

मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर के विद्या परिषद की दिनांक 31 अगस्त, 2020 को पूर्वाह्न 11:00 बजे आनलाइन माध्यम (Google Meet) से सम्पन्न 2020/04 बैठक (संख्या 22वीं) का कार्यवृत्त:

मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर के विद्या परिषद की 2020/04 बैठक (संख्या 22वीं) दिनांक 31 अगस्त, 2020 को पूर्वाह्न 11:00 बजे आनलाइन माध्यम (Google Meet) से सम्पन्न हुई जिसमें निम्नलिखित माननीय सदस्य से उपस्थित रहे:-

क्रमांक	नाम	अध्यक्ष
1.	प्रो० जे० पी० पाण्डेय कुलपति, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर	सदस्य
2.	प्रो० एस० ए० रामाकृष्णा निदेशक, सी०एस०आइ०ओ०, चंडीगढ़	सदस्य
3.	प्रो० भीम सिंह प्रोफेसर, विद्युत अभियंत्रण विभाग, आई०आई०टी०, दिल्ली	सदस्य
4.	प्रो० बी० के० गांधी प्रोफेसर, यांत्रिक एवं औद्योगिकी अभियंत्रण विभाग, आई०आई०टी०, रुड़की	सदस्य
5.	प्रो० एस० सी० श्रीवास्तव, प्रोफेसर विद्युत अभि० विभाग, आई०आई०टी०, कानपुर	सदस्य
6.	प्रो० पंकज चांदना प्रोफेसर, यांत्रिक अभियंत्रण विभाग, एन०आई०टी०, कुरुक्षेत्र, हरियाणा	सदस्य
7.	श्री मनीकंदन इकम्बरम डायरेक्टर, ओरेकल यूनिवर्सिटी, ओरेकल इंडिया, बैंगलोर	सदस्य
8.	प्रो० के० जी० उपाध्याय अधिष्ठाता, एल्यूमनाई एवं वाहय मामले, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर	सदस्य
9.	प्रो० डी० के० द्विवेदी अधिष्ठाता, शैक्षणिक मामले, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर	सदस्य
10.	प्रो० राकेश कुमार अधिष्ठाता, छात्र मामले, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर	सदस्य
11.	प्रो० सुधीर कुमार श्रीवास्तव अधिष्ठाता, संकाय मामलों, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर	सदस्य
12.	प्रो० गोविन्द पाण्डेय अधिष्ठाता, अवस्थापना एवं नियोजन, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर	सदस्य
13.	प्रो० एस० के० सोनी अधिष्ठाता, शोध एवं परामर्श, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर	सदस्य
14.	प्रो० अमर नाथ तिवारी परीक्षा नियंत्रक, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर	सदस्य
15.	प्रो० डी० के० सिंह विभागाध्यक्ष, यांत्रिक अभियंत्रण विभाग, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर	सदस्य
16.	प्रो० पी० के० सिंह विभागाध्यक्ष, कम्प्यूटर साइंस एण्ड इंजी० विभाग, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर	सदस्य
17.	प्रो० आर० के० चौहान	सदस्य

18. विभागाध्यक्ष, विद्युतकण एवं संचार अभि० विभाग, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर  
प्रो० एस० पी० सिंह  
विभागाध्यक्ष, आई०टी० एण्ड सी०ए० विभाग, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर  
सदस्य
19. प्रो० ए० के० पाण्डेय  
विभागाध्यक्ष, विद्युत अभियंत्रण विभाग, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर  
सदस्य
20. प्रो० श्रीराम  
विभागाध्यक्ष, जनपदीय अभियंत्रण विभाग, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर  
सदस्य
21. प्रो० बी० के० पाण्डेय  
विभागाध्यक्ष, भौतिकी एवं पदार्थ विज्ञान विभाग, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर  
सदस्य
22. डा० विठ्ठल लक्ष्मण राव गोले  
विभागाध्यक्ष, रसायन अभियंत्रण विभाग, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर  
सदस्य
23. डा० राजेश कुमार यादव  
विभागाध्यक्ष, रसायन एवं पर्यावरण विज्ञान विभाग, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर  
सदस्य
24. डा० विनोद कुमार मिश्र  
विभागाध्यक्ष, गणित एवं वैज्ञानिक संगणन विभाग, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर  
सदस्य
25. डा० एस० एन० सिंह  
विभागाध्यक्ष, मानविकी एवं प्रबन्ध विज्ञान विभाग, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर  
सदस्य
26. प्रो० विनोद कुमार गिरि  
आचार्य, विद्युत अभि० विभाग, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर  
सदस्य
27. प्रो० उदय शंकर  
आचार्य, कम्प्यूटर साइंस एण्ड इंजी० विभाग, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर  
सदस्य
28. प्रो० सुनील कुमार श्रीवास्तव  
आचार्य, यांत्रिक अभि० विभाग, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर  
सदस्य
29. श्रीमती मीनू  
एसोसिएट प्रोफेसर, कम्प्यूटर साइंस एण्ड इंजी० विभाग, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर  
सदस्य
30. डा० रविशंकर  
असिस्टेंट प्रोफेसर, रासायन अभि० विभाग, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर  
सदस्य
31. प्रो० जीऊत सिंह  
कुलसचिव, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर  
सदस्य-सचिव



विद्या परिषद द्वारा सर्वसम्मति से निम्नलिखित निर्णय लिये गये:-

2020.4.01 अध्यक्ष, विद्या परिषद, मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर के प्रारम्भिक अभियुक्त को अंकित किया जाना।

माननीय कुलपति महोदय द्वारा विश्वविद्यालय के विद्या परिषद में नव नियुक्त सभी सदस्यों का स्वागत किया गया तथा पूर्व सदस्यों को उनके सहयोग के लिए धन्यवाद ज्ञापित किया गया तथा विश्वविद्यालय परिसर में सम्पन्न विभिन्न कार्यों की अद्यतन स्थिति के बारे में संक्षिप्त विचार रखा गया, जिसमें प्रमुख उपलब्धियों निम्नवत है:

1. विद्या परिषद की दिनांक 28 जुलाई, 2020 को सम्पन्न 21वीं बैठक में लिए गये निर्णय अनुसार विश्वविद्यालय के प्रथम, द्वितीय तथा तृतीय वर्ष के छात्रों का प्रमोशन किया गया तथा अंतिम वर्ष के छात्रों की परीक्षा आनलाइन माध्यम से सम्पन्न कराते हुए दिनांक 26.08.2020 को रिजल्ट घोषित किया गया।
2. अंतिम वर्ष के उत्तीर्ण छात्र/छात्राओं को उनकी PDC (Provisional Degree Certificate) ई-मेल के माध्यम से उपलब्ध कराया जाने की व्यवस्था सुनिश्चित की जा रही है।
3. विद्या परिषद की दिनांक 28 जुलाई, 2020 को सम्पन्न 21वीं बैठक में वैश्विक महामारी कोविड-19 के दृष्टिगत दीक्षान्त समारोह-2020 को आनलाइन माध्यम से पूर्ण कराये के प्रस्ताव की प्राप्त सैद्धान्तिक स्वीकृति के क्रम में आनलाइन माध्यम से सम्पन्न कराये जाने की संभावना एवं प्रक्रिया का निर्धारण प्रचलन में है।

2020.4.02 मदन मोहन मालवीय प्रौद्योगिकी विश्वविद्यालय, गोरखपुर की विद्या परिषद की 2020/03 (21वीं) बैठक के कार्यवृत्त का पुष्टिकरण।

विद्या परिषद द्वारा दिनांक 28 जुलाई, 2020 को सम्पन्न हुई विद्या परिषद की 2020/03 (21वीं) बैठक के कार्यवृत्त की पुष्टि की गयी।

2020.4.03 विद्या परिषद की दिनांक 28 जुलाई, 2020 को सम्पन्न 2020/03 (21वीं) बैठक में लिए गये निर्णयों को क्रियान्वित किये जाने का विवरण।

विद्या परिषद दिनांक 28 जुलाई, 2020 को सम्पन्न हुई विद्या परिषद की 2020/03 (21वीं) बैठक में लिए गये निर्णयों को क्रियान्वित किये जाने के विवरण से अवगत हुयी।

2020.4.04 सत्र 2020-21 के आड सेमेस्टर में आनलाइन माध्यम से दिनांक 1-4 सितम्बर, 2020 की तिथियों के मध्य सम्पन्न कराये जा रहे पंजीकरण की सूचना व वैश्विक महामारी कोविड-19 के दृष्टिगत विश्वविद्यालय के शैक्षणिक सत्र 2020-21 हेतु छात्र/छात्राओं से छात्रावास शुल्क छात्रावासों में आवासित होने की तिथि से तथा वार्षिक शुल्क एकमुश्त के स्थान पर आधा-आधा क्रमशः विषम एवं सम सेमेस्टर में पंजीकरण के समय लिए जाने के निर्णय का अवलोकन।

विद्या परिषद द्वारा सत्र 2020-21 के आड सेमेस्टर में आनलाइन माध्यम से दिनांक 1-4 सितम्बर, 2020 की तिथियों के मध्य सम्पन्न कराये जा रहे पंजीकरण की सूचना व वैश्विक महामारी कोविड-19 के दृष्टिगत विश्वविद्यालय के शैक्षणिक सत्र 2020-21 हेतु छात्र/छात्राओं से छात्रावास शुल्क छात्रावासों में आवासित होने की तिथि से तथा वार्षिक शुल्क एकमुश्त के स्थान पर आधा-आधा क्रमशः विषम एवं सम सेमेस्टर में पंजीकरण के समय लिए जाने के निर्णय का अवलोकन किया गया।



2020.4.05

वैश्विक महामारी कोविड-19 के दृष्टिगत विश्वविद्यालय के स्नातक अध्यादेश की धारा 6.1.9 (Academic Criteria for Continuation) की उपधारा 6.1.9.2 के बिन्दु (b) एवं (c) के प्रतिबन्धों में छात्रहित में किये जा रहे शिथिलकरण का अवलोकन एवं अनुमोदन।

विद्या परिषद द्वारा वैश्विक महामारी कोविड-19 के दृष्टिगत विश्वविद्यालय के बी0टेक0 अध्यादेश की धारा 6.1.9 (Academic Criteria for Continuation) की उपधारा 6.1.9.2 के बिन्दु (b) एवं (c) के प्रतिबन्धों में छात्रहित में किये जा रहे शिथिलकरण पर विचार किया गया तथा उक्त के साथ ही साथ बी0टेक0 अध्यादेश की धारा 6.1.9 (Academic Criteria for Continuation) की उपधारा 6.1.9.2 के बिन्दु (a) (संलग्नक-1) एवं एम0टेक0 अध्यादेश की धारा 6.2.10 (Academic Criteria for Continuation) की उपधारा 6.2.10.3 (संलग्नक-2), बी0बी0ए0 की धारा 6.7.8 (Academic Criteria for Continuation) की उपधारा 6.7.8.2 के बिन्दु (a) एवं (b) (संलग्नक-3), एम0बी0ए0 की धारा 6.3.8 (Academic Criteria for Continuation) की उपधारा 6.3.8.3 (संलग्नक-4), एम0एस0सी0 की धारा 6.6.10 (Academic Criteria for Continuation) की उपधारा 6.6.10.3 (संलग्नक-5) एवं एम0सी0ए0 की धारा 6.4.8 (Academic Criteria for Continuation) की उपधारा 6.4.8.2 के बिन्दु संख्या (a) एवं (b) (संलग्नक-6) के प्रतिबन्धों में भी छात्रहित में समस्त स्नातक/परास्नातक पाठ्यक्रमों हेतु अधिकतम 12 क्रेडिट का शिथिलकरण दिये जाने की स्वीकृति प्रदान की गयी। इस प्रकार शिथिल किये गये क्रेडिट की संख्या को छात्रों द्वारा आगामी सेमेस्टर्स में अनिवार्य रूप से पूरा किया जायेगा। भविष्य में इसको दृष्टांत नहीं समझा जाय।

2020.4.06

विद्युतकण एवं संचार अभियंत्रण विभाग के छात्र रोहित कुमार गिरि, रोल न0-2014041050 को बी0टेक0 कोर्स पूर्ण करने हेतु अध्यादेश में वर्णित अधिकतम समयावधि पूर्ण होने के दृष्टिगत छात्रहित में समर टर्म-2020 में 03 के स्थान पर 05 विषय पंजीकृत करते हुए कोर्स पूर्ण करने के प्रस्ताव का अवलोकन एवं अनुमोदन।

विद्या परिषद द्वारा मद संख्या 2020.4.6 तथा मद संख्या 2020.4.7 को साथ सम्मिलित करते हुए विद्युतकण एवं संचार अभियंत्रण विभाग के छात्र रोहित कुमार गिरि, रोल न0-2014041050 को बी0टेक0 कोर्स पूर्ण करने हेतु अध्यादेश में वर्णित अधिकतम समयावधि पूर्ण होने के दृष्टिगत छात्र के आवेदन पर सहानुभूतिपूर्वक विचार करते हुए समर टर्म-2020 में 03 के स्थान पर 05 विषय पंजीकृत करते हुए कोर्स पूर्ण करने की स्वीकृति प्रदान की गयी तथा विभिन्न पाठ्यक्रमों के ऐसे छात्रों के लिए जो अपने पाठ्यक्रमों हेतु निर्धारित न्यूनतम अवधि पूर्ण कर चुके हैं तथा अभी भी उनके 03 से ज्यादा विषयों में F ग्रेड है को 03 से अधिक विषयों में समर टर्म में पंजीकृत करके पूर्ण किये जाने के लिए आवश्यक अनुमोदन के लिए मा0 कुलपति महोदय को अधिकृत किया गया।

2020.4.07

विश्वविद्यालय के विभिन्न विभागों में अध्ययनरत बी0टेक0 चतुर्थ वर्ष के ऐसे छात्र/छात्रा जिनके अभी भी 4 अथवा 5 विषयों में F ग्रेड है और वे पाठ्यक्रम में पाचवें वर्ष में पहुच रहे हैं को समर टर्म-2020 में मात्र 03 विषय पंजीकृत करने तथा शेष विषयों को शैक्षणिक सत्र 2020-21 के आड/इवेन अथवा समर टर्म-2021 में पंजीकृत कर पूर्ण किये जाने के प्रस्ताव का अवलोकन एवं अनुमोदन।

विद्या परिषद की अनुमति से मद संख्या-2020.4.06 के साथ सम्मिलित।



2020.4.08 विश्वविद्यालय अनुदान आयोग, नई दिल्ली तथा अखिल भारतीय तकनीकी शिक्षा परिषद, नई दिल्ली के दिशा-निर्देशों के अनुरूप तथा विश्वविद्यालय के बी0टेक0 अध्यादेश में दिये गये प्रावधान के आलोक में बी0टेक0 अंतिम वर्ष के छात्रों को चतुर्थ वर्ष के प्रत्येक सेमेस्टर में न्यूनतम 1 तथा अधिकतम 2 Programme Elective (PE) कोर्स MOOCS (SWAYAM, NPTEL) के माध्यम से पंजीकृत कराके अनिवार्य रूप से पूर्ण किये जाने के प्रस्ताव का अवलोकन एवं अनुमोदन।

विश्वविद्यालय अनुदान आयोग, नई दिल्ली तथा अखिल भारतीय तकनीकी शिक्षा परिषद, नई दिल्ली के दिशा-निर्देशों के अनुरूप तथा विश्वविद्यालय के बी0टेक0 अध्यादेश में दिये गये प्रावधान के आलोक में बी0टेक0 अंतिम वर्ष के छात्रों को चतुर्थ वर्ष के प्रत्येक सेमेस्टर में न्यूनतम 1 तथा अधिकतम 2 Programme Elective (PE) कोर्स MOOCS (SWAYAM, NPTEL) के माध्यम से पंजीकृत कराके अनिवार्य रूप से पूर्ण किये जाने के प्रस्ताव का अनुमोदन प्रदान किया गया तथा MOOCS (SWAYAM, NPTEL) पर 3 क्रेडिट के पाठ्यक्रम उपलब्ध होने के दृष्टिगत SWAYAM, NPTEL के सन्दर्भ प्रपत्र में दिये गये व्यवस्थानुसार अतिरिक्त 1 क्रेडिट को पूर्ण करने के लिए छात्र को कोर्स हेतु सलिप्तता को अधिक बढ़ा कर Tutorials, assignments, quizzes इत्यादि के माध्यम से पूर्ण कराये जाने के प्रस्ताव की स्वीकृति प्रदान की गयी। (संलग्नक-7)

2020.4.09 विश्वविद्यालय के शैक्षणिक सत्र 2020-21 हेतु गैर प्रथम वर्ष के छात्रों के लिए तैयार किये गये एकैडमिक कैलेंडर का अवलोकन।

विद्या परिषद द्वारा विश्वविद्यालय के शैक्षणिक सत्र 2020-21 हेतु गैर प्रथम वर्ष के छात्रों के लिए तैयार किये गये एकैडमिक कैलेंडर का अवलोकन किया गया। (संलग्नक-8)

2020.4.10 सत्र 2019-20 के बी0टेक0 तथा एम0सी0ए0 अंतिम वर्ष के छात्रों हेतु आनलाइन माध्यम से संचालित किये जा रहे समर टर्म - 2020 के सम्बन्ध में विभिन्न सूचनाओं एवं समर टर्म-2020 के कैलेंडर का अवलोकन।

विद्या परिषद द्वारा सत्र 2019-20 के बी0टेक0 तथा एम0सी0ए0 अंतिम वर्ष के छात्रों हेतु आनलाइन माध्यम से संचालित किये जा रहे समर टर्म - 2020 के सम्बन्ध में विभिन्न सूचनाओं एवं समर टर्म-2020 के कैलेंडर का अवलोकन किया गया।

2020.4.11 विश्वविद्यालय के शैक्षणिक सत्र 2020-21 में UGC/JRF के माध्यम से Ph.D. में प्रवेशित शोध छात्रों के विवरण का अवलोकन।

विद्या परिषद द्वारा विश्वविद्यालय के शैक्षणिक सत्र 2020-21 में UGC/JRF के माध्यम से Ph.D. में प्रवेशित 04 शोध छात्रों के विवरण से अवलोकित हुई।

2020.4.12 विश्वविद्यालय द्वारा शैक्षणिक सत्र 2019-20 में दिनांक 19 जून, 2020 को सम्पन्न विद्या परिषद की 20वीं बैठक के उपरान्त अवार्ड किये गये अद्यतन पी0एच0डी0 डिग्री का अवलोकन एवं अनुमोदन।

विद्या परिषद द्वारा विश्वविद्यालय के शैक्षणिक सत्र 2019-20 में दिनांक 28 जुलाई, 2020 को सम्पन्न विद्या परिषद की 21वीं बैठक के उपरान्त निम्न शोधार्थियों को अवार्ड किये गये अद्यतन पी0एच0डी0 डिग्री का अनुमोदन प्रदान किया गया:

क्रमांक	शोधार्थी का नाम	विभाग
1.	श्री अजय कुमार गुप्ता	कम्प्यूटर साइंस एण्ड इंजीनियरिंग
2.	मोहम्मद जाहिद रियाज खान	यांत्रिक अभियंत्रण


2020.4.13 अध्यक्ष महोदय की अनुमति से अन्य मद।

2020.4.13/01 विद्या परिषद द्वारा विश्वविद्यालय में Industry Supported Course को आरम्भ किये जाने की सैद्धान्तिक सहमति प्रदान की गयी।

2020.4.13/02 विद्या परिषद द्वारा विश्वविद्यालय में AICTE द्वारा Thrust Area Course को चलाये जाने की सैद्धान्तिक सहमति प्रदान की गयी। उक्त से संबंधित विस्तृत

2020.4.13/02 विद्या परिषद द्वारा विश्वविद्यालय में AICTE द्वारा Thrust Area Course को चलाये जाने की सैद्धान्तिक सहमति प्रदान की गयी। उक्त से संबंधित विस्तृत प्रस्ताव तैयार कर विद्या परिषद की आगामी बैठक में प्रस्तुत करने का सुझाव दिया गया। विश्वविद्यालय के विभिन्न स्नातक/परास्नातक प्रोग्राम के सैलेबस को Revised किये जाने हेतु सहमति प्रदान की गयी।

बैठक अन्त में अध्यक्ष महोदय को धन्यवाद ज्ञापन सहित समाप्त हुई।

  
31/08/2020  
(प्रो० जीऊत सिंह)  
सचिव

कुलसचिव, मदन मोहन मालवीय प्रौद्योगिकी  
विश्वविद्यालय, गोरखपुर



(प्रो० जे० पी० पाण्डेय)  
अध्यक्ष

कुलपति, मदन मोहन मालवीय प्रौद्योगिकी  
विश्वविद्यालय, गोरखपुर



Summer Term-20XX

Course No.	Course Credits	Grade Awarded	Total Credits	Grade Point	Points Secured
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
XX153	4	B	4	7	28

The revised grade sheet of even semester will now be recomputed as

EVEN Semester

Course No.	Course Credits	Grade Awarded	Total Credits	Grade Point	Points Secured
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
XX151	5	B(+)	5	8	40
XX152	4	A	4	9	36
XX153*	4	F/B	4	7	28
XX154	2	B	2	7	14
XX155	4	C	4	6	24
XX156	4	A(+)	4	10	40
XX157	-	S	-	-	-
XX158 (AC)	3	AF	-	-	-
<b>Total</b>	<b>23</b>		<b>19</b>		<b>154</b>

Note: Subject XX153\* is cleared in Summer Term-20XX

Credits registered in the semester excluding audit courses (total of column 2) = 23  
 Total creditsearned in the semester excluding audit courses (total of column 4) = 23  
 Points secured in this semester (total of column 6 for all passed courses) = 182  
 Cumulative points in all passed courses = 135 (past semesters) + 182 (this sem.) = 317  
 Cumulative total credits registered = 19 (past semesters) + 23 (this sem.) = 42

SGPA =  $\frac{\text{Points secured in the semester in all passed courses (A(+) to D Grade)}}{\text{Total Credits registered in the semester excluding audit courses}} = \frac{182}{23} = 7.913$

CGPA =  $\frac{\text{Cumulative Points secured in all passed courses (A(+) to D Grade)}}{\text{Cumulative total credits excluding audit courses}} = \frac{135+182}{19+23} = 7.547$

Semester performance: SGPA = 7.913

Cumulative performance: CGPA = 7.547

6.1.9 ACADEMIC CRITERIA FOR CONTINUATION (B.Tech.)

6.1.9.1 For continuation of registration at any stage, student must satisfy criteria specified in the subsequent clause 6.1.9.2. In order to qualify for the award of the degree at the end of 8<sup>th</sup> semester, it is necessary to pass all the credits offered by the department and satisfy the criteria specified in clause 6.1.5.1.



**6.1.9.2** A student must register a minimum of 18 credits (excluding final year) in a semester which shall essentially include the pre-requisite subjects. It allows the students to progress at an optimum pace suited to individual ability and convenience, subject to fulfilling minimum requirement for continuation in stipulated duration.

**(a) For B.Tech. 1st Year Students**

They must earn minimum 18 Credits in an academic session including odd & even semester and Summer Term for promotion to 2<sup>nd</sup> Year in all branches failing which they will have to re-register in the next academic session to clear all the leftover credits of 1st Year. Student will be promoted to second year only when he/she clears a minimum of 18 credits of 1<sup>st</sup> year.

**(b) For B.Tech. 2nd Year Students**

They must earn minimum 36 Credits of 1st year courses and a minimum of 18 Credits of 2<sup>nd</sup> year courses (including odd and even semester courses of 2nd year) for promotion to 3rd year failing which they will have to re-register in the next academic session to clear all the leftover credits of 1st Year and 2<sup>nd</sup> year. Student will be promoted to third year only when he/she clears a minimum of 18 credits of 2<sup>nd</sup> year and 36 credits of 1<sup>st</sup> Year courses.

**(c) For B.Tech. 3rd Year Students**

They must earn minimum 36 Credits of 2<sup>nd</sup> year courses and a minimum of 18 Credits of 3<sup>rd</sup> year courses for promotion to 4th year, failing which they will have to re-register in the next academic session to clear all the leftover credits of 2<sup>nd</sup> Year and 3<sup>rd</sup> year. Student will be promoted to fourth year only when he/she clears a minimum of 18 credits of 3<sup>rd</sup> year and 36 credits of 2<sup>nd</sup> Year courses.

**6.1.9.3** A student is considered to pass in a particular subject if he/she secures A(+) to D grade in it. In case of the total marks of a subject is less than 40% in a semester then the student has to repeat the subject completely and continue as per Clause 6.1.9.2.

**6.1.9.4** A student can challenge evaluation of answer copies as per Clause 6.1.18.

**6.1.10 AWARD OF DIVISION, RANK AND MEDALS**

**6.1.10.1** A candidate who satisfies the course requirements for all semesters and who passes all the examinations prescribed for all the eight semesters (six semesters for lateral entry candidates) within a maximum period of six years (five years for lateral entry candidates) reckoned from the commencement of the first semester/third semester to which the candidate was admitted shall be declared to have qualified for the award of degree subject to the fulfillment of requirements of Clause 6.1.9.1. Award of the Division in the degree shall be governed by the provisions given below.

(a) A candidate who qualifies for the award of the degree securing D or above grades in all subjects pertaining to all semesters in his/her first attempt within eight consecutive semesters (four academic years)/six consecutive semesters (three





If the student (as mentioned in above example) registers the failed subject in the Summer Term-20XX and clears it with "B" grade, its grade sheet will be :Summer Term-20XX

### Summer Terms-20XX

Course No.	Course Credits	Grade Awarded	Total Credits	Grade Point	Points Secured
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
XX153	4	B	4	7	28

The revised grade sheet of even semester will now be recomputed as

### EVEN Semester

Course No.	Course Credits	Grade Awarded	Total Credits	Grade Point	Points Secured
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
XX151	5	B(+)	5	8	40
XX152	4	A	4	9	36
XX153*	4	F/B	4	7	28
XX154	3	B	3	7	21
XX158 (AC)	3	AF	-	-	-
<b>Total</b>	<b>16</b>		<b>12</b>		<b>97</b>

Note: Subject XX153\* is cleared in Summer Term-20XX

Credits registered in the semester excluding audit courses (total of column 2)	=	16
Total credits earned in the semester excluding audit courses (total of column 4)	=	12
Points secured in this semester (total of column 6 for all passed courses)	=	125
Cumulative points in all passed courses = 99 (past semesters) + 125 (this sem.)	=	224
Cumulative total credits registered = 16 (past semesters) + 12 (this sem.)	=	28

$$SGPA = \frac{\text{Points secured in the semester in all passed courses (A(+) to D Grade)}}{\text{Total Credits registered in the semester excluding audit courses}} = \frac{125}{16} = 7.812$$

$$CGPA = \frac{\text{Cumulative Points secured in all passed courses (A(+) to D Grade)}}{\text{Cumulative total credits excluding audit courses}} = \frac{99+125}{16+12} = 7.000$$

Semester performance: SGPA = 7.812

Cumulative performance: CGPA = 7.000

### 6.2.10 ACADEMIC CRITERIA FOR CONTINUATION (M.Tech.)

6.2.10.1 A minimum 5.0 CGPA is required in order to qualify for continuation of registration at any stage and award of the degree at the end of 4<sup>th</sup> semester.

6.2.10.2 A student must register a minimum of 12 credits in a semester which shall essentially include the prerequisite subject(s). It allows the students to progress at an optimum pace

suitable to individual ability and convenience, subject to fulfilling minimum requirement for continuation in stipulated duration.

**6.2.10.3** M.Tech 1st Year Students must earn minimum 18 Credits in an academic session in odd and even semester of an academic session for promotion to 2nd Year failing which they have to re-register & repeat complete 1st Year.

**6.2.10.4** A student is considered to pass in a particular subject if he/she secures A(+) to D grade in it. In case of the total marks of a subject is less than 40% in a semester then the student has to repeat the subject completely and continue as per Clause 6.2.10.2. and 6.2.10.3.

**6.2.10.5** A student can challenge evaluation of answer copies as per Clause 6.2.18.

## **6.2.11 AWARD OF DIVISION, RANK AND MEDALS**

**6.2.11.1** A student who satisfies the course requirements for all semesters and who passes all the examinations prescribed for all the four semesters within a maximum period of two years reckoned from the commencement of the first semester to which the student was admitted shall be declared to have qualified for the award of degree subject to the fulfillment of requirements of Clause 6.2.10.1. Award of the Division in the degree shall be governed by the provisions given below.

(a) (a) A student who qualifies for the award of the degree securing D or above grades in all subjects pertaining to all semesters in his/her first attempt within four consecutive semesters (two academic years) and in addition secures a CGPA of 7.5 and above for the semesters I to IV shall be declared to have passed the examination in **FIRST DIVISION WITH HONOURS**.

(b) A student who qualifies for the award of the degree by securing D or above grades in all subjects of all the semesters within a maximum period of four semesters, after his/her commencement of study in the 1<sup>st</sup> semester and in addition secures CGPA not less than 6.5 shall be declared to have passed the examination in **FIRST DIVISION**.

(c) All other students who qualify for the award of degree by securing D or above grades in all subjects of all semesters within a maximum period of four semesters after his/her commencement of study in the 1<sup>st</sup> semester shall be declared to have passed the examination in **SECOND DIVISION**.

**6.2.11.2** For the award of Ranks for each specialization of study, the CGPA secured in all semesters shall be considered and it is mandatory that such candidates should have passed all the subjects by securing D or above grades in all the semesters in the first attempt in two year duration of programme as applicable. Rank certificates in the form of "Certificate of Merit" would be issued to top three students as 1<sup>st</sup>, 2<sup>nd</sup> & 3<sup>rd</sup> rank in each specialization of study on the basis of CGPA in particular academic session.

**6.2.11.3** Vice-Chancellor Gold Medal will be awarded to the passing out students from each specialization of study identified as prescribed in Clause 6.2.11.2, who secures the highest



Course No.	Course Credits	Grade Awarded	Total Credits	Grade Point	Points Secured
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
XX151	5	B(+)	5	8	40
XX152	4	A	4	9	36
XX153*	4	F/B	4	7	28
XX154	2	B	2	7	14
XX155	4	C	4	6	24
XX156	4	A(+)	4	10	40
XX157	-	S	-	-	-
XX158 (AC)	3	AF	-	-	-
<b>Total</b>	<b>23</b>		<b>19</b>		<b>154</b>

Note: Subject XX153\* is cleared in Summer Term-20XX/Even/Odd Semester 20XX-XX

Credits registered in the semester excluding audit courses (total of column 2) = 23

Total credits earned in the semester excluding audit courses (total of column 4) = 23

Points secured in this semester (total of column 6 for all passed courses) = 182

Cumulative points in all passed courses = 135 (past semesters) + 182 (this sem.) = 317

Cumulative total credits registered = 19 (past semesters) + 23 (this sem.) = 42

$$SGPA = \frac{\text{Points secured in the semester in all passed courses (A(+) to D Grade)}}{\text{Total Credits registered in the semester excluding audit courses}} = \frac{182}{23} = 7.913$$

$$CGPA = \frac{\text{Cumulative Points secured in all passed courses (A(+) to D Grade)}}{\text{Cumulative total credits excluding audit courses}} = \frac{135+182}{19+23} = 7.547$$

Semester performance: SGPA = 7.913

Cumulative performance: CGPA = 7.547

### 6.7.8 ACADEMIC CRITERIA FOR CONTINUATION (B.B.A)

**6.7.8.1** For continuation of registration at any stage, student must satisfy criteria specified in the subsequent clause 6.7.8.2. In order to qualify for the award of the degree at the end of 6<sup>th</sup> semester, it is necessary to pass all the credits offered by the department and satisfy the criteria specified in clause 6.7.4.

**6.7.8.2** A student must register a minimum of 18 credits (excluding final year) in a semester which shall essentially include the pre-requisite subjects. It allows the students to progress at an optimum pace suited to individual ability and convenience, subject to fulfilling minimum requirement for continuation in stipulated duration.

(a) **For B.B.A. 1<sup>st</sup> Year Students**

They must earn minimum 18 Credits in an academic session including odd & even semester and Summer term for promotion to 2<sup>nd</sup> Year, failing which they will have to re-register in the next academic session to clear all the leftover credits of 1st Year. Student will be promoted to second year only when he/she clears a minimum of 18 credits of 1<sup>st</sup> year.

(b) **For B.B.A. 2<sup>nd</sup> Year Students**

They must earn minimum 36 Credits of 1st year courses and a minimum of 18 Credits of 2<sup>nd</sup> year courses (including odd and even semester courses of 2nd year) for promotion to 3rd year failing which they will have to re-register in the next academic session to clear all the leftover credits of 1st Year and 2<sup>nd</sup> year. Student will be promoted to third year only when he/she clears a minimum of 36 credits of 1<sup>st</sup> year and 18 credits of 2<sup>nd</sup> Year courses.

6.7.8.3 A student is considered to pass in a particular subject if he/she secures A(+) to D grade in it. In case of the total marks of a subject is less than 40% in a semester then the student has to repeat the subject completely and continue as per Clause 6.7.8.2.

6.7.8.4 A student can challenge evaluation of answer copies as per Clause 6.7.17.

6.7.9 **AWARD OF DIVISION, RANK AND MEDALS**

6.7.9.1 A student who satisfies the course requirements for all semesters and who passes all the examinations prescribed for all the six semesters within a maximum period of five years reckoned from the commencement of the first semester to which the student was admitted shall be declared to have qualified for the award of degree subject to the fulfillment of requirements of Clause 6.7.4 & 6.7.8. Award of the Division in the degree shall be governed by the provisions given below.

(a) A student who qualifies for the award of the degree securing D or above grades in all subjects pertaining to all semesters in his/her first attempt within six consecutive semesters (three academic years), and in addition secures a CGPA of 7.5 and above for the semesters I to VI shall be declared to have passed the examination in **FIRST DIVISION WITH HONOURS**.

(b) A student who qualifies for the award of the degree by securing D or above grades in all subjects of all the semesters after his/her commencement of study in the 1<sup>st</sup> semester and in addition secures CGPA not less than 6.5 shall be declared to have passed the examination in **FIRST DIVISION**.

(c) All other students (not covered in (a) and (b)) who qualify for the award of degree by securing D or above grades in all subjects of all semesters after his/her commencement of study in the 1<sup>st</sup> semester shall be declared



$$SGPA = \frac{\text{Points secured in the semester in all passed courses (A(+) to D Grade)}}{\text{Total Credits registered in the semester excluding audit courses}} = \frac{226}{30} = 7.533$$

$$CGPA = \frac{\text{Cumulative Points secured in all passed courses (A(+) to D Grade)}}{\text{Cumulative total credits excluding audit courses}} = \frac{179+226}{28+30} = 6.982$$

Semester performance: SGPA = 7.533

Cumulative performance: CGPA = 6.982

**6.3.8 ACADEMIC CRITERIA FOR CONTINUATION (MBA)**

6.3.8.1 A minimum 5.0 CGPA is required in order to qualify for continuation of registration at any stage and award of the degree at the end of 4<sup>th</sup> semester.

6.3.8.2 A student must register a minimum of 20 credits in a semester which shall essentially include the prerequisite subject(s). It allows the students to progress at an optimum pace suited to individual ability and convenience, subject to fulfilling minimum requirement for continuation in stipulated duration.

6.3.8.3 MBA 1<sup>st</sup> Year Students must earn minimum 30 credits in an academic session in odd and even semester of an academic session for promotion to 2<sup>nd</sup> Year failing which they have to re-register & repeat complete 1<sup>st</sup> Year.

6.3.8.4 A student is considered to pass in a particular subject if he/she secures A(+) to D grade in it. In case of the total marks of a subject is less than 40% in a semester then the student has to repeat the subject completely and continue as per Clause 6.3.8.2. and 6.3.8.3.

6.3.8.5 A student can challenge evaluation of answer copies as per Clause 6.3.16.

**6.3.9 AWARD OF DIVISION, RANK AND MEDALS**

6.3.9.1 A student who satisfies the course requirements for all semesters and who passes all the examinations prescribed for all the four semesters within a maximum period of two years reckoned from the commencement of the first semester to which the student was admitted shall be declared to have qualified for the award of degree subject to the fulfillment of requirements of Clause 6.3.8.1. Award of the Division in the degree shall be governed by the provisions given below.

(a) A student who qualifies for the award of the degree securing D or above grades in all subjects pertaining to all semesters in his/her first attempt within four consecutive semesters (two academic years) and in addition secures a CGPA of 7.5 and above for the semesters I to IV shall be declared to have passed the examination in **FIRST DIVISION WITH HONOURS.**

(b) A student who qualifies for the award of the degree by securing D or above grades in all subjects of all the semesters within a maximum period of

Q

$$SGPA = \frac{\text{Points secured in the semester in all passed courses (A(+) to D Grade)}}{\text{Total Credits registered in the semester excluding audit courses}} = \frac{97}{11} = 8.818$$

$$CGPA = \frac{\text{Cumulative Points secured in all passed courses (A(+) to D Grade)}}{\text{Cumulative total credits excluding audit courses}} = \frac{99+97}{13+11} = 8.166$$

Semester performance: Total credits (E.C.) = 13 SGPA = 8.818

Cumulative performance: Total credits (E.C.) = 24 CGPA = 8.166

**6.6.10 ACADEMIC CRITERIA FOR CONTINUATION (M.Sc)**

6.6.10.1 A minimum 5.0 CGPA is required in order to qualify for continuation of registration at any stage and award of the degree at the end of 4<sup>th</sup> semester.

6.6.10.2 A student must register a minimum of 12 credits in a semester. It allows the students to progress at an optimum pace suited to individual ability and convenience, subject to fulfilling minimum requirement for continuation in stipulated duration.

6.6.10.3 M.Sc. 1<sup>st</sup> Year Students must earn 75% of total Credits (i.e. min 18 credits) in odd and even semester of an academic session for promotion to 2<sup>nd</sup> Year failing which they have to re-register & repeat complete 1<sup>st</sup> Year.

6.6.10.4 A student is considered to pass in a particular subject if he/she secures A(+) to D grade in it. In case of the total marks of a subject is less than 40% in a semester then the student has to repeat the subject completely and continue as per Clause 6.6.10.2. and 6.6.10.3.

6.6.10.5 A student can challenge evaluation of answer copies as per Clause 6.6.18.

**6.6.11 AWARD OF DIVISION, RANK AND MEDALS**

6.6.11.1 A student who satisfies the course requirements for all semesters and who passes all the examinations prescribed for all the four semesters within a maximum period of two years reckoned from the commencement of the first semester to which the student was admitted shall be declared to have qualified for the award of degree subject to the fulfillment of requirements of Clause 6.6.10.1. Award of the Division in the degree shall be governed by the provisions given below.

(a) A student who qualifies for the award of the degree securing D or above grades in all subjects pertaining to all semesters in his/her first attempt within four consecutive semesters (two academic years) and in addition secures a CGPA of 7.5 and above for the semesters I to IV shall be declared to have passed the examination in **FIRST DIVISION WITH HONOURS.**

(b) A student who qualifies for the award of the degree by securing D or above grades in all subjects of all the semesters within a maximum period of



and recorded to take this change of grade into account.

If the student (as mentioned in above example) registers the failed subject in the Summer Term-20XX and clears it with "B" grade, its grade sheet will be :

Summer Term-20XX

Course No.	Course Credits	Grade Awarded	Total Credits	Grade Point	Points Secured
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
XX153	4	B	4	7	28

The revised grade sheet of even semester will now be recomputed as

EVEN Semester

Course No.	Course Credits	Grade Awarded	Total Credits	Grade Point	Points Secured
Column 1	Column 2	Column 3	Column 4	Column 5	Column 6
XX151	5	B(+)	5	8	40
XX152	4	A	4	9	36
XX153*	4	F/B	4	7	28
XX154	2	B	2	7	14
XX155	4	C	4	6	24
XX156	4	A(+)	4	10	40
XX157	-	S	-	-	-
XX158 (AC)	3	AF	-	-	-
<b>Total</b>	<b>23</b>		<b>19</b>		<b>154</b>

Credits registered in the semester excluding audit courses (total of column 2) = 23

Total credits earned in the semester excluding audit courses (total of column 4) = 23

Points secured in this semester (total of column 6 for all passed courses) = 182

Cumulative Total points in all passed courses = 135 (past semesters)+154 (this sem.) = 317

Cumulative Total credits registered = 19 (past semesters) + 23 (this sem.) = 42

$$SGPA = \frac{\text{Points secured in the semester in all passed courses (A(+) to D Grade)}}{\text{Total Credits registered in the semester excluding audit courses}} = \frac{182}{23} = 7.913$$

$$CGPA = \frac{\text{Cumulative Points secured in all passed courses (A(+) to D Grade)}}{\text{Cumulative total credits excluding audit courses}} = \frac{135+182}{19+23} = 7.547$$

Semester performance: SGPA = 7.913

Cumulative performance: CGPA = 7.547

**6.4.3 ACADEMIC CRITERIA FOR CONTINUATION (MCA)**

6.4.3.1 A minimum 5.0 CGPA is required in order to qualify for continuation of

registration at any stage and award of the degree at the end of 6<sup>th</sup> semester.

6.4.8.2 A student must register a minimum of 18 credits in a semester which shall essentially include the pre-requisite subjects. It allows the students to progress at an optimum pace suited to individual ability and convenience, subject to fulfilling minimum requirement for continuation in stipulated duration.

(a) **For MCA 1<sup>st</sup> Year Students**

They must earn minimum 18 credits in an academic session in odd and even semester of an academic session for promotion to 2nd year failing which they have to re-register & repeat complete 1st Year.

(b) **For MCA 2<sup>nd</sup> Year Students**

They must earn minimum 36 credits in the 1st year and minimum 18 credits in an academic session including odd and even semester of 2nd year for promotion to 3rd year failing which they have to re-register & repeat complete 2nd year.

6.4.8.3 A student is considered pass in a particular subject if he/she secures A(+) to D grade in it. In case of the total marks of a subject is less than 40% in a semester then the student has to repeat the subject completely and continue as per Clause 6.4.8.2.

6.4.8.4 A student can challenge evaluation of answer copies as per Clause 6.4.17.

6.4.9 **AWARD OF DIVISION, RANK AND MEDALS**

6.4.9.1 A student who satisfies the course requirements for all semesters and who passes all the examinations prescribed for all the six semesters within a maximum period of five years reckoned from the commencement of the first semester to which the student was admitted shall be declared to have qualified for the award of degree subject to the fulfillment of requirements of Clause 6.4.8.1. Award of the Division in the degree shall be governed by the provisions given below.

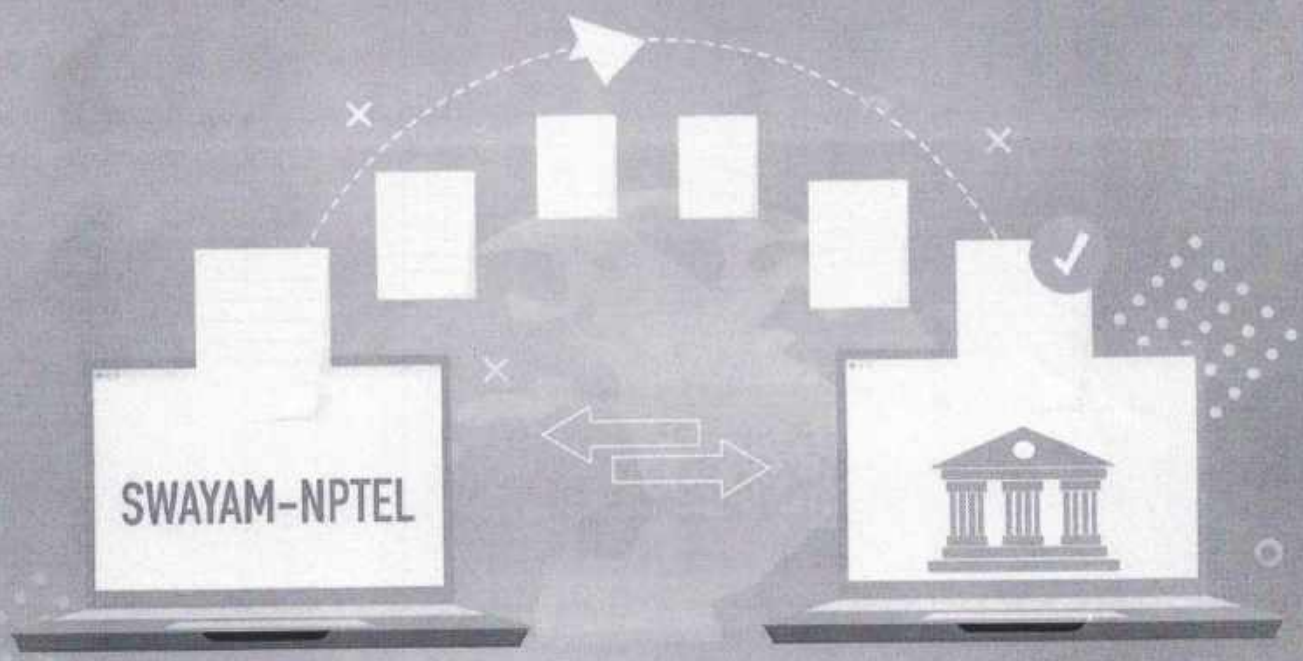
- (a) A student who qualifies for the award of the degree securing D or above grades in all subjects pertaining to all semesters in his/her first attempt within six consecutive semesters (three academic years) as applicable, and in addition secures a CGPA of 7.5 and above for the semesters I to VI shall be declared to have passed the examination in **FIRST DIVISION WITH HONOURS**.
- (b) A student who qualifies for the award of the degree by securing D or above grades in all subjects of all the semesters within a maximum period of six semesters, after his/her commencement of study in the 1<sup>st</sup> semester and in addition secures CGPA not less than 6.5 shall be declared to have passed the examination in **FIRST DIVISION**.
- (c) All other students who qualify for the award of degree by securing D or



# CREDIT TRANSFER

FROM

# SWAYAM-NPTEL



RECOMMENDATIONS FOR  
UNIVERSITIES TO IMPLEMENT CREDIT TRANSFER  
FROM SWAYAM NPTEL MOOCS



Credit transfer from SWAYAM-NPTEL - This is a Reference document. These are suggestions put forth by NPTEL. It is up to the College/University to implement these in their curriculum in ways they deem fit.

---

Version Details: Version 1.1  
Date of Creation: 10-July-2019

## Table of Contents

CALCULATING LEARNER EFFORT IN NPTEL-SWAYAM MOOCS.....	2
STEPS INVOLVED IN TAKING UP AN NPTEL ONLINE CERTIFICATION COURSE.....	4
PASS CRITERIA.....	5
HOW TO CHOOSE COURSES FOR CREDIT TRANSFER?.....	5
RECOMMENDATIONS TO ACADEMIC COUNCILS WHILE APPROVING COURSES.....	6
Option 1:.....	6
Option 2:.....	6
Option 3:.....	6
Option 4:.....	7
HOW TO APPROVE COURSES IN ACADEMIC COUNCIL FOR BETTER IMPLEMENTATION.....	8
To be avoided - Our suggestions.....	9
INCORPORATING NPTEL COURSE MARKS INTO THE UNIVERSITY GRADING SYSTEM.....	9
PROVIDING ALLOWANCE FOR NPTEL EXAM FEES WITHIN EXISTING PAYMENT STRUCTURE.....	10
USE OF NPTEL COURSES FOR FACULTY MEMBERS:.....	10
LOCAL CHAPTERS.....	11



## Credit transfer from SWAYAM- NPTEL courses

NPTEL is a project of 7 older IITs and IISc. Today, NPTEL is a National Coordinator for Engineering courses (UG and PG) under SWAYAM, the National MOOCs portal. The USP of NPTEL courses is that they are offered by the best faculty in the IITs/IISc/IISERs/IITs in each subject. The content is very current as the faculty also carry out research in these areas.

NPTEL also offers courses in Humanities and Management subjects as the NPTEL partner institutes also have these departments.

NPTEL courses are for a duration of 4/8/12 weeks and each week has the following components:

- Video content of about 2.5 to 3.5 hrs per week
- Additional reading material - text transcripts, reference documents, journal papers
- An assignment that tests the learning of the student on the weekly content
- Discussion forum for the users to ask questions and clarify doubts that may arise - the communication channel between the Course instructor and the learners
- A live interaction session between the Instructor and the learners

The courses we offer are of UG/PG/PhD level and the guidelines given here are applicable to students of any degree programme.

## Calculating Learner Effort in SWAYAM-NPTEL MOOCs

Learner engagement per week is estimated as follows:

### Minimum effort required:

Table 1: Calculation for minimum effort from an online course

Watching videos	3 hrs for one time viewing	For better grasp and making notes, which the learner would normally do, maybe taken as 4-5 hours also.
Assignment solving time	1 hrs	If the assignment involves problems to be solved or coding work, the time taken may be 2.5 hours
<b>Minimum Total effort per week</b>	<b>4 hrs</b>	<b>Counting only the video content and assignment time.</b>

One credit is normally defined as the learning unit awarded for 15 hours of learning. Based on the above, the **minimum credits recommended is calculated as:**

Table 2: Recommendation of minimum credits for NPTEL Online Courses

	4 weeks course (hrs)	4 weeks course (credit)	8 weeks course (hrs)	8 weeks course (credit)	12 weeks course (hrs)	12 weeks course (credit)
Minimum credits recommended	16	1	32	2	48	3

**Possible additional effort involved:**

Table 3: Calculation of possible additional effort from the learners in an online course

Assignments	Additional 1 hr	When assignments are more complex and require more time for solving or are subjective assignments
Going through the text documents and additional reading material	1-2 hrs	Text transcripts are normally given along with other reference material.
Participation in discussion forum	1-2 hrs	Any course has normally anywhere between 5-10 posts everyday. Learners are encouraged to try and answer the queries raised by others if they know the answer and actively
<b>Total additional engagement possible</b>	<b>1 - 5 hrs per week</b>	<b>Counting other components of the MOOC course such as reading material and forum including additional time for assignment</b>

In view of the above table, an additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.

Hence the University taking the courses for credit transfer can decide on how they calculate learner engagement and appropriately take the courses for minimum credits recommended or minimum credits+1 as suggested.



## Steps involved in taking up an NPTEL online certification course

### 1. Awareness of timelines related to SWAYAM-NPTEL Courses

- a. NPTEL offers courses in two timelines - January to May and July to November every year
- b. Course list is announced 6 months ahead of course start date (in the website nptel.ac.in) and enrollments are opened on the MOOCs portal swayam.gov.in
- c. Enrollment is normally opened 2 months ahead of course start date and closes on the start date of course.

### 2. Requirements to enroll to SWAYAM- NPTEL courses

- a. Mandatory requirements are an email id and a phone number for the learner. (This email id is unique to a learner and cannot be shared by multiple learners. It is the primary identifier to map assignment and exam scores of the learner).
- b. For some courses, the instructor would have given pre-requisites (especially if it is a higher semester course). The students have to ensure that they have the necessary prerequisites to understand the content and learn from the course, though it is not a mandatory requirement for enrollment.

### 3. Activities to be done by students once course starts

- a. After the start date of course, every week, videos and assignments are released on Monday morning.
- b. Learner should watch the videos, go through the reading material and complete the assignment.
- c. Each assignment will have 7-10 days of submission time. For most assignments, submission can be done any number of times till the due date. The final submission is considered for evaluation and the final score is taken as the marks for the assignment.
- d. Learners should pose their queries (both related to content and process) in the discussion forum to get clarification from each other and from the course team.

### 4. Financials related to SWAYAM- NPTEL courses

- a. Enrollment to a course and learning from it is free, as this is a project supported by MHRD, Govt.
- b. To get a certificate from SWAYAM-NPTEL, the learner has to separately register and appear in person for a proctored exam.

### 5. Logistics related to certification examination

- a. The exam registration forms are opened almost a month before the start of the course and open till 3 weeks into the course.
- b. This exam is organized and conducted by NPTEL across 150+ cities in the country through an exam vendor.
- c. The exam dates (may be 2 or 3 days with option of multiple sessions) are given 6 months ahead along with the list of courses and corresponding exam date/session mapping information.



- d. The exam carries a fee of Rs 1000/- to cover the expenses incurred in organizing this exam.
- e. A representative from NPTEL will be present at each of the exam centres to monitor the smooth and impartial conduct of the exam.

#### 6. About the SWAYAM-NPTEL Certificate

- a. If the learner matches the pass criteria (see the next section), he/she is eligible for the e-copy of the course certificate which displays the name, roll number, photo, assignment marks, exam marks and total marks of the candidate.
- b. The e-certificate will have the signatures of the NPTEL coordinator, the Head of the Centre for Education in the corresponding institute to which the Course instructor belongs along with the logo of the institute.
- c. The e-certificate also carries the QR code, on scanning which, the original certificate hosted on NPTEL server will be accessible. This way any one presented with the e-copy can verify against the original.
- d. Hard copies of the certificates can be printed by the learner on downloading the e-copy of the certificate.

### Pass criteria

The weekly assignments are all graded out of 100 marks.

For the 4/8/12 week courses, normally best 3/6/8 assignments are considered for calculating the Average assignment score (out of 100).

Final score = 25% of Average assignment score (out of 100) + 75% of proctored certification exam score (out of 100)

Learner is said to be certified in the course and he/she will be eligible for the e-certificate **IF**

Average assignment score  $\geq 40/100$

**AND**

Proctored certification exam score  $\geq 40/100$

For a few courses (particularly programming courses), this pattern of grading may be slightly different, though the broad guideline and split will be the same as above. These will be announced during the course run and when final scores are published.

### How to choose courses for credit transfer?

NPTEL offers a variety of courses which include core, elective and multidisciplinary courses at UG and PG level every semester. The tentative list of courses for a semester is announced 6 months ahead, along with the timelines such as start dates, end dates, exam dates and enrollment dates. Goal of NPTEL is to offer all the core and elective courses in every Engineering discipline at least once a year. Courses that may be in demand might be offered twice a year, either by the same Course instructor or by different Instructor(s).



## Recommendations to Academic councils while approving courses

As per the AICTE/UGC guidelines, every semester, the learner can credit courses from SWAYAM MOOCs upto 20%, which usually translates to 1 course per semester.

### Option 1:

NPTEL is defining domain certifications within each discipline where a certain number of allied courses are grouped together to form a domain or area of specialization. Each domain comprises 3-4 core courses that are compulsory and 2-3 elective courses to be taken from the options given. The students need to complete these domain courses within 3 years from their first exam registration to complete a domain certification. The set of 5-7 courses taken will give the student a strong foundation and understanding of the area and might make students more job ready or better prepared to pursue higher education and research.

These domains (set of courses) can be recommended and approved by the Academic council so that students can start taking these courses from the first/second year and comfortably complete it by the time they graduate.

The domain may be entered into the college transcript as such and given additional credits. It is suggested that this not be made mandatory for all students but for only those who want specializations (like a Minor) along with their regular degree.

### Option 2:

Universities such as AKTU and MAKAUT have suggested that students who accrue 20 credits from NPTEL in addition to their regular coursework will be awarded BTech with Honors degree. Students have to take the courses and write the NPTEL exams and show the certificates obtained.

Advantages are that the regular course offered can be taken from the college during the normal schedule and the 20 credits can be pursued by the more dedicated group of students in each programme. And the suggestion for the 20 credits can be completing one of the domains or defining a set of courses, which would really help the student.

### Option 3:

All students should be mandated to take at least 1 or 2 courses online with NPTEL every year to be better prepared for the future so that they can cultivate the habit of self-study online. But this should be under the general/open elective category so that it does not hamper their graduation in case they do not do well in the course.

While the enrollment and learning can be with NPTEL, the final exam can be

- from NPTEL (which is again recommended so that students get a taste of the final evaluation and also get a certificate from IITs/IISc)



- or the college or university themselves can conduct the final exam and award the credits (In this case, NPTEL will not give the e-certificate and question papers will have to be handled by the University themselves based on the content and assignments which will be accessible to them).

It is again recommended that the courses taken by the students be a discipline elective not offered by the college - so that they can leverage the online course initiative completely - which is to facilitate opportunities in areas of learning for which faculty are not locally available.

#### Option 4:

Students can enroll in courses aligned with a course offered in-campus, and do the NPTEL assignments/exams which can count towards the internal marks for the in-campus course rather than for full credits from the NPTEL course alone. This will enable SWAYAM-NPTEL MOOCs to count towards partial credits for the course.

### How SWAYAM- NPTEL MOOCs differ from other e-learning portals such as edX and Coursera

1. **Courses** offered by NPTEL are largely based on AICTE curriculum and bring together the best content for the topics mentioned. Courses under NPTEL are offered by faculty, from top ranked institutions such as the IITs/IISc/IIT/HSER/CMI etc., who are researching in topics taught and also teach it regularly within their institutes.
2. **Instructors** being from India know the background of the students and the Indian schooling system and hence the content is taught keeping this in mind. They also teach with examples that are taken from the Indian context.
3. **Final in-person proctored exam:** None of the other MOOC portals conduct a proctored examination where the student credentials are verified and the exam has to be attended in person, not online or from anywhere. This is the biggest USP we see of NPTEL courses vs other providers. Many give out certificates just for a price, sometimes without even a final exam.
4. **Assignments:** Courses in many MOOC portals carry the same assignments for long periods of time, even a year, and many of these can be easily manipulated to get the right answers and full marks. In NPTEL, every time the course is offered, new assignments and final question papers are prepared by the instructors with minimal repetition.
5. **Verification of e-certificate:** The e-certificate has a QR code that can be scanned and verified from the NPTEL servers.
6. **Local Chapter:** NPTEL works closely with colleges and Universities in India through its Local Chapter programme. There is an NPTEL coordinator in every local chapter college and this person has access to all information such as course wise participant enrollment, exam registration details, hall tickets, final exam marks and e-certificates - of learners who have declared as belonging to that college. These coordinators have direct access to support teams at NPTEL to get any issues resolved with respect to courses/exams. NPTEL works



with the colleges closely getting feedback and makes changes to the learning process to make the MOOCs adoption more effective, ensuring maximum benefit for the learners.

## How to approve courses in Academic Council for better implementation

The following are the recommendations by NPTEL when approving courses for credit transfer:

1. The statistics of all the courses offered so far (1300 till June 2019) is available on [nptel.ac.in/noc](http://nptel.ac.in/noc) and the content (videos+assignments) is available on [nptel.ac.in](http://nptel.ac.in). It is suggested that before the Academic council identifies the courses, a few faculty members in every discipline go through this data and shortlist those which would be most suited for their students and also benefit them as per the local needs.
2. Preferable to approve generic bouquet of course titles, not mentioning the instructor and institute, which will allow for flexibility to take similar courses from any institute. This can be done at the program level such as for BE(CS), BE(EEE), etc.
  - a. For instance, the recommendation "Students have to take 3 courses offered under the Electrical Engineering Discipline by NPTEL having 60% or more overlap with curriculum provided by University for the courses: DC - Electrical Machines, AC- Electrical Machines and Power Electronics" is a better one compared to "Students have to select the course 'Electrical Machines-I', 'Electrical Machines-II', and 'Power Electronic Devices' from NPTEL".
  - b. It would be good to recommend discipline-based courses in this bouquet so that students are encouraged to study technical content from NPTEL.
  - c. The course titles recommended may not match verbatim with the title given by the NPTEL course and the college should have some flexibility in deciding the appropriate course and mapping it to a curriculum requirement.
3. If more specifics are required, for every year of the degree programme, again a set of courses may be approved to be taken or can be more generic as any 8/12-week courses in a certain discipline. This provides the needed flexibility as NPTEL re-offers courses based on Instructor consent and how well the course did in the last offering.
  - a. For instance, a recommendation by academic council/board of studies like "Students will have to take an 8-week/12-week course from Electrical Engineering discipline" is a more focused recommendation compared to "Students will have to select any 8/12-week course from NPTEL"
  - b. We recommend that colleges be allowed to decide the specifics of the courses to be taken in a specific semester and intimate the same to the University.
4. Certain courses such as programming using Python/C/C++ and Data Analytics can be recommended to all engineering disciplines as these are technical skills that cut across engineering disciplines.
5. It is suggested that courses for credit transfer can be approved under all buckets - core courses, discipline elective, general elective and open elective.
6. Recommended semesters for taking NPTEL courses - first to pre-final semester.

The CBCS system is designed to give flexibility to students to learn based on their interest and to be able to take courses cutting across disciplines. Our recommendation would be to permit this cross-department course study as part of MOOCs adoption.

### To be avoided - Our suggestions

1. Recommending NPTEL courses in the final semester of the Degree programme as mandatory upon which the graduation depends
  - a. Preferable to not do this as NPTEL results may not come in the timeframe the University requires results to be approved for graduation.
  - b. Also, if the student does not pass the course, NPTEL does not conduct supplementary exams for the courses and unless the University has a mechanism in place to handle this, it is suggested to not do so.
2. Recommending NPTEL Courses for first semester
  - a. Many learners might not be familiar with the NPTEL Course schedules and the SWAYAM platform and will take some more time to get used to it.
  - b. The learners also need to be familiar with University processes for Credit Transfer and the first semester requires them to go through a steep learning curve already with the regular teaching-learning load.
3. Naming specific courses with instructor and institute name for students of a semester and approving for a period of 3 years
  - a. NPTEL may not be re-offering the course in upcoming semesters whereby if made mandatory, this requirement cannot be fulfilled by the student.
  - b. There may not be an alternative course to this from another institute as the timelines may not match for the new instructor.
4. Ambiguous and broad recommendations
  - a. For instance, the recommendation "Students can take 20% of credit every semester from NPTEL courses"
5. Not providing alternative mechanisms to complete the credit in case of non-registration or unsuccessful attempt by the student.
  - a. For instance, a recommendation like "The credit will come only if a student passes the NPTEL exam in the same semester" should be avoided.

### Incorporating NPTEL course marks into the University grading system

NPTEL will share

- the actual marks scored by each student in every assignment submitted,
- the marks scored in the final certification exam,
- the final consolidated score as per NPTEL calculation,
- and the e-certificate if the learner has passed (which will also have the total number of learners who have qualified in the exam).



The university/college can use this information and convert it into their system of grades as per their requirement:

1. Some colleges use the NPTEL scores as is, and the same marks are indicated on the transcripts directly.
2. Some colleges do a relative grading of their student marks with respect to the highest marks in the course and scale up correspondingly the marks of their students and this scaled up marks is what is finally entered into the degree transcript.
3. The marks given can be translated into letter grades also according to their mapping system or after scaling it up.
4. The cutoff for pass/fails in a course can be decided by the university/college if required, though the actual marks as given by NPTEL is what will always be stored and saved in the NPTEL server.

The results of NPTEL exams are typically released within one month of completion of exams, i.e. by May end for the Jan-May offering and November end for the Jul-Nov offering. However, this time may get delayed by couple of weeks for exams that have subjective evaluations specified by the instructor. The University should provide sufficient time window for its students to submit the NPTEL e-certificates for Credit Transfer (typically 2-3 months after NPTEL releases its result).

### **Providing allowance for NPTEL Exam fees within existing payment structure**

- While the course is free to enroll, the fees for the final certification exam is Rs 1000/- per course to cover the costs of conducting the exam across India in more than 150 cities in a uniform and dependable manner with appropriate exam facilities, and invigilation.
- A common issue that arises is that students have already paid the fees for the courses of each semester to the institution.
- A suggestion is for the institute to pay for the exam completely or at least half the fee, the other half being borne by the student.

### **Use of SWAYAM-NPTEL courses for faculty members:**

NPTEL has an MOU with AICTE to have specific courses approved as FDP and contribute towards career progression points for the faculty. The modality is for faculty to enroll to these courses, write the exams and pass and then apply for the AICTE-NPTEL FDP certificate.

We have seen a large number of faculty enroll and learn from the courses on their own and also institutes encouraging them to do so. We recommend that institutes ask faculty members to complete at least one NPTEL course every semester, within their discipline or any other discipline. This will ensure continuous learning and updating of technical concepts, get an insight into the pedagogy of teaching the course, ideas on different types of assessment of the student, etc.



NPTEL also has courses on technology in education, teaching using learner-centric methods, on IP, Patent laws, Education system, etc. These can be recommended for new faculty recruits so that they understand the system.

## Local Chapters

NPTEL is partnering with more than 2700 colleges across the country today, which include engineering, arts/science, polytechnic, management, pharmacy colleges and working with them in an organized manner to take the online courses to the learners there. There are no financials involved, with the only requirement being that a person be identified, who can serve as an interface between the college and NPTEL, and who is designated as the Single Point of Contact (SPOC).

The SPOC gets direct access to

- Enrollment information course wise
- Exam registration details
- Hall tickets of learners from their college
- Assignment and exam marks of candidates from their college
- E-certificates

The above information is directly shared from NPTEL with the SPOC through their login and can be used towards crediting the courses as per the decided norms.

In addition, the SPOC can nominate a mentor faculty from the college to help students in better understanding the content. For this, both the mentor and mentee student need to be enrolled in the course and the students have to select the mentor from the online course portal. The mentor will be able to see the progress of the student real time and can blend face-to-face instruction to supplement the online learning. The SPOC and Mentors for specific courses can also facilitate the learning by arranging for computer time, internet facility and help in understanding the content better.

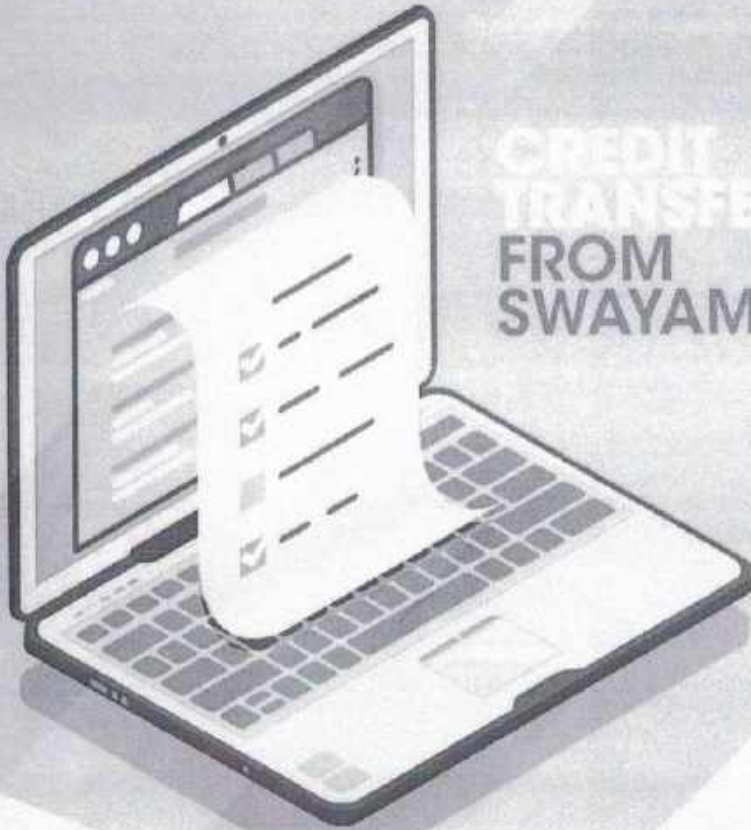
For better and effective implementation of credit transfer, it is advised that universities encourage affiliated colleges to become Local Chapters with NPTEL.

For queries, please write to:

[bharathi@nptel.iitm.ac.in](mailto:bharathi@nptel.iitm.ac.in)

[kamala@nptel.iitm.ac.in](mailto:kamala@nptel.iitm.ac.in)





**CREDIT  
TRANSFER  
FROM  
SWAYAM-NPTEL**

**NPTEL**, 3RD FLOOR, IC&SR BUILDING,  
IIT MADRAS, CHENNAI 600 036



**PH : (044) 2257 5905/08**



**swayam.gov.in/NPTEL**



**support@nptel.iitm.ac.in**



(10/15-8)

ACADEMIC SECTION

M. M. M. UNIVERSITY OF TECHNOLOGY, GORAKHPUR (UP)

Academic Calendar (Session 2020-21)

Date	Days	Activities
August 31, 2020	Mon	Commencement of Classes of ODD Semester for Existing Students (II Year onwards)
September 1-4, 2020	Tue-Fri	Online Registration/Fee Deposit by Students (DD-Deposit for Education Loan) (All existing students of B. Tech/ M. Tech/ M.B.A./B.B.A./M.C.A/M.Sc/ Ph.D. Except first Year)
September 11, 2020	Fri	Registration with Late Fee (for existing students)
September 21, 2020	Mon	Last Date for Quiz 1: After completion of Unit I (10 Marks)
October 12, 2020	Mon	Last Date for Quiz 2: After completion of unit II (20 Marks comprising of both Unit I & Unit II)
Oct 14-16, 2020	Wed-Fri	Mid Semester Presentation of B. Tech Project/ M. Tech/ M.Sc. Dissertation;
Oct 15, 2020	Thu	Last date of drop of subjects for B. Tech Final Year students
03 November, 2020	Tue	Last Date for Quiz 3: After completion of Unit III (10 Marks)
23 November, 2020	Mon	Last Date for Quiz 4: After completion of Unit IV (10 Marks)
24 November, 2020	Tue	Students online feedback: After completion of Unit IV
Nov 25-26, 2020	Wed-Thu	End semester presentation of B. Tech Project/ M.Tech/ M.Sc Dissertation
Nov 28, 2020	Sat.	Last date of odd Semester classes (except first year)
Nov 30, 2020	Mon.	Arrival of II/III/IV-year students except B.Tech. First Yr
Dec 1, 2020	Tue	University Foundation Day Celebration
Dec 1-10, 2020	Tue-Thu	Practical classes for all students (except First Yr)
Dec 14-16, 2020	Mon-Wed	DRC of Ph.D students
Dec 17-24, 2020	Thu-Thu	Winter Vacation for faculty and preparatory leave for students
Dec 25-26, 2020	Fri-Sat	Mahatma Jayanti/Alumni Meet
Dec 28-30, 2020	Mon-Wed	End Semester Practical Exam
Jan 1-15, 2021	Fri-Fri	Major Theory Examination/End Semester Examination
Jan 16-18, 2021	Sat-Mon	Registration for Even Semester 2020-21
Jan 19, 2021	Tue	Commencement of Classes for Even Semester
Jan 27, 2021	Wed	Registration with late fee.
27 February 2021	Sat	Last date for Quiz-1 Viva Exam of all Practical Classes and Mid Semester Presentation of B.Tech Project/M.Tech/M.Sc Dissertation
March 1-8, 2021	Mon-Mon	Minor Test/Mid Term Exam
March 15, 2021	Mon	Last date of drop of subjects(only for final year B.Tech students)
March 25 - 31, 2021	Thu-Wed	Mid Semester Break for students
April 23, 2021	Fri	<ul style="list-style-type: none"> <li>Last date for pre-submission of M.Tech/M.Sc Dissertation.</li> <li>Last date for Quiz-2</li> <li>Last date for Students Online feedback</li> </ul>
April 24, 2021	Sat	Last day for end semester classes
April 26-29, 2021	Mon-Thu	End Semester Practical Examination/Submission of M.Tech/ M.Sc dissertation
May 1 -15 May, 2021	Sat-Sat	Major Theory Examination/End Semester Examination
May 17-22, 2021	Mon-Sat	DRC of Ph.D students/ M.Tech/M.Sc dissertation viva
May 24 to July 15, 2021	Mon-Thu	<ul style="list-style-type: none"> <li>Summer Term-2021</li> <li>Summer Vacation for faculty</li> </ul>

Notes (i) Unless otherwise prescribed, the classes will start from the next day of registration of respective Programmes  
(ii) One extra period is assigned from 8.30-9.20 am for the compensatory/extra classes and teacher shall keep the records of the same.  
(iii) Academic Calendar for the newly admitted students will be notified separately.

Answard.

APBant