussed in the MBA BOS and the changes suggested were forwarded to the academic council.

Resolution:

1. **Resolved to approve the First and second semesters Syllabi of II Year MBA Programme as proposed by the MBA Boards of studies.**

2.4 EXAMINATION MATTERS

Item 2.4.1: To Consider and approve the Results of UG and PG Regular Examinations conducted from the Previous Academic Council Meeting till date.

As a part of implementation of autonomy, it is necessary to analyze the Results.

Before releasing the results of various UG and PG Programmes, the Results committee reviewed the following Regular examination results for the

Academic Year 2019-20:

1. Results of II B.Tech. I Semester Regular
2. Results of I B.Tech. I Semester Regular
3. Results of II MCA I Semester Regular
4. Results of II M.Tech. I Semester Regular
5. Results of I M.Tech. I Semester Regular
6. Results of I MBA I Semester Regular
7. Results of I MCA I Semester Regular
8. Results of I B.Tech. II Semester Regular
9. Results of II M.Tech. II Semester Regular

Academic Year 2018-19:

1. Results of I M.Tech. II Semester Regular
2. Results of I MCA II Semester Regular

(Annexure VI)

Resolution:

1. **Resolved to approve the Results of UG and PG Regular Examinations conducted from Previous Academic Council Meeting till date**

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M).

Item 2.4.2: To Consider and approve the list of eligible students for the award of M.Tech. Degree.

As a part of implementation of autonomy, It is necessary to send the list of eligible students for the award of M.Tech. Degree.

The candidates in the list have obtained required number of credits, completed the Project Viva Voce examination and are eligible for getting their M.Tech. Degree of 2018 Batch along with Provisional Certificates.

The List is submitted for approval.

(Annexure VII)

Resolution:

1. **Resolved to approve the list of eligible students for the award of M.Tech. Degree of 2018 Batch along with Provisional Certificates.**

Item 2.4.3: To Consider and approve the promotion of students to III Year B.Tech. without credits detention in view of COVID-19 pandemic .

As a part of implementation of autonomy it is necessary to implement the credits detention as per the NRIA18 Regulation of UG Programmes.

Keeping in view the NRIA20 Academic Regulations, the credits detention conditions of B.Tech. NRIA18 regulation discussed in the Academic committee,the committee provisionally promoted 2018 Batch B.Tech. students to the III Year in the view of COVID 19 Pandemic and suggested to forward the same to the academic council for apporoval.

Resolution:

1. **Resolved to approve the promotion of students to III Year B.Tech. without credits detention in the view of COVID-19 pandemic.**

2.4.6: To Consider and approve the inclusion of NPTEL credit courses done by the student from June 2020 to December 2020 in the consolidated grade certificate

As a part of implementation of autonomy it is necessary to issue the Consolidated Grade certificate to the Students.

Keeping in view the Academic Regulations, discussed in the Academic Committee meeting the possibility of inclusion of NPTEL credit course done by the student from June 2020 to December 2020 is included in the consolidated grade certificate and it has been proposed for the approval.

Resoltuion:

1. **Resolved to approve the inclusion of NPTEL credit course done by the student in the consolidated grade certificate.**

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M).

2.5 RECOMMENDATION MATTERS

Item 2.5.1: To propose recommendations to the Governing council

Keeping in view the development of the Institution, it is requested to suggest and recommend any changes in matters related to academic affairs. These recommendations shall be placed before the next Governing Council of the Institution for their consideration.

Resolution:

Resolved to suggest the following for the development of the Institution.

1. **Encourage the UG students for Honours and Minor degree.**
2. **For Mandatory Non Credit courses, only internal evaluation is suggested and external evaluation is not needed.**
3. **In View of Pandemic situation, it is advised to encourage online internships.**

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M).

NRI INSTITUTE OF TECHNOLOGY
(Autonomous)

SECOND MEETING
OF THE
ACADEMIC COUNCIL

DATE : 11th August 2019

TIME : 10.00 AM

VENUE: Chambers of the Chairman,
NRI Institute of Technology, Pothavarappadu

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PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M)

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PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M)

NRI INSTITUTE OF TECHNOLOGY

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

MEETING OF THE ACADEMIC COUNCIL OF NRI INSTITUTE OF TECHNOLOGY TO BE HELD ON 11th AUGUAT 2019 AT 10.00 AM IN THE CHAMBERS OF THE CHAIRMAN, NRI Institute of Technology, Pothavarappadu.

Members:

S.No	Name	Designation	Member
1.	Prof. C. Naga Bhaskar	Principal	Chairman
2.	Dr. R. Venkata Rao	Management Representative	Member
3.	Prof. V. Vasudeva Rao	Former Principal	Member
4.	Prof. M. V. Narasimha Sarma	Director (Academic)	Member
	Heads of Departments		
5.	Prof. K. V. Sambasiva Rao	Dean, CSE	Member
6.	Dr. M.Chaitanya Kishore Reddy	HoD, CSE	Member
7.	Prof. K. Krishna Murthy	HoD, ECE	Member
8.	Prof. N. Sambasiva Rao	HoD, EEE & CE	Member
9.	Prof. K. Prasada Rao	HoD, Mech	Member
10	Mr.B. B.K, Prasad	HoD, IT	Member
11	Prof. K.Vijay Kishore	HoD, Civil	Member
12	Sri K.Chandra Mouli	HoD, MCA	Member
13	Prof. B.Hima Lakshmi	HoD, MBA	Member
14	Prof. G. Devendra Raja	HoD, Chemistry	Member
15	Dr. M. Babu Prasad	HoD, Maths	Member
16	Dr. Sk. Salma Begum	HoD, Physics	Member
17	Ms.G.Sridevi	HoD, English	Member
18	Dr.N.V.Surendra Babu	Professor(TPO)	Member
19	Mr. B.V.R.V. Prasad	Addl. Controller of Examinations	Member
	Four Teachers of the College		
20	Dr. C.Nageswara Rao	Professor	Member
21	Dr. D. Kailasa Rao	Professor	Member
22	Prof. R. Sunitha	Professor	Member
23	Ms. D. Sunitha	Associate Professor	Member
	Four Experts Outside the College		
24	Prof. P. Udaya Bhaskar	Chairman, APPSC	Member
25	Prof. V. Ramachandra Raju	Vice-Chancellor, RGUKT	Member
26	Prof. K. Padma Raju	Member, APPSC	Member
27	Sri R. Rama Mohan Rao	Advocate	Member
28	Dr. D. Rama Krishna	Managing Director, Effotronics Ltd.	Member
	University Nominees		
29	Prof. V. V. Subba Rao	Registrar, JNTUK	Member
30	Prof. R.Srinivasa Rao	Director of Evaluation, JNTUK	Member
31	Prof. G.Yesuratnam	Director of Academic Planning JNTUK	Member
	Nomination by the Principal		
32	Dr.Ch.Sukesh Babu	Professor	Member Secretary

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PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M)

SECTION-I **ITEM FOR NOTING**

Item : 1.1 **Noting and Welcoming the Members of Academic Council of the Institution.**

It is to note that the AICTE has permitted our Institution to change the existing MCA course to MBA course from this academic year 2019-20.

The admissions to MBA are in the process, however the class work for First Semester of First Year MBA will be tentatively from **26.08.2019**.

As part of the Regulations of UGC for implementation of Autonomy, Boards of Studies of MBA is constituted and meetings conducted in the last week of July, 2019 along with the BOS of other of the faculties in the manner the UGC has suggested in their Regulations.

The Principal, with the help and advice of Heads of Department of MBA, have formed the Board of Studies of MBA

Point for Noting:

1. To extending a welcome to the members of Academic Council of the Institution.
2. Thanking the External Experts for accepting our invitation with a request to extend their helping hand with their vast experience in the field to design a Academic Regulations, Curriculum and Examination Procedures that help to produce skilled and employable Engineers.

Item : 1.2 **Confirmation of the Minutes of First Academic Council Meeting held on 4th August, 2018**

The Minutes of the **First meeting** of the Academic Council, NRIIT may please be confirmed. Minutes of the meeting of the **First** Academic council of NRIIT appended here with.

(Annexure I)

Point for Noting:

1. To note the proceedings of First Academic Council meeting.
2. To review the action taken report that has been taken on the resolutions of the First meeting of Academic Council, NRIIT held on 4th August 2018. Action taken report is appended for perusal.

(Annexure II)

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M)

SECTION II — Item for consideration

2.1 ACADEMIC CALENDER

Item 2.1.1: To Consider and approve the Academic Calendars of UG and PG Programmes Proposed for the academic year 2019-20

As pointed out, the course work of II Year for all branches of UG and PG Programmes have already been started with a tentative Academic Calendar prepared in the meeting of Academic Committee.

I year admissions of UG and PG Programmes supposed to complete in the first/ second week of August. The tentative Academic Calendar of UG and PG Programmes was prepared in the meeting of Academic Committee.

Proposed Academic Calendars of UG and PG Programmes for the A.Y. 2019-20 have been appended herewith.

(Annexure III)

Point for Consideration:

1. To Consider and approve the recommendation of the Academic Committee with regard to academic calendars for first and second semesters of I & II year UG and PG Programmes for the candidate admitted during the Academic Year 2019-20 .

2.2 REGULATION MATTERS

Item 2.2.1: To Consider and approve the Regulations of MBA Programme Proposed by BOS of MBA

As a part of implementation of autonomy it is necessary to form our own regulations regarding Academic matters for UG and PG Programmes.

Keeping in view the suggestions given by UGC, AICTE and the Affiliating University, Academic regulations have been prepared by a committee appointed by the principal . A series of meetings were held to meet necessary changes. A draft was prepared and it has been discussed with other autonomous institutions for making final draft. The Academic regulations have been discussed in the MBA BOS and suggested changes were made to propose to Academic Council.

Academic Regulations for MBA Programme proposed by BOS of MBA have been appended herewith.

These Academic Regulations applicable for the students admitted from current Academic Year 2019-20.

These Regulations shall be called as "**NRIA18**" Regulations

(Annexure IV)

Point for Consideration:

1. To Consider and approve the Academic Regulations of MBA Programmes for the students admitted from the Academic Year 2019-20 as recommended by the MBA Board of Studies.

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M)

2.3 CURRICULUM MATTERS

Item 2.3.1: To Consider and approve the course structures of II year UG and PG programmes.

Keeping in view the New Academic Regulations of B.Tech. Progrtamme, the course structure for the II year first and second semesters have been discussed and finalized in the Academic Committee meeting. A draft was prepared and it has been discussed with other autonomous institutions for a making final draft course structure. The course structures have been discussed in the individual BOS and suggested changes were made to propose to Academic Council.

a) A copy of the proposed Second year course structure of the following UG Programmes are appended herewith:

1. Proposed Second Year Course structure for CIVIL ENGINEERING
2. Proposed Second Year Course structure for ELECTRICAL AND ELECTRONICS ENGINEERING
3. Proposed Second Year Course structure for MECHANICAL ENGINEERING
4. Proposed Second Year Course structure for ELECTRONICS AND COMMUNICATION ENGINEERING
5. Proposed Second Year Course structure for COMPUTER SCIENCE AND ENGINEERING
6. Proposed Second Year Course structure for INFORMATON TECHNOLOGY

b) A copy of the proposed Second year course structure of the M.Tech . Programmes are appended herewith:

c) A copy of the proposed Second year course structure of the MCA Programme is appended herewith:

(Annexure V)

Point for Consideration:

1. To Consider and approve the first and second semester course structures of various II year B.Tech., M.Tech. and MCA Programmes .

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M)

Item 2.3.2: To Consider and approve the II year Syllabus of UG and PG programmes proposed by individual BOS.

As a part of implementation of autonomy at department level it is necessary to frame our own syllabus for UG Programme.

The syllabus for the both first and second semesters of Second year have been prepared, as per the New Academic Regulations, by a committee appointed by the HOD consisting of faculty of all specializations covering Programme. A series of meetings were held to meet necessary changes. A draft was prepared and it has been discussed with other autonomous institutions for a making final draft. The Syllabus have been discussed in the Individual BOS and suggested changes were made to propose to academic council.

The resolutions of various BOS are to be approve:

1. Resolutions of Freshmen Engineering Department Board of studies
2. Resolutions of Civil Engineering Board of studies
3. Resolutions of Electrical and Electronics Engineering Board of studies
4. Resolutions of Mechanical Engineering Board of studies
5. Resolutions of Computer Science and Engineering Board of studies
6. Resolutions of Information Technology Board of studies
7. Resolutions of MCA Board of studies

Point for Consideration:

1. To Consider and approve the first and second semesters of II year syllabus of various B.Tech., M.Tech. and MCA Programmes as proposed by the respective Boards of studies..

Item 2.3.3: To Consider and approve the I year course structure of MBA programme proposed by BOS of MBA.

Keeping in view the New Academic Regulations of MBA Progrtamme, the course structure for the first and second semesters have been discussed and finalized in the Academic Committee meeting. A draft was prepared and it has been discussed with other autonomous institutions for a making final draft course structure. The course structures have been discussed in the MBA BOS and suggested changes were made to propose to Academic Council.

A copy of the proposed First year course structure of the MASTER OF BUISINESS ADMINISTRATION is appended herewith:

(Annexure VI)

Point for Consideration:

1. To Consider and approve the first and second semester course structures of I year MBA Programmes as recommended by the MBA Board of Studies.

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M)

Item 2.3.4: To Consider and approve the I year Syllabus of MBA programme proposed by MBA BOS.

As a part of implementation of autonomy at department level it is necessary to frame our own syllabus for MBA Programme.

The syllabus for the both first and second semesters of First year have been prepared, as per the New Academic Regulations, by a committee appointed by the HOD consisting of faculty of all specializations covering Programme. A series of meetings were held to meet necessary changes. A draft was prepared and it has been discussed with other autonomous institutions for a making final draft. The Syllabus have been discussed in the MBA BOS and suggested changes were made to propose to academic council.

Point for Consideration:

1. To Consider and approve the First and second semesters Syllabus of MBA Programme as proposed by the MBA Boards of studies..

2.4 EXAMINATION MATTERS

Item 2.4.1: To Consider and approve the format of Question Paper for MBA Programme

As a part of implementation of autonomy it is necessary to frame a Question paper pattern for paper setting.

Keeping in view the Academic Regulations, The format of Question Paper for MBA Programme has been prepared and discussed with the Head of the department for making the final format. The Question papers patterns have been discussed in the MBA BOS and suggested changes were made to propose to academic council.

(Annexure VII)

Point for Consideration:

1. To Consider and approve the question paper format of MBA Programme for the academic Regulations NRIA18 as recommended by the MBA Board of Studies.

2.4.2: To Consider and approve the inclusion of Online courses done by the student in the consolidated grade certificate

As a part of implementation of autonomy it is necessary to issue the Consolidated Grade certificate to the Students.

Keeping in view the Academic Regulations, discussed the possibility of inclusion of Online courses done by the student in the consolidated grade certificate in the Academic Committee meeting and it has been proposed for the approval.

Point for Consideration:

1. To examine and approve the inclusion of online courses done by the student in the consolidated grade certificate.

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M)

2.4.3: To Consider and approve internal assessment method for integrated course i.e the subject with Theory and Lab sessions

As a part of implementation of autonomous syllabus, some of the integrated course i.e. subject where Theory and Lab sessions combined together for assessment , the evaluation of the courses done by one mid examination and one lab examination.

Keeping in view the Academic Regulations, A systematic procedure for internal assessment of integrated courses has been prepared and finalized in the Academic Committee meeting.

The following is the Proposed procedure for the internal assessment of integrated courses:

1. Theory sessions (covering Lecturer periods) to be assessed by the Continuous internal Assessment (CIA) method related to theory as mentioned in the **B.Tech. Academic Regulations NRIA18.**
2. Lab sessions (covering Practical periods) to be assessed by the Continuous internal Assessment (CIA) method defined for Lab related to labs as mentioned in the **B.Tech. Academic Regulations NRIA18.**
3. Continuous internal assessment marks will be posted as per the theory components described for 40 marks.
4. For these subjects weightage taken as per the theory courses as mentioned in the **B.Tech. Academic Regulations NRIA18.**

Point for Consideration:

1. To examine and approve the proposed procedure for internal assessment of integrated courses.

2.5 RECOMMENDATION MATTERS

Item 2.5.1: To propose recommendations to the Governing council

Keeping in view the development of the Institution, it is requested to suggest and recommend any matter related to academic affairs for the development of the Institution. These recommendations shall be placed before the next Governing Council of the Institution for their consideration.

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M)

Minutes of the Meeting
2nd Academic Council Meeting

Dt: 11/08/19
Time: 10:00AM

Venue: Chamber of Chairman

1. Prof. C. Naga Bhaskar — Chairman — Principal
2. Dr. R. Venkata Rao — Member — Management Representative
3. Prof. V. Vasudeva Rao — Member — Former Principal
4. Prof. M.V. Narasimha Sarma — Member — Director (Academic) — 11/8/19
5. Prof. K.V. Sambasiva Rao — Member — Dean, CSE
6. Dr. M. Chaitanya Kishore Reddy — Member — HOD, CSE — 11/8/19
7. Prof. K. Krishna Murthy — Member — HOD, ECE — 7/8/19
8. Prof. N. Sambasiva Rao — Member — HOD EEE & CE — 14.8.19
9. Prof. K. Prasada Rao — Member — HOD Mech — 11/8/19

10. Mr. B.B.K. Prasad — Member
HOD IT

11. Prof. K. Vijay Kishor — Member
HOD Civil

12. Sri K. Chandra Mouli — Member
HoD MCA

13. Prof. B. Hima Lakshmi — Member
HoD MBA

14. Prof. G. Devendra Raja
HoD Chemistry

15. Dr. M. Babu Prasad
HoD Maths

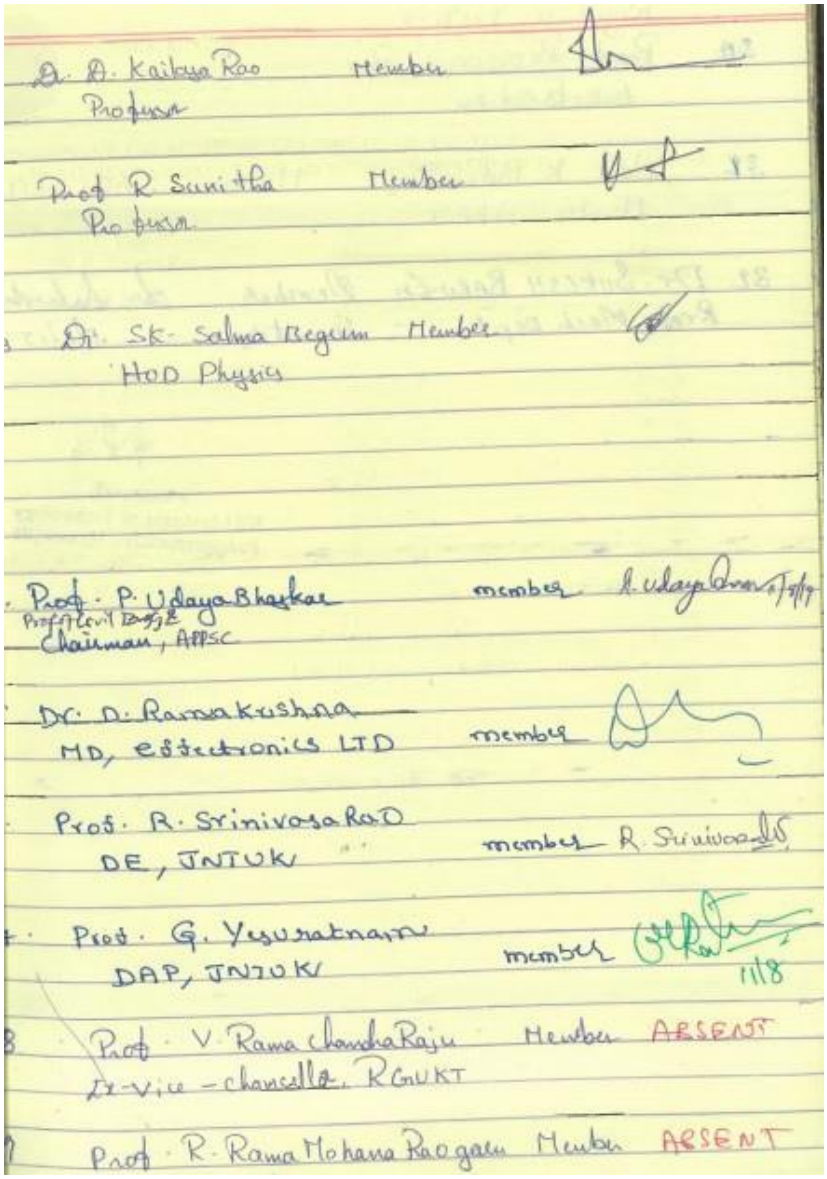
16. Mrs. D Sunitha
Assoc. Prof, CSE dept

17. Prof. C V Nageswara Rao

18. Ms. G. Sri Devi
HoD English — Member

19. Dr. N V Surendra Babu — Member
Professor TPO

20. Mr. B.V.R.V. Prasad — Member
Addl. Controller of Examinations



Dr. D. Kailasa Rao Member
Professor

Prof R Sunitha Member
Professor

Dr. SK. Salma Begum Member
HOD Physics

Prof. P. Udaya Bhaskar member
Prof of Civil Engg & Chairman, APPSC

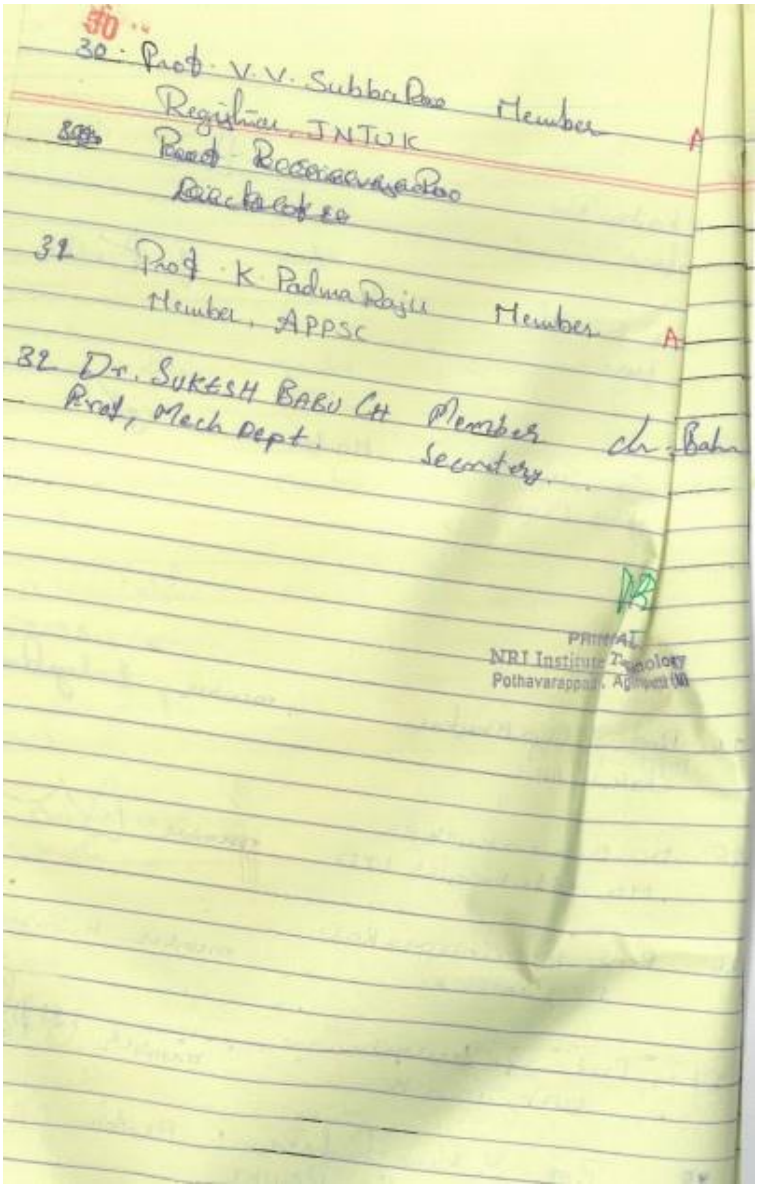
Dr. D. Ramakrishna member
MD, Effectronics LTD

Prof. R. Srinivasa Rao member
DE, JNTUK

Prof. G. Yesuratnam member
DAP, JNTUK

Prof. V. Rama Chandra Raju Member ABSENT
Ex-Vice-Chancellor, RGUKT

Prof. R. Rama Mohana Rao garu Member ABSENT



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30. Prof. V.V. Subba Rao Member
Registrar, JNTUK

~~30~~ ~~Prof. [illegible]~~
~~[illegible]~~

31 Prof. K. Padma Raju Member
Member, APPSC

32 Dr. SUKESH BABU CH Member
Prof, Mech Dept. Secretary.

Ch. Babu

PRINCIPAL
NRI Institute Technology
Pothavarappadu, Agiripalli

NRI INSTITUTE OF TECHNOLOGY

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

MEETING OF THE ACADEMIC COUNCIL OF NRI INSTITUTE OF TECHNOLOGY HELD ON 11th AUGUAT 2019 AT 10.00 AM IN THE CHAMBERS OF THE PRINCIPAL,NRIIT

Members Present:

S.No	Name	Designation	Member
1.	Prof. C. Naga Bhaskar	Principal	Chairman
2.	Dr. R. Venkata Rao	Management Representative	Member
3.	Prof. V. Vasudeva Rao	Former Principal	Member
4.	Prof. M. V. Narasimha Sarma	Director (Academic)	Member
	Heads of Departments		
5.	Prof. K. V. Sambasiva Rao	Dean, CSE	Member
6.	Dr. M.Chaitanya Kishore Reddy	HoD, CSE	Member
7.	Prof. K. Krishna Murthy	HoD, ECE	Member
8.	Prof. N. Sambasiva Rao	HoD, EEE & CE	Member
9.	Prof. K. Prasada Rao	HoD, Mech	Member
10	Mr.B. B.K, Prasad	HoD, IT	Member
11	Prof. K.Vijay Kishore	HoD, Civil	Member
12	Sri K.Chandra Mouli	HoD, MCA	Member
13	Prof. B.Hima Lakshmi	HoD, MBA	Member
14	Prof. G. Devendra Raja	HoD, Chemistry	Member
15	Dr. M. Babu Prasad	HoD, Maths	Member
16	Dr. Sk. Salma Begum	HoD, Physics	Member
17	Ms.G.Sridevi	HoD, English	Member
18	Dr.N.V.Surendra Babu	Professor(TPO)	Member
19	Mr. B.V.R.V. Prasad	Addl. Controller of Examinations	Member
	Four Teachers of the College		
20	Dr. C.Nageswara Rao	Professor	Member
21	Dr. D. Kailasa Rao	Professor	Member
22	Prof. R. Sunitha	Professor	Member
23	Ms. D. Sunitha	Associate Professor	Member
	Four Experts Outside the College		
24	Prof. P. Udaya Bhaskar	Chairman, APPSC	Member
25	Dr. D. Rama Krishna	Managing Director, Effotronics Ltd.	Member
	University Nominees		
26	Prof. R.Srinivasa Rao	Director of Evaluation, JNTUK	Member
27	Prof. G.Yesuratnam	Director of Academic Planning JNTUK	Member
	Nomination by the Principal		
28	Dr.Ch.Sukesh Babu	Professor	Member Secretary

Members Absent:

S.No	Name	Designation	Member
1.	Prof. V. V. Subba Rao	Registrar, JNTUK	Member
2.	Prof. V. Ramachandra Raju	Vice-ChancellorRGUKT	Member
3.	Prof. K. Padma Raju	Member, APPSC	Member
4.	Sri R. Rama Mohan Rao	Advocate	Member

SECTION-1 **ITEM FOR NOTING**

Item : 1.1 **Noting and Welcoming the Members of Academic Council of the Institution.**

It is to note that the AICTE has permitted our Institution to change the existing MCA course to MBA course from this academic year 2019-20.

The admissions to MBA are in the process, however the class work for First Semester of First Year MBA will be tentatively from **26.08.2019**.

As part of the Regulations of UGC for implementation of Autonomy, Boards of Studies of MBA is constituted and meetings conducted in the last week of July, 2019 along with the BOS of other of the faculties in the manner the UGC has suggested in their Regulations.

The Principal, with the help and advice of Heads of Department of MBA, have formed the Board of Studies of MBA

Resolution:

On behalf of the Management and on his own behalf, the Principal and the Chairmen of the Academic Council of NTI IT, extended heartfelt welcome to the external members of this Academic Council and also thanked the External Experts for kindly accepting the invitation and for attending this meeting to guide for implementing the Autonomy of our Institution.

Item : 1.2 **Confirmation of the Minutes of First Academic Council Meeting held on 4th August, 2018**

The Minutes of the **First meeting** of the Academic Council, NRIIT may please be confirmed. Minutes of the meeting of the **First** Academic council of NRIIT appended here with.

(Annexure I)

(Annexure II)

Resolution:

Resolve to confirmed the Minutes of the First meeting of the Academic Council, NRIIT held on 4th August 2018 and reviewed the action taken report of first meeting of Academic Council

PRINCIPAL
NRI Institute of Technology

SECTION II **Item for consideration**

2.1 ACADEMIC CALENDER

Item 2.1.1: To Consider and approve the Academic Calendars of UG and PG Programmes Proposed for the academic year 2019-20

As pointed out, the course work of II Year for all branches of UG and PG Programmes have already been started with a tentative Academic Calendar prepared in the meeting of Academic Committee.

I year admissions of UG and PG Programmes supposed to complete in the first/ second week of August. The tentative Academic Calendar of UG and PG Programmes was prepared in the meeting of Academic Committee.

Proposed Academic Calendars of UG and PG Programmes for the A.Y. 2019-20 have been appended herewith.

(Annexure III)

Resolution:

1. **Resolved to re-schedule the I year UG academic calendar with a 2 weeks summer break after the II phase of instructions with preparation duration before the commencement of the Semester-end Examinations.**
2. **Resolved to approve the academic calendars for first and second semesters of I year PG Programmes for the candidate admitted during the Academic Year 2019-20 with modification as per above resolution.**
3. **Resolved to approve the academic calendars for first and second semesters of II year UG and PG Programmes for the Academic Year 2019-20.**

2.2 REGULATION MATTERS

Item 2.2.1: To Consider and approve the Regulations of MBA Programme Proposed by BOS of MBA

As a part of implementation of autonomy it is necessary to form our own regulations regarding Academic matters for UG and PG Programmes.

Keeping in view the suggestions given by UGC, AICTE and the Affiliating University, Academic regulations have been prepared by a committee appointed by the principal . A series of meetings were held to meet necessary changes. A draft was prepared and it has been discussed with other autonomous institutions for making final draft. The Academic regulations have been discussed in the MBA BOS and suggested changes were made to propose to Academic Council.

Academic Regulations for MBA Programme proposed by BOS of MBA have been appended herewith.

These Academic Regulations applicable for the students admitted from current Academic Year 2019-20.

These Regulations shall be called as "**NRIA18**" Regulations

(Annexure IV)

Resolution:

Resolved to approve with slight modifications in the Academic Regulations of MBA Programmes as recommended by the MBA Board of Studies.

PRINCIPAL

Further, resolved to add the mini project Evaluation Procedure in and marks components in the Academic Regulations of MBA instead of mentioning in the course structure.

2.3 CURRICULUM MATTERS

Item 2.3.1: To Consider and approve the course structures of II year UG and PG programmes.

Keeping in view the New Academic Regulations of B.Tech. Progrtamme, the course structure for the II year first and second semesters have been discussed and finalized in the Academic Committee meeting. A draft was prepared and it has been discussed with other autonomous institutions for a making final draft course structure. The course structures have been discussed in the individual BOS and suggested changes were made to propose to Academic Council.

a) A copy of the proposed Second year course structure of the following UG Programmes are appended herewith:
   1. Proposed Second Year Course structure for CIVIL ENGINEERING
   2. Proposed Second Year Course structure for ELECTRICAL AND ELECTRONICS ENGINEERING
   3. Proposed Second Year Course structure for MECHANICAL ENGINEERING
   4. Proposed Second Year Course structure for ELECTRONICS AND COMMUNICATION ENGINEERING
   5. Proposed Second Year Course structure for COMPUTER SCIENCE AND ENGINEERING
   6. Proposed Second Year Course structure for INFORMATON TECHNOLOGY

b) A copy of the proposed Second year course structure of the M.Tech . Programmes are appended herewith:

c) A copy of the proposed Second year course structure of the MCA Programme is appended herewith:

(Annexure V)

Resolution:

1. **Resolved to approve the first and second semester course structures of various II year B.Tech., M.Tech. and MCA Programmes .**

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NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M)

Item 2.3.2: To Consider and approve the II year Syllabus of UG and PG programmes proposed by individual BOS.

As a part of implementation of autonomy at department level it is necessary to frame our own syllabus for UG Programme.

The syllabus for the both first and second semesters of Second year have been prepared, as per the New Academic Regulations, by a committee appointed by the HOD consisting of faculty of all specializations covering Programme. A series of meetings were held to meet necessary changes. A draft was prepared and it has been discussed with other autonomous institutions for a making final draft. The Syllabus have been discussed in the Individual BOS and suggested changes were made to propose to academic council.

The resolutions of various BOS are to be approve:

1. Resolutions of Freshmen Engineering Department Board of studies
2. Resolutions of Civil Engineering Board of studies
3. Resolutions of Electrical and Electronics Engineering Board of studies
4. Resolutions of Mechanical Engineering Board of studies
5. Resolutions of Computer Science and Engineering Board of studies
6. Resolutions of Information Technology Board of studies
7. Resolutions of MCA Board of studies

Resolution:

1. **Resolved to approve the first and second semesters of II year syllabus of various B.Tech., M.Tech. and MCA Programmes as proposed by the respective Boards of studies..**

Item 2.3.3: To Consider and approve the I year course structure of MBA programme proposed by BOS of MBA.

Keeping in view the New Academic Regulations of MBA Progrtamme, the course structure for the first and second semesters have been discussed and finalized in the Academic Committee meeting. A draft was prepared and it has been discussed with other autonomous institutions for a making final draft course structure. The course structures have been discussed in the MBA BOS and suggested changes were made to propose to Academic Council.

A copy of the proposed First year course structure of the MASTER OF BUISINESS ADMINISTRATION is appended herewith:

(Annexure VI)

Resolution:

1. **Resolved to approve the first and second semester course structures of I year MBA Programmes as recommended by the MBA Board of Studies.**

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Pothavarappadu (V), Agiripalli (M)

Item 2.3.4: To Consider and approve the I year Syllabus of MBA programme proposed by MBA BOS.

As a part of implementation of autonomy at department level it is necessary to frame our own syllabus for MBA Programme.

The syllabus for the both first and second semesters of First year have been prepared, as per the New Academic Regulations, by a committee appointed by the HOD consisting of faculty of all specializations covering Programme. A series of meetings were held to meet necessary changes. A draft was prepared and it has been discussed with other autonomous institutions for a making final draft. The Syllabus have been discussed in the MBA BOS and suggested changes were made to propose to academic council.

Resolution:

1. **Resolved to approve the First and second semesters Syllabus of MBA Programme as proposed by the MBA Boards of studies..**

2.4 EXAMINATION MATTERS

Item 2.4.1: To Consider and approve the format of Question Paper for MBA Programme

As a part of implementation of autonomy it is necessary to frame a Question paper pattern for paper setting.

Keeping in view the Academic Regulations, The format of Question Paper for MBA Programme has been prepared and discussed with the Head of the department for making the final format. The Question papers patterns have been discussed in the MBA BOS and suggested changes were made to propose to academic council.

(Annexure VII)

Resolution:

1. **Resolved to approve the question paper format of MBA Programme for the Academic Regulations NRIA18 as recommended by the MBA Board of Studies.**

2.4.2: To Consider and approve the inclusion of Online courses done by the student in the consolidated grade certificate

As a part of implementation of autonomy it is necessary to issue the Consolidated Grade certificate to the Students.

Keeping in view the Academic Regulations, discussed the possibility of inclusion of Online courses done by the student in the consolidated grade certificate in the Academic Committee meeting and it has been proposed for the approval.

Resolution:

1. **Resolved that only the subjects that are mentioned in the course structure to be included in the consolidated grade certificate and not to mention other subjects completed in the online by the student in the consolidated grade certificate as suggested by the MBA Boad of Studies.**

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Pothavarappadu (V), Agiripalli (M)

2.4.3: To Consider and approve internal assessment method for integrated course i.e the subject with Theory and Lab sessions

As a part of implementation of autonomous syllabus, some of the integrated course i.e. subject where Theory and Lab sessions combined together for assessment , the evaluation of the courses done by one mid examination and one lab examination.

Keeping in view the Academic Regulations, A systematic procedure for internal assessment of integrated courses has been prepared and finalized in the Academic Committee meeting.

The following is the Proposed procedure for the internal assessment of integrated courses:

1. Theory sessions (covering Lecturer periods) to be assessed by the Continuous internal Assessment (CIA) method related to theory as mentioned in the **B.Tech. Academic Regulations NRIA18.**
2. Lab sessions (covering Practical periods) to be assessed by the Continuous internal Assessment (CIA) method defined for Lab related to labs as mentioned in the **B.Tech. Academic Regulations NRIA18.**
3. Continuous internal assessment marks will be posted as per the theory components described for 40 marks.
4. For these subjects weightage taken as per the theory courses as mentioned in the **B.Tech. Academic Regulations NRIA18.**

Resolution:

1. **Resolved to approve the proposed procedure, as suggested by the Heads of Departments meeting for internal assessment of integrated courses.**

Item 2.4.1: To Consider and approve the Results of UG and PG Regular Examinations conducted from Previous Academic Council Meeting till date.

As a part of implementation of autonomy, it is necessary to analyze the Results.

Before releasing the results of UG and PG Programmes, the Results committee reviewed the results of the following Regular examinations.

Academic Year 2018-19:

1	I B.Tech I sem (NRIA18) Supple
2	I B.Tech II sem (NRIA18) Regular
3	M.Tech I sem (NRIA18) Regular
4	MCA I sem (NRIA18) Regular
5	I B.Tech I sem (NRIA18) Regular

(Annexure VIII)

Point for Consideration:

To Consider and approve the Results of UG and PG Regular Examinations conducted from Previous Academic Council Meeting till date.

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M).

NRI INSTITUTE OF TECHNOLOGY
(Autonomous)

FIRST MEETING
OF THE
ACADEMIC COUNCIL

DATE: 04th August 2018

TIME:10.00 AM

VENUE: Chambers of the Chairman,
NRI Institute of Technology, Pothavarappadu

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NRI Institute of Technology
Agiripalli (M)

Minutes of the Meeting ... 1

1st Academic Council Meeting

Dt: 4/8/18

Time: 10:00 AM.

Venue: Chamber of Chairman.

1. Prof C. Naga Bhaskar
   Principal

2. Dr. R. Venkata Rao
   Management Representative
   4/8/18

3. Prof. M.V. Narasimha Sarma
   Director (Academic)
   4/8/18

4. Prof K.V. Sambasiva Rao
   HoD, CSE
   4/8/18

5. Prof K. Krishna Murthy
   HoD, ECE
   4/8/18

6. Prof N. Sambasiva Rao
   HoD, EEE & CE
   4.8.18

7. Prof K. Prasada Rao
   HoD Mech
   4/8/18

8. Prof K. Swathi
   HoD IT
   4/8/18

9. Sri P. Narendra Babu
   HoD CIVIL
   4/8/18

10. Sri B. Mouleswara Rao
HoD MCA

11. Prof G. Devendra Raja
HoD Chemistry

12. Dr. M. Babu Prasad
HoD Maths

13 Dr. SK. Salma Begum
HoD Physics

14 Dr. K.P. Sarma
HoD English

15 Mr. B.V.R.V. Prasad
Addl. Controller of Examinations

16 Dr. P. Rama koteswara Rao
Professor & ECE

17 Dr. D. Kailasa Rao
Professor

18 Ms. R. Sunitha
Associate Professor

19 Prof P. Udaya Bhaskar
Chairman, APPSC

21 Prof. P. Subbarao
Director of Evaluation, JNTUK

22 Dr. A. Mallikarjuna Prasad
Professor, JNTUK

23 Dr. MHM. Krishna Prasad
Professor JNTUK

24 Dr. M. Kama Raju
Professor

25 Prof. N. Veeraiah
Professor, ANU

26 Prof. G. Padmaja Rani
Professor, JNTUK

27 Ms. D. Sunitha
Assistant Professor

28 Ms. T. Srilatha
Associate Professor

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NRI INSTITUTE OF TECHNOLOGY

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POTHAVARAPPADU (V), (VIA) NUNNA, AGIRIPALLI (M), PIN – 521 212

MEETING OF THE ACADEMIC COUNCIL OF NRI INSTITUTE OF TECHNOLOGY HELD ON 04th AUGUST 2018 AT 10.00 AM IN THE CHAMBERS OF THE CHAIRMAN, NRI Institute of Technology, Pothavarappadu.

Members Present:

S.No	Name	Designation	Member
1.	Prof. C. Naga Bhaskar	Principal	Chairman
2.	Dr. R. Venkata Rao	Management Representative	Member
3.	Prof. M. V. Narasimha Sarma	Director (Academic)	Member
	Heads of Departments		
4.	Prof. K. V. Sambasiva Rao	HoD, CSE	Member
5.	Prof. K. Krishna Murthy	HoD, ECE	Member
6.	Prof. N. Sambasiva Rao	HoD, EEE & CE	Member
7.	Prof. K. Prasada Rao	HoD, Mech	Member
8.	Prof. K. Swathi	HoD, IT	Member
9.	Sri P. Narendra Babu	HoD, Civil	Member
10.	Sri B. Mouleswara Rao	HoD, MCA	Member
11.	Prof. G. Devendra Raja	HoD, Chemistry	Member
12.	Dr. M. Babu Prasad	HoD, Maths	Member
13.	Dr. Sk. Salma Begum	HoD, Physics	Member
14.	Dr. K. P. Sarma	HoD, English	Member
15.	Mr. B.V.R.V. Prasad	Addl. Controller of Examinations	Member
	Four Teachers of the College		
16.	Dr. P.Rama Koteswara Rao	Professor	Member
17.	Dr. D. Kailasa Rao	Professor	Member
18.	Ms. R. Sunitha	Associate Professor	Member
19.	Ms. D. Sunitha	Assistant Professor	Member
	Four Experts Outside the College		
20.	Prof. P. Udaya Bhaskar	Chairman, APPSC	Member
21.	Sri R. Rama Mohan Rao	Advocate	Member
	University Nominees		
22.	Prof. E. V. Subba Rao	Registrar, JNTUK	Member
23.	Prof. P. Subbarao	Director of Evaluation, JNTUK	Member
	Special Invitees		
24.	Prof. M.H.M Krishna Prasad	Professor, JNTUK	University Nominee of MCA BOS
25.	Prof. A. M. Prasad	Professor, JNTUK	University Nominee of ECE BOS
26.	Prof. G.Padmaja Rani	Professor, JNTUK	University Nominee of ECE BOS
27.	Prof. M.Kamaraju	Professor,GEC, Gudlavalleru	Special Invitee
	Nomination by the Principal		
28	Smt. T. Srilatha	Associate Professor	Member Secretary

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PRINCIPAL
NRI Institute of Technology

Members Absent:

S.No	Name	Designation	Member
1.	Prof. V. Vasudeva Rao	Former Principal	Member
2.	Prof. V. Ramachandra Raju	Vice-Chancellor RGUKT	Member
3.	Prof. K. Padma Raju	Member, APPSC	Member
4.	Dr. D. Rama Krishna	Managing Director, Effotronics Ltd.	Member
5.	Prof. Ch. Satyanarayana	Director of Academic Planning JNTUK	Member

PRINCIPAL
NRI Institute of Technology
Pothavarappadu (V), Agiripalli (M)

SECTION-I **ITEM FOR NOTING**

Item : 1.01 **Noting and Welcoming the Members of Academic Council of the Institution.**

It is to note that the University Grants Commission, New Delhi has granted Autonomous Status to NRI Institute of Technology and orders to this effect have been issued by the affiliating University Jawaharlal Nehru University Kakinada from this academic year 2018-19

The admissions to all Branches of First Year B.Tech., M.Tech., and MCA are in the process, however the class work for First Semester of First Year B.Tech. courses have already been commenced from **11.06.2018**, and M.Tech. & MCA will be tentatively from **06.08.2018**.

As the inspection for grant of Autonomy was conducted by UGC much before the re-opening of the College, a rough course structure, Syllabus and a draft Academic Calendar were prepared and class work was started with the newly designed course structure with a positive hope of the grant of the autonomous status to our college.

As part of the Regulations of UGC for implementation of Autonomy, Boards of Studies were constituted and meetings conducted in the last week of July, 2018 to each of the faculties in the manner the UGC has suggested in their Regulations.

The Principal, with the help and advice of Heads of Department of various branches, have formed the Board of Studies of UG and PG to each of the following faculties/Branches:

1. UG and PG Board of Studies for Computer Science and Engineering
2. UG and PG Board of Studies for Electronics and Communication Engineering
3. UG and PG Board of Studies for Electrical and Electronics Engineering
4. UG and PG Board of Studies for Mechanical Engineering
5. UG and PG Board of Studies for Civil Engineering
6. UG Board of Studies for Information Technology Department
7. UG Board of Studies for Freshmen Engineering Department
8. Board of Studies for Master in Computer Applications (MCA)

As part of the Regulations of UGC for implementation of Autonomy,, it is necessary to form Academic Council of the Institution in the manner the UGC has suggested in their Regulations.

A list of Members nominated to Academic Council is appended to this Agenda Notes.

Resolution:

On behalf of the Management, Principal and in particular the Chairmen of the Academic Council of NTI IT, extends their heartfelt welcome to the external members of this Academic Council and also thanks the External Experts for kindly accepting our invitation and for attending this meeting to guide us for implementing the Autonomy of our Institution.

PRINCIPAL
NRI Institute of Technology

SECTION II **Item for consideration**

2.1 ACADEMIC CALENDER

Item 2.1.1: To Consider and approve the Academic Calendars of UG and PG Programmes Proposed by Common BoS for the academic year 2018-19

As pointed out, the course work for all branches of UG Programme have already been started with tentative Academic Calendar prepared by the Principal with the help of the Heads of Departments. The PG Programmes supposed to complete the first phase of admissions in the first week of August. Th tentative Academic Calendar of PG Programmes prepared by the with the help of the Heads Departments and discussed in the Common BoS.

The following are the Academic Calendars of UG and PG Programmes proposed by common BoS for the A.Y. 2018-19.

1. Proposed Academic Calendar of First year B.Tech. Programme

I B.TECH I SEMESTER			
Description	**From**	**To**	**Weeks**
Commencement of Class Work	11-06-2018		
Induction Program	11-06-2018	30-06-2018	3 weeks
I Phase of Instructions	02-07-2018	25-08-2018	8 weeks
I Mid –Term Examinations (Subjective and Online Objective)	27-08-2018	01-09-2018	1 week
II Phase of Instructions	03-09-2018	10-11-2018	9 weeks
II Mid –Term Examinations (Subjective and Online Objective)	12-11-2018	17-11-2018	1 week
Preparation & Practicals	19-11-2018	24-11-2018	1 week
End Examinations	26-11-2018	08-12-2018	2 weeks
Class Tests			
I Class Test conducted during class hours	13-08-2018	18-08-2018	1 week
II Class Test conducted during class hours	22-10-2018	27-10-2018	1 week
Assignments			
I Assignment submission	20-08-2018	25-08-2018	1 week
II Assignment submission	05-11-2018	10-11-2018	1 week
I B.TECH II SEMESTER			
Commencement of Class Work	12-12-2018		
I Phase of Instructions	12-12-2018	09-02-2019	9 weeks
I Mid –Term Examinations (Subjective and Online Objective)	11-02-2019	16-02-2019	1 week
II Phase of Instructions	18-02-2019	13-04-2019	8 weeks
II Mid –Term Examinations (Subjective and Online Objective)	15-04-2019	20-04-2019	1 week
Preparation & Practicals	22-04-2019	27-04-2019	1 week
End Examinations	29-04-2019	11-05-2019	2 weeks
Commencement of II Year Class Work	10-06-2019		
Class Tests			
I Class Test conducted during class hours	21-01-2019	26-01-2019	1 week
II Class Test conducted during class hours	25-03-2019	30-03-2019	1 week
Assignments			
I Assignment submission	04-02-2019	09-02-2019	1 week
II Assignment submission	08-04-2019	13-04-2019	1 week

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NRI Institute of Technology

2. Proposed Academic Calendar of First year M.Tech. Programme

I M.TECH I SEMESTER			
Description	**From**	**To**	**Weeks**
Commencement of Class Work	06-08-2018		
I Phase of Instructions	06-08-2018	06-10-2018	9 weeks
I MID Examinations	08-10-2018	13-10-2018	1 week
II Phase of Instructions	15-10-2018	08-12-2018	8 weeks
II MID Examinations	10-12-2018	15-12-2018	1 week
Preparation & Practicals	17-12-2018	22-12-2018	1 week
End Examinations	24-12-2018	05-01-2019	2 weeks
I M.TECH II SEMESTER			
Commencement of Class Work	07-01-2019		
I Phase of Instructions	07-01-2019	09-03-2019	9 weeks
I MID Examinations	11-03-2019	16-03-2019	1 week
II Phase of Instructions	18-03-2019	11-05-2019	8 weeks
II MID Examinations	03-06-2019	08-06-2019	1 week
Preparation & Practicals	10-06-2019	15-06-2019	1 week
End Examinations	17-06-2019	29-06-2019	2 weeks
Commencement of II Year Class Work	01-07-2019		

3. Proposed Academic Calendar of First year MCA Programme

I MCA I SEMESTER			
Description	**From**	**To**	**Weeks**
Commencement of Class Work	06-08-2018		
I Phase of Instructions	06-08-2018	06-10-2018	9 weeks
I MID Examinations	08-10-2018	13-10-2018	1 week
II Phase of Instructions	15-10-2018	08-12-2018	8 weeks
II MID Examinations	10-12-2018	15-12-2018	1 week
Preparation & Practicals	17-12-2018	22-12-2018	1 week
End Examinations	24-12-2018	05-01-2019	2 weeks
I MCA II SEMESTER			
Commencement of Class Work	07-01-2019		
I Phase of Instructions	07-01-2019	09-03-2019	9 weeks
I MID Examinations	11-03-2019	16-03-2019	1 week
II Phase of Instructions	18-03-2019	11-05-2019	8 weeks
II MID Examinations	03-06-2019	08-06-2019	1 week
Preparation & Practicals	10-06-2019	15-06-2019	1 week
End Examinations	17-06-2019	29-06-2019	2 weeks
Commencement of II Year Class Work	01-07-2019		

Resolution

1. **Resolved to conduct Class Test after UNIT I and UNIT III and Ist Mid Examination after completion of Ist Phase of Instruction and 2nd Mid- Examination after IInd Phase of Instruction. For continuous evaluation 80% of best of two and 20% of marks obtained in remaining examination in both Class Test and Mid-Examination will be taken as the marks awarded to the Candidate.**
2. **Resolve to consider the Induction Programmes as the part of curriculum and the evaluation procedure shall be described in the Examination Regulations of the Institution.**
3. **Resolved to re-schedule the academic calendar with a break of one week in between each semester.**

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2.2 REGULATION MATTERS

Item 2.2.1: To Consider and approve the Regulations of UG and PG Programmes by Proposed Common BoS

As a part of implementation of autonomy it is necessary to from our own regulations regarding Academic matters for UG and PG Programmes.

Keeping in view the suggestions given by UGC, AICTE and the Affiliating University, Academic regulations have been prepared by a committee appointed by the principal consisting of all the Heads of the departments. A series of meetings were held to meet necessary changes. A draft was prepared and it has been discussed with other autonomous institutions for making final draft. The Academic regulations have been discussed in the common BOS and suggested changes were made to propose to academic council.

The following are the regulations proposed by Common BoS :

1. Proposed Academic Regulations for B.Tech. Programmes
2. Proposed Academic Regulations for M.Tech. Programmes
3. Proposed Academic Regulations for MCA Programme

These Academic Regulations applicable for the students admitted from current Academic Yea 2018-19.

These Regulations shall be called as "**NRIA18**" Regulations

The common Board of Studies has met and recommended the above regulations.

(Annexure I

Resolution

Resolved to approve, with slight modifications in the Academic Regulations- NRIA18 of B.Tech., M.Tech., and MCA Programmes proposed by Common Board of Studies.

1. **A candidate shall be allowed to appear for semester-end examinations if and only if h puts 75% of attendance subject to condonation of 10% attendance as per the rule rules o the Government of Andhra Pradesh. The remaining points under this regulations are a per the proposal above.**
2. **Resolved to award "Distinction" to a candidate who earned CGPA of > or = 7.5 but has passed in all the subjects from 1st semester to 8th semester in his/her first attempt includin non-credit courses.**

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2.3 CURRICULUM MATTERS

Item 2.3.1: To Consider and approve the first year course structure of UG and PG programmes proposed by Common BoS.

Keeping in view the New Academic Regulations of B.Tech. Progrtamme, the course structure for the first and second semesters of first year have been prepared by a committee appointed by the principal consisting of all the Heads of the departments. A series of meetings were held to meet necessary changes. A draft was prepared and it has been discussed with other autonomous institutions for a making final draft course structure. The course structures have been discussed in the common BOS and suggested changes were made to propose to academic council.

a) A copy of the proposed first year course structure of the following UG Programmes are appended herewith:

1. Proposed First Year Course structure for CIVIL ENGINEERING
2. Proposed First Year Course structure for ELECTRICAL AND ELECTRONICS ENGINEERING
3. Proposed First Year Course structure for MECHANICAL ENGINEERING
4. Proposed First Year Course structure for ELECTRONICS AND COMMUNICATION ENGINEERING
5. Proposed First Year Course structure for COMPUTER SCIENCE AND ENGINEERING
6. Proposed First Year Course structure for INFORMATON TECHNOLOGY

b) A copy of the proposed first year course structure of the following PG Programmes are appended herewith:

1. Proposed First Year Course structure for STRUCTURAL ENGINEERING
2. Proposed First Year Course structure for THERMAL ENGINEERING
3. Proposed First Year Course structure for POWER ELECTRONICS AND DRIVES
4. Proposed First Year Course structure for DIGITAL ELECTRONICS ANE COMMUNICATION SYSTEMS
5. Proposed First Year Course structure for COMPUTER SCIENCE AND ENGINEERING
6. Proposed First Year Course structure for MASTER OF COMPUTER APPLICATIONS

(Annexure II)

Resolution

Resolved to approved course structure for first and second semesters of B.Tech., MTech., an MCA Programmes proposed by Common Board of Studies. and also suggested to prepare th four year course structure skeleton by incorporating the newly proposed AICTE credits an Mandatory courses.

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Item 2.3.2: To Consider and approve the first year Syllabus of UG and PG programmes proposed by individual BOS.

As a part of implementation of autonomy at department level it is necessary to frame our syllabus for UG Programme.

The syllabus for the both first and second semesters of first year have been prepared, as per New Academic Regulations, by a committee appointed by the HOD consisting of faculty o specializations covering Programme. A series of meetings were held to meet necessary change draft was prepared and it has been discussed with other autonomous institutions for a making draft. The Syllabus have been discussed in the Individual BOS and suggested changes were mac propose to academic council.

The resolutions of various BOS are appended herewith:

1. Resolutions of Freshmen Engineering Department Board of studies
2. Resolutions of Civil Engineering Board of studies
3. Resolutions of Electrical and Electronics Engineering Board of studies
4. Resolutions of Mechanical Engineering Board of studies
5. Resolutions of Computer Science and Engineering Board of studies
6. Resolutions of Information Technology Board of studies
7. Resolutions of MCA Board of studies

(Annexure III)

Resolution

Resolved to approve the first and second semesters Syllabus of various B.Tech., M.T and MCA Programmes as proposed by the respective Boards of studies..

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2.4 EXAMINATION MATTERS

Item 2.4.1: To Consider and approve Question Paper Setting Process

As a part of implementation of autonomy it is necessary to frame our own procedure for conducting the examinations.

Keeping in view the guidelines given by UGC, An Autonomous Examination Section was established for conducting examinations to various UG and PG Programmes. A systematic procedure for Question paper setting process has been prepared by a committee appointed by the principal consisting of all the Heads of the departments. A series of meetings were held to meet necessary changes and for a making final draft. The Paper setting Process discussed in the Common BOS and suggested changes were made to propose to academic council.

The following is the Proposed procedure for the Question Paper Setting Process:

- The question paper shall consists of questions / problems / experiments etc. that are within the scope of the syllabus of concern course that has been prepared by the Board of Studies and approved by Academic council.
- A panel of 6 examiners per subject be suggested by the concerned BOS
- The Panel of Examiners shall be from different universities/reputed institutions based on their experience
- The model of question papers shall be approved by the concerned BOS
- The Principal, who is the Chairman of Academic Council shall pick one examiner for paper setting from the panel and shall be intimated to the concerned Additional Controller of Examinations and the process is strictly confidential.
- Appointed two paper setters will be requested to prepare two sets for each subject.
- The following material shall be supplied to the paper setter along with appointment order.
  - Copy of Syllabus of concerned course
  - Model Question papers
  - Blooms taxonomy chart
  - Guidelines for paper setting
  - Text Books Prescribed
  - Blank format of Question paper and scheme of valuation
  - 2 covers required for sending question papers and outer envelope duly written to address
  - Remuneration Bills
- Paper Setters shall be requested to adhere to follow blooms taxonomy
- All the Question papers should be collected from the paper setters at least 1 week before the commencement of exams.
- Question papers received from the paper setters shall be Considerd by a scrutinizing team one hour before the start of that subject examination in confidential manner in the room of the Controller of Examinations on the day of examination. The scrutinizing team can modify wording or structure of questions but can not replace a question if the same is with in the prescribed syllabus. However, following the Blooms Taxonomy the scrutinizing team can change the questions up to 20 per cent of the entire question paper if it contains questions outside the prescribed syllabus.

Resolution

Resolved to approve the Question papers setting Process proposed by Common Board of Studies.

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Item 2.4.2: To Consider and approve Spot Valuation Process

As a part of implementation of autonomy it is necessary to frame our own procedure for Answer scripts evaluation.

Keeping in view the guidelines given by UGC, An Autonomous Examination Section was established with officer for conducting spot valuation to various courses of UG and PG Programmes. A systematic procedure for spot valuation process has been prepared by a committee appointed by the principal consisting of all the Heads of the departments. A series of meetings were held to meet necessary changes and for a making final draft. The spot valuation Process discussed in the Common BOS and suggested changes were made to propose to academic council.

The following is the Proposed procedure for the spot valuation Process:

- All the answer scripts received by ACE are to be coded or pre-coded.
- Panel of examiners will be communicated for spot valuation
- List is to be prepared and examiners asked to attend
- Collection of detailed key (solutions cum scheme of valuation), which is prepared by course coordinator.
- Spot valuation normally conducted between 9.30 AM to 4.30 PM.
- Maximum scripts given for each examiner is limited to 50 (fifty only) per day in two sessions of 25(twenty five) and 25 (twenty five).
- One Chief Examiner randomly evaluates 5 answer scripts from a bunch of 25 scripts which are already evaluated by the external examiner.
- If the deviation in marks noticed is equal to or greater than 15 per cent in 80 per cent of the revalued scripts between two examiners, then entire bundle has to be revaluated and further the examiner shall be advised to strictly follow the scheme of evaluation.
- The valuated answer scripts along with marks sheets signed by the examiner should hand over to the Chief Valuation Officer.
- The Chief Valuation Officer gets all the valued scripts scrutinized by scrutinizers appointed for this purpose. In case of any discrepancy it will be brought to the notice of the Chief Examiner of that Board who will arrange for correction on the answer script as well as marks statement. Each correction made on the script and on the marks statement has to be attested by the Examiner by an initial. All Corrections made in the Marks Statement has to be attested by the Chief Examiner besides the Examiner's initial.
- Award lists arranged in order shall be sent to the ACE for processing of results.
- The Valued Answer Scripts shall be re-bundled into 100s each (4 x 25) and shall be handed over to the ACE by the Chief Valuation Officer for safe custody.

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Resolution

I. Resolved as follows for UG Courses:

1. **Each board of valuation shall have a Chief- Examiner who is the senior most among the examiners within the Institution.**
2. **Each board of valuation shall consist of 100 per cent of examiners from out side the institution.**
3. **In case of examiners within the institution, they shall be teachers who are competent to value a particular subject but did not give instruction for that particular regular batch of students whose papers are being valued.**
4. **Notwithstanding point (2) above, the Principal is authorized to appoint more number of teachers working within the institution and even those who had given instructions of a particular subject as examiners in case of emergency and shortage of examiners to complete the valuation within the prescribed time period.**

II. Resolved to have PG Courses with two examiners, one internal examiner within the Institution who has taught that subject acted as chief examiner and second examiner from outside the institution. In case the difference of marks of equal to or more than 15 per cent between the two examiners, such papers shall be sent to third valuation preferably to an examiner outside the institution. However, the Principal is authorized to get the third valuation done by an examiner within the institution but who has not given instruction and is competent to value the script(s).

Item 2.4.3: To Consider and approve the format of Question Paper for UG and PG Programmes

As a part of implementation of autonomy it is necessary to frame a Question paper pattern for paper setting.

Keeping in view the Academic Regulations, The format of Question Paper for UG and PG Programmes have been prepared and discussed with all the Heads of the departments for making the final format. The Question papers patterns have been discussed in the Common BOS and suggested changes were made to propose to academic council.

(Annexure IV)

Resolution

I. Resolved to revise the proposed pattern of Semester End Examination question paper with the following the AICTE norms

1. **There shall be two parts of question paper: Part A and Part B**
2. **Part A shall be for a maximum of 12 marks**
3. **Part B Shall be for a maximum of 48 marks.**
4. **There shall be six Questions in Part A and all are compulsory to answer carrying equal marks**
5. **Questions in Part B shall have internal choice (either or)**

This pattern shall be followed for both UG Programmes.

II. Resolve to approve the Semester End Examination question paper Format of PG programes

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Item 2.4.5: To Consider and approve format of grade certificate of semester end examinations

As a part of implementation of autonomy it is necessary to issue the Semester end Examination Grade certificate to the Students.

Keeping in view the Academic Regulations, The format of grade certificate related to semester end examinations to be issued to UG and PG students has been prepared and discussed with all the Heads of the departments for making the final format. The Grade certificate format has been discussed in the Common BOS and suggested changes were made to propose to academic council.

(Annexure V)

Resolution

Resolved to follow the JNTUK formats and security methods for the certificates issued to the candidates.

2.5 RECOMMENDATION MATTERS

Item 2.5.1: To propose recommendations to the Governing council

Keeping in view the development of the Institution, it is requested to suggest and recommend any matter related to academic affairs for the development of the Institution. These recommendations shall be placed before the next Governing Council of the Institution for their consideration.

Resolution:

Resolved to suggest the following for the development of the Institution.

1. **20% of the lab experiments shall be open ended problem solving experiments.**
2. **The number of experiments shall be two to three more than the AICTE / JNTUK prescribed number.**
3. **At least 20% of total syllabus shall be self learning periods and the video lecturers, given by eminent persons available in NPTL or else downloaded, of these topics shall be projected in the class room to students as a part of lecture/tutorial. The same may be given in soft copy form to the students or uploaded to the Institution website for students for their use.**
4. **Try to eliminate the chalk and talk method of teaching and should implement the modern methods of teaching by using the e- content.**

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