विद्यारत्नम् महद्धनम्

राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY

वार्षिक प्रतिवेदन

ANNUAL REPORT

2016-17

आरजीआईपीटी आकांक्षा .....

विश्व स्तरीय ऐसे मानव पूँजी के निर्माण में,
एक शीर्षस्थ संगठन के रूप में कार्य करना,
जिसमें प्रौद्योगिकी एवं नवोन्मेशी पहल को
देश-विदेश में नेतृत्व करने की क्षमता हो

विषय सूची

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निदेशक का संदेश

मुझे अकादमिक सत्र 2016–17 का वार्षिक-प्रतिवेदन प्रस्तुत करने का जो गौरव प्राप्त हुआ है उससे प्रसन्न हूँ। हमलोगों ने वर्षों से अपने लक्ष्यों पर ध्यान केन्द्रित कर कुछ महत्वपूर्ण चुनौतियों पर विजय प्राप्त किया है। जिस तरीके से संस्थान के प्राध्यापकों ने सालभर महत्वपूर्ण अध्ययन किया उससे आरजीआईपीटी, अपने शोध केन्द्रित संस्थान होने के दावे पर खड़ा उतरा है। आरजीआईपीटी, शिक्षण, प्रशिक्षण एवं शोध के क्षेत्र में विश्वस्तरीय संस्थान होने के अपने दावे पर खड़ा उतरा है ताकि पेट्रोलियम व ऊर्जा क्षेत्रों की जरूरतों को पूरा करने के लिए कुशल मानव संसाधन तैयार किया जा सके। इसके अलावे, संस्थान के प्राध्यापकों के कार्य इन वर्षों में शोध पर केन्द्रित रहा है जो अंतरराष्ट्रीय स्तर के जर्नलों में प्रकाशित उनके शोध पत्रों से परिलक्षित होता है। संस्थान पिछले वर्ष अक्तूबर 2016 में जायस, जिला अमेठी स्थित अपने स्थायी कैम्पस से अकादमिक कार्य शुरू करने में सफल रहा। नये कैम्पस का लोकार्पण संयुक्त रूप से केन्द्रीय मानव संसाधन विकास मंत्री श्री प्रकाश जावड़ेकर, केन्द्रीय वस्त्र मंत्री श्रीमती स्मृति जुबिन ईरानी एवं केन्द्रीय पेट्रोलियम व प्राकृतिक गैस मंत्री श्री धर्मेन्द्र प्रधान द्वारा 22 अक्तूबर 2016 को किया गया। हमें यह सूचित करने में प्रसन्नता हो रही है कि संस्थान के विकास व प्रगति के लिए कई सकारात्मक कदम उठाये गये हैं।

इस वर्ष पेट्रोलियम इंजीनियरिंग विभाग ने प्रथम अंतरराष्ट्रीय सम्मेलन (संयोजक- डॉ. तुषार शर्मा व डॉ. शिवांजलि शर्मा) का आयोजन किया। संस्थान के छात्रों ने भी आगे बढ़कर कई उपलब्धियाँ अपने नाम किये। उन्होंने राष्ट्रीय व अंतरराष्ट्रीय प्रतियोगिताओ में कई पुरस्कार जीते हैं। सतीश कुमार अवस्थी (शोध छात्र) ने 8वें विश्व अक्षय ऊर्जा प्रौद्योगिकी सम्मेलन-2017 में सर्वश्रेष्ठ पेपर पुरस्कार जीते, करुणेश कांत (शोध छात्र) को प्रतिष्ठित भाष्कर उन्नत सौर ऊर्जा फेलोशिप के लिए चुना गया एवं शुभम गुप्ता, यश सचान व संजय तिवारी के शोध पत्र, प्रथम दक्षिण एशियाई जीओसाइंस छात्र सम्मेलन में जीओस्ट्रेटा पत्रिका में प्रकाशित हुआ और उन्होंने प्रथम पुरस्कार प्राप्त किया। इसके अलावे, एम.टेक. एवं पीएच.डी. के छात्रों ने संयुक्त रूप से शोध अध्येता दिवस का आयोजन जनवरी-2017 में किया।

संस्थान के छात्रों ने सफलतापूर्वक टेकफेस्ट ऊर्जोत्सव, सांस्कृतिक कार्यक्रम कलतरंग एवं खेल कार्यक्रम एनर्जिया जैसे समारोहों का इस वर्ष उत्साहपूर्वक आयोजन किया। इन कार्यक्रमों में काफी संख्या में आसपास के संस्थानों के छात्र-छात्राओं ने भाग लिया। छात्रों के प्लेसमेंट दर में भी सार्वजनिक क्षेत्र की तेल व गैस कंपनियों व निजी कंपनियों द्वारा नियुक्ति प्रक्रिया में भाग लेने से काफी सुधार आये हैं।

संस्थान ने 2008 में पेट्रोलियम व केमिकल इंजीनियरिंग में बी. टेक., पेट्रोलियम इंजीनियरिंग में एम. टेक. एवं पेट्रोलियम व एनर्जी मैनेजमेंट में एमबीए कार्यक्रम के साथ एक छोटी शुरुआत की थी, जिन्हें इन वर्षों के दौरान और सुदृढ़ कर संस्थान ने अपने आपको क्षेत्र विशिष्ट शैक्षिक व क्षमता निर्माण केन्द्र के रूप में विकसित किया है और अब इंजीनियरिंग, विज्ञान व प्रबंधन अध्ययन में पी.एचडी कार्यक्रम भी शुरू किया है।

हम पेट्रोलियम व प्राकृतिक गैस मंत्रालय, सामान्य परिषद्, संचालक मंडल, वित्तीय समिति, अकादमिक सीनेट, अपने संरक्षकों, तेल व गैस क्षेत्र की अन्य कंपनियों का आभार व्यक्त करते हैं जिन्होंने न सिर्फ सहयोग दिया, बल्कि अकादमिक व प्रशासन में भाग लेकर हमें सशक्त बनाया है।

P.K. Bhattacharya

प्रो० पी० के० भट्टाचार्या

मार्च 31, 2017

संगठनात्मक संरचना

महापरिषद्

अध्यक्ष

सचिव
पेट्रोलियम एवं प्राकृतिक गैस मंत्रालय,
भारत सरकार

अन्य सदस्य

अध्यक्ष एवं प्रबन्ध निदेशक
ओएनजीसी लिमिटेड

अध्यक्ष
इण्डियन ऑयल कॉर्पोरेशन लिमिटेड

अध्यक्ष एवं प्रबन्ध निदेशक
भारत पेट्रोलियम कॉर्पोरेशन लिमिटेड

अध्यक्ष एवं प्रबन्ध निदेशक
हिन्दुस्तान पेट्रोलियम कॉर्पोरेशन लिमिटेड

अध्यक्ष एवं प्रबन्ध निदेशक
गेल (इण्डिया) लिमिटेड

अध्यक्ष एवं प्रबन्ध निदेशक
ऑयल इण्डिया लिमिटेड

अध्यक्ष एवं प्रबन्ध निदेशक
रिलायन्स इण्डस्ट्रीज लिमिटेड

अध्यक्ष एवं प्रबन्ध निदेशक
कैर्न एनर्जी इण्डिया लिमिटेड

अध्यक्ष एवं प्रबन्ध निदेशक
शेल इण्डिया लिमिटेड

अध्यक्ष एवं प्रबन्ध निदेशक
एस्सार ग्रुप

महानिदेशक
डायरेक्ट्रेट जनरल ऑफ हाइड्रोकार्बन्स

प्रधान सलाहकार (ऊर्जा)
नीति आयोग

प्रबंध निदेशक
ऑयल इण्डस्ट्रीज सेफ्टी डायरेक्ट्रेट

सचिव
ऑयल इण्डस्ट्रीज डेवलपमेन्ट बोर्ड

निदेशक
भारतीय प्रौद्योगिकी संस्थान कानपुर

कुलपति
रसायन प्रौद्योगिकी संस्थान, मुम्बई

सभापति
आरजीआईपीटी संचालक मंडल

निदेशक
राजीव गांधी पेट्रोलियम प्रौद्योगिकी संस्थान

संचालक मण्डल

सभापति

प्रो० के० बी० अखिलेश
प्रोफेसर, आई आई एस सी, बेंगलुरू

सदस्य

प्रो० पी० के० भट्टाचार्या
निदेशक, आरजीआईपीटी

श्री एम० बी० लाल
पूर्व मुख्य प्रबंध निदेशक, एचपीसीएल

प्रो० पी० के० भारद्वाज
प्रोफेसर- रसायन विभाग, आईआईटी कानपुर

श्री डी० डी० मिश्रा
निदेशक (एचआर), ओ०एन०जी०सी० लिमिटेड

श्री एस० पी० गट्टू
निदेशक (मानव संसाधन) बीपीसीएल

प्रो० प्रीतम सिंह
पूर्व निदेशक- आईआईएम लखनऊ व एमडीआई

श्री प्रभात सिंह
अध्यक्ष एवं प्रबन्ध निदेशक, पेट्रोनेट एलएनजी

डॉ० प्रदीप कुमार सिंह
निदेशक- सीएसआईआर

डॉ० डी० रामाकृष्णन
प्रोफेसर- भूविज्ञान, आईआईटी बम्बई

अकादमिक सीनेट

अध्यक्ष

प्रो० पी० के० भट्टाचार्या
निदेशक, आरजीआईपीटी

सदस्य

प्रो० वी० शंकर
प्रोफेसर- केमिकल इंजीनियरिंग, आईआईटी कानपुर

प्रो० वी० पी० शर्मा
प्रोफेसर - पेट्रोलियम इंजीनियरिंग,
आईआईटी (आईएसएम) धनबाद

प्रो० बी० वी० फणि
प्रोफेसर - इंडस्ट्रियल व मैनेजमेंट इंजीनियरिंग,
आईआईटी कानपुर

प्रो० चिरंजीव भट्टाचार्जी
प्रोफेसर - केमिकल इंजीनियरिंग,
जादवपुर विश्वविद्यालय

वित्तीय समिति

सभापति

प्रो० के० बी० अखिलेश
प्रोफेसर, आई आई एस सी, बेंगलुरू

सदस्य

प्रो० पी० के० भट्टाचार्या
निदेशक, आरजीआईपीटी

श्री एम० बी० लाल
पूर्व मुख्य प्रबंध निदेशक,
एचपीसीएल

श्रीमती पेरिन देवी
निदेशक- वित्त,
पे.प्रा.गै.मंत्रालय

श्री एस.एस. यादव
प्रोफेसर- प्रबंधन,
आईआईटी दिल्ली

टाइम् लाइन

आरजीआईपीटी के स्थायी कैम्पस का लोकार्पण

22 अक्तूबर 2016

केन्द्रीय मानव संसाधन मंत्री श्री प्रकाश जावड़ेकर, केन्द्रीय वस्त्र मंत्री श्रीमती स्मृति जुबिन ईरानी एवं केन्द्रीय पेट्रोलियम व प्राकृतिक गैस मंत्री श्री धर्मेन्द्र प्रधान द्वारा आरजीआईपीटी के स्थायी कैम्पस का लोकार्पण 22 अक्तूबर 2016 को किया गया।

प्रथम शोध अध्येता दिवस परिष्टि–2017

04 जनवरी 2017

संस्थान के शोध छात्रों ने प्रथम शोध अध्येता दिवस परिष्टि का आयोजन 4 जनवरी 2017 को किया।

प्रथम अंतरराष्ट्रीय सम्मेलन

24–25 मार्च 2017

पेट्रोलियम इंजीनियरिंग विभाग द्वारा एडवांसेज इन पेट्रोलियम, केमिकल व एनर्जी चैलेंजेज विषय पर प्रथम अंतरराष्ट्रीय सम्मेलन का आयोजन 24–25 मार्च 2017 को किया गया।

अध्याय 01

आरजीआईपीटी के बारे में

राजीव गांधी पेट्रोलियम प्रौद्योगिकी संस्थान की स्थापना भारत सरकार के पेट्रोलियम एवं प्राकृतिक गैस मंत्रालय द्वारा जायस, जिला- अमेठी, उत्तर प्रदेश में संसदीय अधिनियम (राजीव गांधी इन्स्टीट्यूट ऑफ पेट्रोलियम टेक्नोलॉजी अधिनियम 2007) के द्वारा की गयी थी। आर०जी०आई०पी०टी०, भारतीय प्रौद्योगिकी संस्थान (आई०आई०टी०) के समकक्ष 'राष्ट्रीय महत्व के संस्थानों के रूप में प्रतिष्ठित संस्थान है। संस्थान को स्वयं डिग्री प्रदान करने का अधिकार प्राप्त है। आर०जी०आई०पी०टी० सार्वजनिक क्षेत्र की छः महत्वपूर्ण ऊर्जा कम्पनियों (ओ०एन०जी०सी०, आई०ओ०सी०एल०, ओ०आई०एल०, गेल, बी०पी०सी०एल० एवं एच०पी०सी०एल०) एवं ऑयल इण्डस्ट्रिज विकास बोर्ड के परस्पर सहयोग से, विशेषतया ऊर्जा क्षेत्र के संस्थान के रूप में स्थापित किया गया है। संस्थान ऊर्जा तकनीक क्षेत्र के प्रसिद्ध अन्तरराष्ट्रीय विश्वविद्यालयों व संस्थानों के साथ संबंध स्थापित कर रहा है।

संस्थान का सबसे महत्वपूर्ण उद्देश्य- विश्वस्तरीय शिक्षा, प्रशिक्षण एवं शोध द्वारा पेट्रोलियम एवं ऊर्जा क्षेत्र की बढ़ती हुयी मांग को पूरा करने के लिए योग्य मानव संसाधन का निर्माण करना है। संस्थान की महत्वाकांक्षा भारत को पेट्रोलियम एवं ऊर्जा क्षेत्र में मानवशक्ति सृजन का वैश्विक धुरि बनाना है।

आर०जी०आई०पी०टी० की महत्वाकांक्षी योजना, पूर्वस्नातक, परास्नातक, पोस्ट ग्रेजुएट डिप्लोमा एवं डॉक्टरेट कार्यक्रमों, पेट्रोलियम तकनीकी एवं प्रबन्धन की उपाधियां विभिन्न स्तरों पर प्रदान करना है। संस्थान ने सत्र 2008 से 2 स्नातक स्तरीय एवं 2 परास्नातक स्तरीय कार्यक्रमों से शैक्षणिक क्रियाकलाप प्रारम्भ किया था, जिसमें अन्य पाठ्यक्रम लगातार जुड़ते जा रहे हैं।

आर०जी०आई०पी०टी० अधिनियम द्वारा संस्थान के निर्धारित किये गये प्रमुख उद्देश्य हैं-

- शिक्षा एवं शोध की गुणवत्ता एवं उत्कृष्टता का संवर्द्धन एवं प्रसार करना
- इंजीनियरिंग व प्रौद्योगिकी प्रबन्धन, विज्ञान एवं मानविकी क्षेत्र में स्नातक, परास्नातक, डॉक्टरेट स्तरीय शैक्षणिक एवं शोध कार्यक्रम प्रदान करना।
- डिग्री, डिप्लोमा, सर्टिफिकेट, शैक्षणिक विद्या सम्बन्धी उपाधियों या पदवी, मानद उपाधियों, अध्येतावृत्तियों, छात्रवृत्ति, पुरस्कार प्रदान करना
- तेल, गैस एवं पेट्रोकेमिकल उद्योगों के हितों के लिए शोध एवं विकास को प्रोत्साहित करना
- तेल, गैस एवं पेट्रोकेमिकल क्षेत्र के राष्ट्रीय, क्षेत्रीय एवं अन्तरराष्ट्रीय खिलाड़ियों के साथ नेटवर्किंग द्वारा परस्पर सहयोग से शैक्षणिक एवं शोध कार्य को बढ़ावा देना
- राष्ट्रीय एवं अन्तर्राष्ट्रीय विचार गोष्ठी, संगोष्ठी एवं सम्मेलन आयोजित करना
- आर०जी०आई०पी०टी० अधिनियम, के अनुसार भारत के राष्ट्रपति संस्थान के आगंतुक होंगे और संस्थान की शक्तियाँ निम्न प्राधिकरणों में निहित होंगी-
- साधारण सभा-अध्यक्ष, सचिव, पेट्रोलियम एवं प्राकृतिक गैस मत्रांलय
- संचालक मण्डल
- वित्तीय समिति
- सीनेट एवं ऐसे अधिकृत संगठन जिन्हें संस्थान के व्यवस्थापन अथवा कानून द्वारा घोषित किया गया हों।

संस्थान के उद्देश्य एवं लक्ष्य

- तेल एवं गैस क्षेत्र की ओर देश के युवाओं में अध्ययन की महत्वाकांक्षा विकसित करना
- विश्व स्तरीय ऐसे मानव पूँजी के निर्माण में, एक शीर्षस्थ संगठन के रूप में कार्य करना, जिसमें प्रौद्योगिकी एवं नवोन्मेषी पहल को देश-विदेश में नेतृत्व करने की क्षमता हो
- समस्त हाइड्रोकार्बन मूल्य श्रृंखला के लिए शिक्षा, शोध एवं परामर्श सेवाएँ प्रदान करना

अध्याय 02

शैक्षणिक पाठ्यक्रम

आरजीआईपीटी वर्ष 2008 से अपने जायस, जिला अमेठी कैम्पस से स्नातक, स्नातकोत्तर एवं पीएच.डी. स्तरीय शैक्षणिक पाठ्यक्रम चला रहा है। इन सभी शैक्षणिक पाठ्यक्रमों में, संस्थान सामाजिक रूप से पिछड़े व गरीब वर्गों अर्थात् अनुसूचित जाति, अनुसूचित जनजाति, अन्य पिछड़े वर्ग व दिव्यांगों को भारत सरकार के नियमानुसार नामांकन में आरक्षण की सुविधा प्रदान करता है। इन सभी पाठ्यक्रमों के लिए निर्धारित सीटों की संख्या का विवरण नीचे दिया गया है-

क्रम संख्या	पाठ्यक्रम	सीटों की कुल संख्या
1	बी.टेक. इन पेट्रोलियम इंजीनियरिंग	40
2	बी.टेक. इन केमिकल इंजीनियरिंग	35
3	एम.टेक. इन पेट्रोलियम इंजीनियरिंग	10
4	एम.टेक. इन केमिकल इंजीनियरिंग	10
5	एमबीए	50

स्नातक स्तरीय पाठ्यक्रमों में नामांकन

न्यूनतम शैक्षणिक योग्यता: उम्मीदवारों के नाम आईआईटी द्वारा आयोजित संयुक्त प्रवेश परीक्षा (जेईई) (एडवांस्ड) में संबंधित वर्ष की मेधा सूची में हों। साथ ही, उन्होंने 12वीं या समकक्ष परीक्षा (गणित, भौतिकी व रसायन विषय के साथ) 60 प्रतिशत अंकों (अजा, अजजा, दिव्यांग वर्ग के लिए 55 प्रतिशत) के साथ उत्तीर्ण किया हो।

अकादमिक वर्ष 2016 में, स्नातक स्तरीय पाठ्यक्रमों (बी.टेक. इन पेट्रोलियम व केमिकल इंजीनियरिंग) में नामांकन प्रकिया सफलतापूर्वक जुलाई 2016 में पूर्ण हो गया, जिसमें कुल 74 छात्र-छात्राओं ने नामांकन लिया। इस वर्ष बी.टेक. में कुल 74 छात्रों में से अपिव के 20, अनुसूचित जाति वर्ग के 11 व अनुसूचित जनजाति वर्ग के 6 छात्रों ने नामांकन लिया।

स्नातक स्तरीय पाठ्यक्रमों में नामांकन जेईई (एडवांस्ड)-2016 की मेधा सूची के आधार पर दी गई। नामांकन प्रक्रिया मई-2016 में जेईई प्रतिभागियों से ऑनलाइन आवेदन आमंत्रित करने के साथ शुरू हुई। इस क्रम में संस्थान को देशभर से व सभी वर्गों के छात्र-छात्राओं से कुल 1000 आवेदन प्राप्त हुए। जिन छात्रों ने बी.टेक. पाठ्यक्रम में नामांकन के लिए आवेदन किया, उनके शुरुआत से लेकर अंत तक के रैंक को नीचे सारणी में दिखाया गया है-

वर्ग	शुरुआती रैंक	अंतिम रैंक
सामान्य	931	25934
अपिव	507	7719
अजा	285	3827
अजजा	52	1119

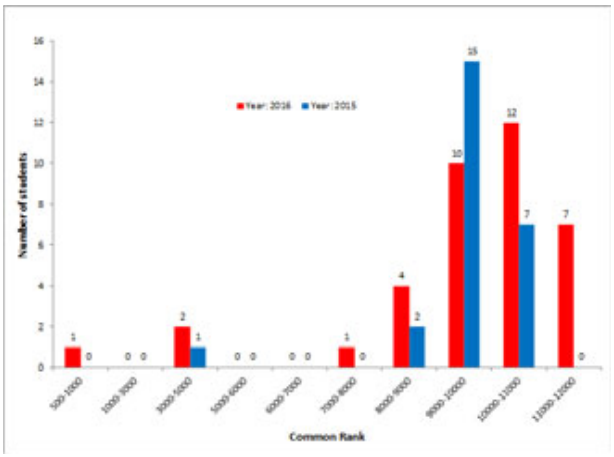
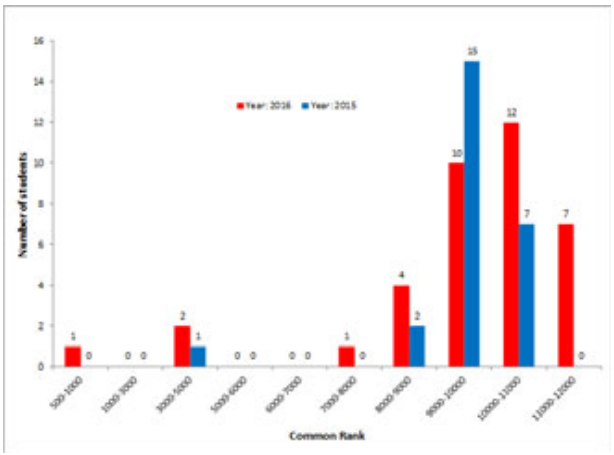
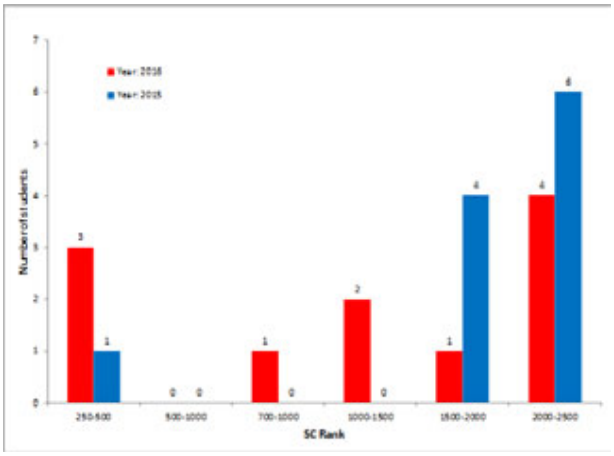
सभी प्राप्त आवेदन को आयोजनकर्ता जेईई अध्यक्ष, आईआईटी गुवाहाटी द्वारा प्राप्त रैंक सूची के साथ मिलान किया गया व उसके बाद नामांकन के लिए मेधा सूची प्रकाशित की गई। नामांकन के लिए 580 उम्मीदवारों का प्रथम अस्थायी ऑनलाइन सूची, सामान्य व अपिव के उम्मीदवारों को 30,000.00 रुपये एवं अजा, अजजा व दिव्यांगों को 10,000.00 रुपये पंजीकरण शुल्क जमा करने के निर्देश के साथ प्रकाशित की गई। इसके जबाव में कुल 243 उम्मीदवारों ने शुल्क जमा किये और उसके आधार पर 75 उम्मीदवारों की प्रथम मेधा सूची प्रकाशित की गई व छात्रों से शेष 53,000.00 रुपये (सामान्य व अपिव) एवं 23,000.00 (अजा, अजजा व दिव्यांग) रुपये जमा करने के लिए कहा गया। जिन उम्मीदवारों ने इस अवधि में शुल्क जमा नहीं किया, उनका आवेदन स्वत: रद्द मान लिया गया।

अंतिम रूप से कुल 74 छात्र-छात्राओं ने बी.टेक. पाठ्यक्रम में नामांकन लिया, जिनके शुरुआती व अंतिम रैंक को नीचे सारणी में दिखाया गया है-

विषय	शुरुआती रैंक				अंतिम रैंक			
	सामान्य	अपिव	अजा	अजजा	सामान्य	अपिव	अजा	अजजा
केमि.ई.	4368	3251	293	146	11487	4190	2426	485
पेट्रो.ई.	931	3678	479	81	11232	4106	2424	270

पिछले वर्ष के साथ आँकड़ों का तुलनात्मक अध्ययन

2016 व 2015 के दौरान हुए नामांकन को रैंकवार तुलना नीचे की तालिका में दिखाया गया है-

वर्ग - सामान्य	
वर्ग - अपिव	
वर्ग - अजा	

स्नातकोत्तर व पीएच.डी. पाठ्यक्रमों में नामांकन

एम.टेक. में नामांकन के लिए कुल 20 सीटें खाली थी जिसमें से 10-10 सीटें क्रमशः पेट्रोलियम व केमिकल इंजीनियरिंग के लिए थे। अंतिम रूप से एम. टेक. इन केमिकल इंजीनियरिंग में 4 एवं एम. टेक. इन पेट्रोलियम इंजीनियरिंग में कुल 2 छात्रों ने नामांकन लिया। इन उम्मीदवारों का चयन लिखित परीक्षा व साक्षात्कार में प्रदर्शन एवं उनके GATE स्कोर के आधार पर किया गया। जबकि एमबीए पाठ्यक्रम में कुल 17 उम्मीदवारों ने अपने CAT/XAT/CMAT/GMAT स्कोर एवं लिखित परीक्षा व साक्षात्कार में अपने प्रदर्शन के आधार पर नामांकन लिया। संस्थान इसके अलावे ऊर्जा, इंजीनियरिंग, प्रबंधन एवं विज्ञान के विभिन्न क्षेत्रों में शोध कार्य को बढ़ावा देने के लिए पीएच.डी. पाठ्यक्रम भी प्रदान कर रहा है। अकादमिक वर्ष 2016 में कुल 9 उम्मीदवारों ने केमिकल इंजीनियरिंग, पेट्रोलियम इंजीनियरिंग, गणित, भूगर्भशास्त्र व रसायन क्षेत्र में शोध के लिए पीएच.डी. में नामांकन लिया।

अध्याय 03

छात्रों के प्लेसमेंट

आरजीआईपीटी में 2017 बैच के प्लेसमेंट सत्र का समापन 48 प्रतिशत छात्रों के चयन के साथ हुआ। इस बैच में कुल 77 छात्र थे जिसमें से 40 बी. टेक. पेट्रोलियम इंजीनियरिंग में, 32 बी. टेक. केमिकल इंजीनियरिंग में एवं 5 छात्र एम. टेक. पेट्रोलियम इंजीनियरिंग से थे। बी. टेक. पाठ्यक्रम में कुल 72 छात्र-छात्राएँ थे जिनमें से केवल 61 ही अपने सीपीआई के आधार पर प्लेसमेंट प्रक्रिया में शामिल होने के लिए योग्य थे। संस्थान में प्लेसमेंट प्रक्रिया का शुभारंभ 3-4 सप्ताह के ग्रीष्मकालीन इंटर्नशिप के साथ होता है और उसके बाद अंतिम प्लेसमेंट के लिए कंपनियों को कैम्पस में आमंत्रित किया जाता है।

इस वर्ष छात्रों के प्लेसमेंट के लिए कुल 12 कंपनियों ने भाग लिया, जिसमें से 5 कंपनी पहली बार आरजीआईपीटी के छात्रों का चयन किया है। इन कंपनियों ने औसतन 9.00 लाख रुपये वेतन का प्रस्ताव चुने हुए छात्रों को दिया जबकि अधिकतम पैकेज 13.5 लाख रुपये का था। इस तरह, आरजीआईपीटी ने पेट्रोलियम एवं पेट्रोकेमिकल इंजीनियरिंग क्षेत्र की कंपनियों के लिए सबसे पसंदीदा भर्ती का संस्थान अपने को बनाये रखने में सफल रहा है। प्रमुख कंपनियाँ, जिन्होंने पहली बार आरजीआईपीटी के छात्रों का चयन किया, वे हैं- इंफोसिस, ओएनजीसी पेट्रो एडिसंस लिमिटेड, मोर्डार इंटेलीजेंस, महानगर गैस लिमिटेड। पिछले वर्ष की ही भांति, प्रतिभागियों का सबसे पसंदीदा कंपनियाँ, सार्वजनिक क्षेत्र की कंपनियाँ- ओ.एन.जी.सी., आई.ओ.सी.एल, ओ.आई.एल. आदि रही। कैम्पस से जिन छात्रों का प्लेसमेंट हुआ, उनका विवरण नीचे दिया गया है-

छात्रों की कुल संख्या	72
छात्रों की कुल संख्या, जो प्लेसमेंट प्रक्रिया में शामिल होने के लिए योग्य थे	61
छात्रों की संख्या जिनका कैम्पस में प्लेसमेंट हुआ	35
कैम्पस प्लेसमेंट में सफल छात्रों का प्रतिशत	57 प्रतिषत

जबकि, एम. टेक. पेट्रोलियम इंजीनियरिंग में कुल 5 छात्र थे और उन्हें नौकरी के कुल 8 प्रस्ताव प्राप्त हुए। स्नातक व स्नातकोत्तर छात्रों का कंपनीवार चयन स्थिति को नीचे तालिका में दिखाया गया है-

कंपनियों के नाम	**बी. टेक.**		**एम. टेक.**	**कुल**
	पे.ई.	**के.इं.**	**पे.ई.**	
ओएनजीसी	7	0	0	7
इंफोसिस	6	1	3	10
आर.आई.एल.	0	1	0	1
ओ.आई.एल.	1	0	0	1
अदानी गैस लि.	1	0	1	2
आई.ओ.सी.एल.	3	3	0	6
बी.ओ.आर.एल.	0	2	0	2
ओएनजीसी पेट्रो एडिसंस लिमिटेड	2	2	0	4
लॉर्ड इंस्टीट्यूट ऑफ इंजीनियरिंग एंड टेक्नोलॉजी	0	0	4	4
मोर्डार इंटेलीजेंस	0	1	0	1
हल्दिया पेट्रोकेमिकल्स लि.	0	1	0	1
महानगर गैस लिमिटेड	4	0	0	4
कुल	24	11	8	43

अध्याय 04

शिक्षण एवं शोध संरचना

आरजीआईपीटी ने अपनी अकादमिक एवं प्रशासनिक गतिविधियाँ अक्तूबर-2016 से जायस, अमेठी स्थित स्थायी कैम्पस से शुरू किया है। संस्थान नये कैम्पस में उच्च स्तरीय शिक्षण एवं शोध संरचना का विकास कर रहा है ताकि छात्र-छात्राओं को सीखने का उचित वातावरण उपलब्ध कराया जा सके। कैम्पस में स्थित कुछ शोध सुविधाओं का विवरण नीचे दिया गया है-

पेट्रोलियम रिजर्वायर इंजीनियरिंग प्रयोगशाला

पेट्रोलियम रिजर्वायर इंजीनियरिंग प्रयोगशाला की स्थापना पेट्रोलियम इंजीनियरिंग के छात्रों हेतु रिजर्वायर गुणों की बनावट खोजने के लिए की गयी है। छात्रों को प्रशिक्षण प्रदान करने के लिए निम्न उपकरण उपलब्ध कराये गये हैं-

- लिक्विड परमियामीटर
- गैस परमियामीटर
- सैचुरेशन टाइप प्रोसपेरिटी मीटर
- कोर प्लग ड्रील प्रेस
- कोर ग्राइन्डिंग एवं कटिंग मशीन

ड्रिलिंग फ्लूड एवं सीमेन्टेशन प्रयोगशाला

ड्रिलिंग फ्लूड एवं सीमेन्ट प्रयोगशाला की स्थापना पेट्रोलियम इंजीनियरिंग छात्रों के लिए ड्रिलिंग फ्लूड (कीचड़) के गुणों के परीक्षण के लिए किया गया है। इस फ्लूड का उपयोग कुँओं के प्रचालन में किया जाता है। यह प्रयोगशाला निम्न उपकरणों के सुसज्जित है-

- विविध गति वाले वीजी विस्कोमीटर
- फिटर प्रेस
- मड बैलेन्स
- पी एच मीटर
- सैन्ड कन्टेन्ट मेजरिंग ट्यूब
- मार्श फनल विस्कोमीटर

एक्सप्लोरेशन एवं प्रोस्पेक्टिंग प्रयोगशाला

आरजीआईपीटी ने अत्याधुनिक तकनीक से युक्त एक्सप्लोरेशन एवं प्रोस्पेक्टिंग प्रयोगशाला की स्थापना की है। प्रयोगशाला में ड्यूल मानिटर व्यवस्था एवं प्रोजेक्शन व्यवस्था के साथ 13 वर्कस्टेशन हैं। डेल टी7500 वर्कस्टेशन जियोन प्रोसेसर, 24 जीबी रैम, ग्राफिक्स कार्ड एवं 64 जीबी मेमोरी युक्त है। बड़े आकार के मेमोरी अच्छे ३डी सेस्मिक डेटासेट के विजुअलाइजेशन में सहयोग करता है। सभी वर्कस्टेशन दो मानिटरों (24 इंच प्रत्येक) के साथ एच डी तार से जुड़े हुये हैं। सेसमिक माइक्रो तकनीक किंगडम साफ्टवेयर के द्वारा संस्थान को अनुदान दिये गये हैं। इस सॉफ्टवेयर का उपयोग संपदा के गुण-निर्धारण हेतु सेस्मिक डेटा विश्लेषण के अध्यापन के लिए किया जाता है। साफ्टवेयर रिजर्वायर चित्रण के लिए सेस्मिक डेटा विश्लेषण का अध्यापन कराने में सहयोग प्रदान करता है।

जियो साइंस प्रयोगशाला

जियो साइंस प्रयोगशाला में एबलसोनाइट, एभ्यूराइट एलबाइट, बोराक्स, टाक, जिस्पर, बायो टाइड जैसे पत्थर एवं खनिज उपलब्ध है एवं छात्र इन पत्थरों एवं खनिजों का प्रयोग इनके भौतिक गुणधर्म एवं दृश्य गुणधर्मों को पहचानने के लिये करते हैं। यह छात्रों को पथरीले स्तर पर उपलब्ध पेट्रोलियम उत्पादों को पहचानने की आधारभूत परिकल्पना का विकास करता है।

सर्वेयिंग प्रयोगशाला

सर्वेयिंग प्रयोगशाला परम्परागत एवं आधुनिक सर्वेयिंग उपकरणों यथा-टेप, आटो लेवल, टोटल स्टेशन, जी पी एस एवं डी जी पी एस जैसे उपकरणों से युक्त है। छात्र अत्याधुनिक तकनीक द्वारा पेट्रोलियम अभियांत्रिकी एप्लीकेशन के लिए सर्वेयिंग डेटा का प्रयोग करते हैं।

पेट्रोलियम उत्पाद परीक्षण प्रयोगशाला

इस प्रयोगशाला का विकास केमिकल इंजीनियरिंग के छात्रों के लिए किया गया है। यह एबल्स टेस्टिंग उपकरण, क्लाउड एवं पोर प्वाइन्ट, रेडवुड विस्कोमीटर, कॉपर स्ट्रीप कोरेजन टेस्ट यंत्र, जैसे परम्परागत एवं आधुनिक उपकरणों से युक्त प्रयोगशाला है। ये छात्रों को ऊर्जा क्षेत्र के पेट्रोलियम उत्पादों के आधारभूत परिकल्पना को विकसित करने में सहायता करता है।

भौतिक विज्ञान प्रयोगशाला

भौतिक विज्ञान प्रयोगशाला की स्थापना भौतिक शास्त्र के विभिन्न क्षेत्रों एवं विभिन्न मापों एवं कमियों के विश्लेषण के उद्देश्य से किया गया है। ये छात्रों को पेट्रोलियम, रिफाइनिंग इंजीनियरिंग एवं ऊर्जा क्षेत्र में भौतिक विज्ञान की आधारभूत परिकल्पनाओं के प्रयोग को समझने में सहयोग प्रदान करती है।

गैर परम्परागत ऊर्जा प्रयोगशाला

गैर परम्परागत ऊर्जा प्रयोगशाला की स्थापना युवा इंजीनियरों को ऊर्जा के वैकल्पिक स्रोतों के बारे में प्रशिक्षित एवं शिक्षित करने के उद्देश्य से की गयी। इसका मुख्य उद्देश्य आर जी आई पी टी के लिए सर्वोत्कृष्ट सौर ऊर्जा व्यवस्था एवं सौर ऊर्जा आधारित गैर परम्परागत ऊर्जा के क्षेत्र में शैक्षणिक वातावरण का विकास करना है।

इसके अतिरिक्त, यह संस्थान का एक अनुसंधान एवं विकास केन्द्र भी होगा, जो कि सौर ताप ऊर्जा उपकरणों के विभिन्न पहलुओं पर केन्द्रित होंगी। यह प्रयोगशाला, डिफरेन्शियल स्कैनिंग कैलोरीमीटर (डी एस सी), डाटा एक्यूजेशन यूनिट जैसे अन्य सम्बन्धित उपकरणों से सुसज्जित है।

केमिकल इंजीनियरिंग प्रयोगशाला

आरजीआईपीटी ने दो केमिकल इंजीनियरिंग यूनिट आपरेशन प्रयोगशाला की स्थापना के लिए आधुनिक उपकरण खरीदे हैं। यह दोनों प्रयोगशाला केमिकल इंजीनियरिंग के अधिकतर क्षेत्र यथा- प्रतिक्रिया इंजीनियरिंग, हीट ट्रान्सफर, मास ट्रान्सफर, फ्लूड फ्लो, फ्लूड पार्टिकल सिस्टम, थर्मोडायनेमिक्स एवं प्रोसेस डायनेमिक्स एवं कन्ट्रोल आदि को समाविष्ट करती हैं।

पॉलिमर प्रयोगशाला

डा० उमाप्रसन्न ओझा एवं डा० देबाशीष पांडा ने अपनी स्वतन्त्र एवं सहयोगात्मक शोध को बढ़ाने के के उद्देश्य से एक रसायन शोध प्रयोगशाला की स्थापना की है। डा० ओझा पालीमर इंजीनियरिंग में में विशेषज्ञता प्राप्त एक कार्बनिक रसायनशास्त्री हैं, जो कि सिन्थेसिस एवं गैस संग्रहण, शुद्धिकरण एवं फोटो वोल्टेइक एप्लीकेशन के साथ नोवेल नैनो-स्ट्रक्चर पदार्थ के क्षेत्र में अनुसन्धान कर रहे हैं। डा० पांडा, बायोफिजिक्स एवं नैनो मटेरियल्स के क्षेत्र में विशेषज्ञता प्राप्त एक प्रयोगात्मक भौतिक रसायनशास्त्री हैं। वे बायो फ्यूल में प्रोफाउन्ड एप्लीकेशन के साथ बायो नैनो पदार्थों के क्षेत्र में अपना अनुसन्धान करेंगे। यह प्रयोगशाला उत्कृष्ट शोध परिणाम देनेवाले सभी प्रकार के आधारभूत उपकरणों से लैस है।

आई टी प्रयोगशाला

आई टी प्रयोगशाला की स्थापना पेट्रोलियम अपस्ट्रीम एवं डाउनस्ट्रीम क्षेत्र के लिए किया गया है। इन सॉफ्टवेयर में शामिल हैं- मैटलेब, मेपेल, आटोकैड सिविल थ्रीडी, एस्पेन प्लस, एनसिस, फ्लूयेन्ट सी एफ डी, यूटी केम, जीओ ईएएस, सीएमजी सॉफ्टवेयर, किंगडम सूट, गौसिया एवं गौस व्यू, रीयल वर्क स्टुडियो, एडोब एक्रोबैट एक्स, इंजीनियरिंग ईक्वेशन साल्वर, ईसीएस, ट्रिम्बल, कॉमसोल आदि।

केन्द्रीय पुस्तकालय

आरजीआईपीटी का केन्द्रीय पुस्तकालय, प्रशासनिक खंड में दो मंजिलों के क्षेत्र में विकसित किया जा रहा ताकि उसमें किताबें, जर्नल, तकनीकी प्रतिवेदन, ऑनलाइन जर्नल्स आँकड़े आदि के विशिष्ट संग्रह को रखा जा सके। नवीन पुस्तकालय पूरी तरह वातानुकूलित है और वहाँ बच्चों के पढ़ने व पुस्तकों के रखरखाव आदि के लिए पर्याप्त स्थान उपलब्ध कराया गया है। पुस्तकालय में प्राध्यापकों व छात्रों के लिए पेट्रोलियम, केमिकल व प्रबंधन क्षेत्र से संबंधित किताबें, स्टैंडर्ड एवं मुद्रित व ऑनलाइन जर्नल आदि उपलब्ध है।

पुस्तकालय में छात्रों के लिए इंटरनेट सुविधा भी विकसित की गई ताकि छात्र ऑनलाइन एवं ऑफलाइन इलेक्ट्रॉनिक संसाधनों का उपयोग कर सकें। पुस्तकालय की मुख्य विशेषताएँ निम्न है-

- संदर्भग्रंथ सूची- पुस्तकों का कंप्यूटरीकृत विवरण संदर्भ सूची के साथ उपलब्ध है जिसमें छात्रों के लिए यह सुविधा है कि वे पुस्तक को लेखक, शीर्षक, की-वर्ड या विषय के आधार पर खोज सकते हैं। यह सुविधा इंट्रानेट पर उपलब्ध है और छात्र इसके माध्यम से अपने पसंद की पुस्तकों की तलाश आसानी से कर सकते हैं।
- पुस्तक संग्रह का संगठन: किताबों के संग्रह को डेसिमल वर्गीकरण योजना के अंतर्गत सजा कर रखा गया है। यह उपयोगकर्त्ता को विषय विश्लेषण या की-वर्ड के माध्यम से पुस्तक खोजने में मदद करता है।

केन्द्रीय पुस्तकालय को सोल वर्जन 2.0 के एकीकृत पुस्तकालय प्रबंधन सॉफ्टवेर के माध्यम से ऑटोमेशन किया गया है जो छात्रों व प्राध्यापकों को तत्समय पुस्तक उपलब्धता की जानकारी उपलब्ध कराने में सक्षम है। इसे www.rgipt.ac.in व http://192.168.3.11/webopac के माध्यम से उपयोग किया जा सकता है। केन्द्रीय पुस्तकालय में उपलब्ध पुस्तकों को विभिन्न वर्गों में नीचे दिये गये तालिका में दिखाया गया है-

विवरण	संख्या
पुस्तकें	7473
मुद्रित जर्नल (ऑयल एशिया जर्नल, डीउ, जर्नल ऑफ जीओलॉजिकल सोसाइटी ऑफ इंडिया, ऑयल एंड गैस जर्नल, जर्नल ऑफ आईआईएससी, करेंट साइंस, हाइड्रोकार्बन प्रॉसेसिंग एवं अमेरिकन साइंटिस्ट)	08
ऑनलाइन जर्नल (एसीएस, एसईजी, सीएएस साइंस फाइंडर, वन पेट्रो, एएपीजी डेटा पेजेज, एसईपीएम, एमरल्ड, एबिस्को, फ्लूड मेकैनिक्स, जीओलॉजिकल मैगजीन एवं ऑयल एंड गैस जर्नल)	11
पत्रकिाएँ (डाउन टू अर्थ, पीसी क्वेस्ट, डिजिट, टाइम, केमिकल इंजीनियरिंग, ब्लूमबर्ग बिजनेस एवं साइंस)	07

अध्याय 05

परियोजना गतिविधियाँ

जायस, अमेठी जिला

आरजीआईपीटी ने अकादमिक गतिविधियां अपने स्थायी परिसर में शुरू किया, जो अक्टूबर 2016 में पूरा और चालू हुआ। वर्तमान में, 425 छात्र बीटेक (केमिकल और पेट्रोलियम इंजीनियरिंग), एम० टेक (पेट्रोलियम और केमिकल इंजीनियरिंग), पीएचडी और एमबीए प्रोग्राम में पढ़ रहे हैं। यह परियोजना भारत सरकार द्वारा 519.10 करोड़ रुपये की बजटीय सहायता निधि से 47 एकड़ जमीन पर पूरी की गई हे।

शिवसागर, असम केंद्र

अपने स्थायी कैंपस से शैक्षणिक प्रस्तावों को पूरा करने के लिए, आरजीआईपीटी शिवसागर, असम राज्य में एक अकादमिक केंद्र की स्थापना कर रहा है। हमारे पास 100 एकड़ जमीन है, जिसमें से 37 एकड़ को पहले चरण में विकसित किया जा रहा है। प्रस्ताव का उद्देश्य पेट्रोलियम, पेट्रोकेमिकल और संबद्ध विभिन्न क्षेत्रों में कुशल तकनीकी श्रमशक्ति के लिए डिप्लोमा और डिप्लोमा के बाद के स्तर पर प्रशिक्षण और प्रमाण पत्र पाठ्यक्रमों के जरिए शिक्षा की पेशकश करना, तेल और गैस, पेट्रोकेमिकल और संबद्ध कंपनियों के लिए काम करने वाले पेशेवरों (नवीन और प्रवर्तन), अग्नि सुरक्षा इंजीनियरिंग में बीटेक व पूर्वोत्तर क्षेत्र में एक कौशल विकास केंद्र के रूप में सेवा देने के लिए की गई है। ।

आरजीआईपीटी के आवंटित स्थल पर अस्थायी परिसर का काम चल रहा है। कैंपस का कार्य दिसंबर, 2017 तक सीपीडब्ल्यूडी द्वारा पूरा किये जाने की संभावना है।

संशोधित परियोजना लागत 880.10 करोड़ रुपये के साथ संशोधित डीपीआर को तैयार किया गया है। (पूंजीगत खर्च के लिए 396.32 करोड़ रुपये और अक्षय निधि फंड के लिए 483.78 करोड़ रुपये)

बैंगलोर एनर्जी इंस्टीट्यूट

कर्नाटक राज्य सरकार ने आरजीआईपीटी के बैंगलोर केंद्र की स्थापना के लिए वर्ष 2015 में कांबलीपुरा गांव, होस्कॉट तालुक, बैंगलोर में मुफ्त में 150 एकड़ जमीन आवंटित की है।

संशोधित डीपीआर को एमओपीएनजी को प्रस्तुत किया गया है जिसमें परियोजना की लागत का अनुमान 1800.00 करोड़ रुपये लगाया गया है। (पूंजीगत खर्च के लिए रुपये 800.00 करोड़ रुपये व अक्षय निधि फंड के लिए 1000.00 करोड़)

बैंगलोर एनर्जी इंस्टीट्यूट (बीईआई) का मुख्य उद्देश्य आर्थिक विकास, (पेट्रोकेस के माध्यम से) तकनीकी संपत्ति विकास, ऊर्जा नवोत्थान और उद्यमशीलता को चलाने पर होगा। संस्थान उत्कर्श अनुसंधान का प्रेरक होगा, स्नातक ड्रिग्री धारक तैयार करने पर अत्यधिक जोर दिया जाएगा और गतिशील ज्ञान और प्रौद्योगिकी हस्तांतरण को सक्षम बनायेगा। यह भारतीय ऊर्जा क्षेत्र की राष्ट्रीय प्राथमिकताओं को प्राप्त करने का प्रयास करेगा। संस्थान इस केन्द्र को उच्चतम स्तर की अत्याधुनिक सुविधाओं से लैस करेगी ताकि यह विभिन्न क्षेत्र में अनुसंधान कर सके। शुरूआत में 10 आधुनिक अनुसंधान प्रयोगशाला की स्थापना 1.8 लाख वर्ग फुट में होगी, जो एक अनुसंधान सह अकादमी परिसर होगा। एक ऊर्जा अनुभव केन्द्र, ऊष्मायन/ई-सेल, पुस्तकालय, सभागार और सेमिनार हॉल आदि संस्थान की प्रमुख गतिविधियों का केन्द्र होंगी। इसके अतिरिक्त, संस्थान के परिसर में बैंक, क्लिनिक, शिपिंग कॉम्प्लेक्स और खेल-कूद का केंद्र भी होगा।

अध्याय 06

आरजीआईपीटी में आयोजित महत्वपूर्ण कार्यक्रम

आरजीआईपीटी जायस के स्थायी कैम्पस का लोकार्पण

मुख्य अतिथि केन्द्रीय मानव संसाधन विकास मंत्री श्री प्रकाश जावड़ेकर, विशिष्ट अतिथि केन्द्रीय वस्त्र मंत्री श्रीमती स्मृति जुबिन ईरानी एवं सम्माननीय अतिथि केन्द्रीय मंत्री पेट्रोलियम व प्राकृतिक गैस मंत्रालय श्री धर्मेन्द्र प्रधान ने 22 अक्तूबर 2016 को राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान के जायस जिला अमेठी स्थित स्थायी कैम्पस का लोकार्पण किया। इस अवसर पर श्री कपिल देव त्रिपाठी, भाप्रसे, सचिव- पेट्रोलियम व प्राकृतिक गैस मंत्रालय, ओएनजीसी के निदेशक- मानव संसाधन श्री डी. डी. मिश्रा, आईओसीएल के निदेशक- मानव संसाधन श्री वर्गीज चेरियन, आरजीआईपीटी संचालक मंडल के अध्यक्ष प्रो. के. बी. अखिलेश, प्रो. पी. के. भट्टाचार्या, निदेशक- आरजीआईपीटी, अकादमिक क्षेत्र के विद्वान, संस्थान के छात्र-छात्राएँ, प्राध्यापक, अधिकारी, कर्मचारी व अन्य गणमान्य लोग उपस्थित थे। कार्यक्रम का शुभारंभ दीप प्रज्वलन कर किया गया।

अतिथियों का स्वागत करते हुए आरजीआईपीटी संचालक मंडल के अध्यक्ष प्रो. के. बी. अखिलेश ने कहा कि संस्थान के नये कैम्पस के लोकार्पण से इसे एक नई दिशा मिलेगी व इसे ऊर्जा क्षेत्र के अग्रणी संस्थान के रूप में स्थापित करने में मदद मिलेगी।

श्री कपिल देव त्रिपाठी, भाप्रसे, सचिव- पेट्रोलियम व प्राकृतिक गैस मंत्रालय ने कहा कि आज के समय में ऊर्जा अर्थव्यवस्था के लिए एक प्रेरक शक्ति है जो सामाजिक विकास में काफी योगदान देता है। उन्होंने आगे कहा कि पेट्रोलियम क्षेत्र में अनुसंधान की अपार संभावनाएं हैं और आरजीआईपीटी को चाहिए कि बी.टेक. व एम. टेक. पाठ्यक्रमों में नियमित रूप से पुनरीक्षण कर नवीन प्रौद्योगिकी पर अध्ययन-अध्यापन को केन्द्रित करें व शोध के क्षेत्र में समझौता करें ताकि युवाओं के नवोन्मेषी पहल को बढ़ावा दिया जा सके।

विशिष्ट अतिथि केन्द्रीय वस्त्र मंत्री श्रीमती स्मृति जुबिन ईरानी ने उपस्थित लोगों को संबोधित करते हुए कहा कि आरजीआईपीटी के नये भवन के लोकार्पण से संस्थान को एक नई दिशा मिलेगी और क्षेत्र के योग्य छात्र-छात्राओं को ऊर्जा क्षेत्र में अध्ययन करने का गौरव प्राप्त होगा। उन्होंने आगे कहा कि आरजीआईपीटी में पेट्रोलियम उद्योग पर केन्द्रित एक कौशल विकास केन्द्र खोली जानी चाहिए ताकि क्षेत्र के युवाओं को रोजगारपरक प्रशिक्षिण प्रदान किया जा सके।

सम्माननीय अतिथि श्री धर्मेन्द्र प्रधान ने युवाओं को संबोधित करते हुए कहा कि भारत सरकार समाज के सभी वर्ग के लोगों तक ऊर्जा उपलब्धता सुनिश्चित करने के लिए प्रतिबद्ध है ताकि देश में 2022 तक ऊर्जा के क्षेत्र में न्याय लाया जा सके अर्थात् ऊर्जा की पहुँच समाज के अंतिम पायदान पर खड़े लोगों तक हों। उन्होंने संस्थान को अपना नया कैम्पस में आने पर बधाई देते हुए कहा कि संस्थान के विकास के लिए हर तरह की आर्थिक सहायता दी जाएगी और पेट्रोलियम उद्योग में कार्य करनेवाले सार्वजनिक व निजी क्षेत्र की सभी कंपनियाँ आरजीआईपीटी के छात्रों के प्लेसमेंन्ट व अन्य शोध कार्यों में सहयोग देंगे। उन्होंने आगे कहा कि आरजीआईपीटी को ऊर्जा के क्षेत्र में एक अग्रणी शिक्षण व शोध संस्थान के रूप में विकसित किया जाएगा ताकि नवीन प्रौद्योगिकी का विकास कर ऊर्जा के फायदे आम लोगों तक पहुँचाया जा सके।

मुख्य अतिथि केन्द्रीय मानव संसाधन विकास मंत्री श्री प्रकाश जावड़ेकर ने इस अवसर पर उपस्थित लोगों को संबोधित करते हुए कहा कि शिक्षा समाज में बदलाव लाने का सबसे बड़ा साधन है जो राष्ट्र को नई ऊँचाईयों पर ले जाता है। उन्होंने आगे कहा कि इतिहास गवाह है कि जिन देशों में विष्वस्तरीय विष्वविद्यालय स्थापित हुए हैं वे राष्ट्र विकसित देशों की श्रेणी में माने जाते रहे हैं। आरजीआईपीटी एक ऐसा ही संस्थान है जिसमें उच्च स्तरीय संस्थान के रूप में विकसित होने की क्षमता है और उन्हें चाहिए कि वे शोध व शिक्षण पर ध्यान केन्द्रित करें ताकि देश में नवोन्मेषी पहल को बढ़ावा दिया जा सके।

राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान (आरजीआईपीटी), रायबरेली की स्थापना 2008 में संसद के अधिनियम के अधीन राष्ट्रीय महत्व के एक संस्थान के रूप में पेट्रोलियम व प्राकृतिक गैस मंत्रालय, भारत सरकार द्वारा किया गया था। इस संस्थान को ऊर्जा विषयक संस्थान के रूप में सार्वजनिक क्षेत्र के छह तेल कंपनियों- ओएनजीसी, आईओसीएल, ओ.आई.एल., गेल, बी.पी.सी.एल., एच.पी.सी.एल. व ओ.आई.डी.बी. के सहयोग से किया गया है। वर्तमान में, आरजीआईपीटी स्नातक (बी.टेक. इन पेट्रोलियम व केमिकल इंजीनियरिंग), परास्नातक (एम.टेक. इन पेट्रोलियम व केमिकल इंजीनियरिंग एवं एमबीए इन पेट्रोलियम एंड एनर्जी मैनेजमेंट) एवं डॉक्टरेट स्तरों पर पाठ्यक्रम संचालित कर रहा है।

आरजीआईपीटी में दो दिवसीय अंतरराष्ट्रीय सम्मेलन का आयोजन

राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान (आरजीआईपीटी) के पेट्रोलियम इंजीनियरिंग विभाग द्वारा प्रथम अंतरराष्ट्रीय सम्मेलन- एडवांसेज इन पेट्रोलियम, केमिकल व एनर्जी चैलेंजेज का आयोजन 24-25 मार्च 2017 को जायस, जिला-अमेठी में किया गया। इस दो दिवसीय सम्मेलन का उद्घाटन ओएनजीसी के पूर्व अध्यक्ष व प्रबंध निदेशक श्री सुधीर वासुदेवा, सम्माननीय अतिथि आईएनएचए विश्वविद्यालय कोरिया के प्रो. बी. चोन, संस्थान के निदेशक प्रो. पी. के. भट्टाचार्या व पेट्रोलियम विभाग के विभागाध्यक्ष डॉ. आलोक सिंह ने दीप प्रज्वलित कर किया। इसका आयोजन दुनियाभर में उत्पन्न ऊर्जा चुनौतियों का सामना करने के उद्देश्य से अकादमिक व उद्योगजगत के बीच सहयोग बढ़ाने व नवोन्मेषी शोध हेतु वातावरण तैयार करने के उद्देश्य से किया गया। इसके अलावे, पेट्रोलियम उत्खनन एवं शोधन के क्षेत्र में हुए नवीन खोजों को साझा करने के लिए मंच तैयार करना है।

कार्यक्रम की शुरुआत करते हुए संस्थान के निदेशक प्रो. भट्टाचार्या ने कहा कि यह प्रथम अंतरराष्ट्रीय सम्मेलन ऊर्जा समस्याओं के समाधान के लिए कार्य हेतु प्राध्यापकों व शोध अध्येताओं को एक नई दृष्टि प्रदान करेगी। मुख्य अतिथि श्री सुधीर वासुदेवा ने कहा कि भारत के सामने सबसे बड़ी चुनौती अपने कच्चे तेल के आयात में 2050 तक 10 प्रतिशत तक की कमी लाना है और इसके लिए जरूरी है कि ऊर्जा के वैकल्पिक स्रोतों की पहचान कर किफायत तरीके से ऊर्जा उत्पन्न करना। इस लक्ष्य की प्राप्ति शोध के माध्यम से तकनीकी गुणवत्ता बढ़ाकर एवं तेल उत्पादन के नये क्षेत्रों की पहचान कर ही की जा सकती है।

आरजीआईपीटी जायस में आयोजित प्रथम अंतरराष्ट्रीय सम्मेलन एपीसीईसी के दूसरे दिन उद्योग जगत के दिग्गजों और देश-विदेश के नामचीन शिक्षाविदों ने कई महत्वपूर्ण विषयों पर विचार व्यक्त किये। दक्षिण कोरिया से आये प्रो. चोन ने आज की परिस्थिति में अत्याधुनिक प्रासंगिक शोध के विषय इको टेरा पर गहन और महत्वपूर्ण तथ्य प्रस्तुत किया। आईआईटी बीएचयू से आये प्रो. जोखन राम ने कैम्बे बेसिन पर किये गये अपने शोध कार्य को साझा किया। आईआईटी मुम्बई के प्रो. एम. ओ. गर्ग ने मिनी डीएमईएस पर शोधार्थियों के साथ चर्चा की। आईएसएम धनबाद के प्रो. वी. पी. शर्मा ने पेट्रोलियम उद्योग में स्वास्थ्य और पर्यावरण सुरक्षा पर शोध कार्य की जरूरत पर बल दिया। आईआईटी कानपुर के प्रो. दीपक कुंजरू ने हेट्रोजिनियस और मोनोलिथत अभिक्रिया पर बहुत ही उपयोगी जानकारी दी। प्रो. के. डी. पी. निगम, आईआईटी दिल्ली ने सत्र का समापन कोल फ्लो इन्वर्टर पर काफी सूचनात्मक प्रस्तुति के साथ किया। साथ ही, इस सत्र में शोध छात्रों ने पेट्रोलियम, केमिकल व ऊर्जा चुनौती पर काफी सूचनापरक पोस्टर और शोध पत्र प्रस्तुत किये।

इसके अलावे, दूसरे दिन अकादमिक-उद्योगजगत के संबंधों पर एक परिचर्चा का भी आयोजन किया गया ताकि दोनों के बीच सूचनाओं एवं ज्ञान के आदान-प्रदान को बढ़ावा दिया जा सके। इस चर्चा की अध्यक्षता ड्रीलिंग एंड एक्सप्लोरेशन वर्ल्ड (डीउ) जर्नल के प्रधान संपादक श्री अरूण सिंघल ने किया। इसमें उद्योग जगत की ओर से ओएनजीसी के कार्यकारी निदेशक श्री आर. के. विज, आईओसीएल के कार्यकारी निदेशक डॉ. डी. के. तुली व कैलसेप दुबई के क्षेत्रीय प्रबंधक व प्रधान परामर्शदाता श्री जावद अज़ीम शेख एवं अकादमिक जगत से आईआईटी मुम्बई के प्रो. एम. ओ. गर्ग, आईआईटी दिल्ली के प्रो. के. डी. पी. निगम, आईआईटी कानपुर के प्रो. दीपक कुंजरू ने भाग लिया और अपने विचार रखें।

चर्चा की शुरुआत करते हुए प्रो. गर्ग ने कहा कि जिन देशों में अकादमिक जगत के विशेषज्ञों को उद्योग जगत में अधिक तरजीह दी जाती है वहाँ शोध कार्यों में इसके अच्छे परिणाम देखने को मिले हैं। प्रो. निगम का कहना था कि इस क्षेत्र में सबसे बड़ी चुनौती खतरे को झेलने की है। जबकि डॉ. तुली ने कहा कि अकादमिक-उद्योगजगत के बीच संबंध बढ़ाने का सबसे बढ़िया तरीका दोनों के बीच विशेषज्ञों का आदान-प्रदान एवं त्वरित निर्णय प्रणाली का विकास है। इस क्षेत्र में सबसे बड़ी चुनौती यह है अकादमिक क्षेत्र के विशेषज्ञ जिन मुद्दों पर कार्य कर रहे होते हैं वह उद्योगजगत के समस्याओं से मेल नहीं रखता, इसलिए जरूरी है कि उत्पाद व अनुप्रयोग उद्योगजगत से इनपुट लेकर विकसित किये जाए। ओएनजीसी के श्री विज का कहना था कि दोनों संगठनों के बीच संबंध बढ़ाने का सबसे अच्छा तरीका यह है कि सूचनाओं के आदान-प्रदान के लिए सुव्यवस्थित प्रणाली का विकास किया जाए और प्राध्यापकों के लिए यह अनिवार्य कर दिया जाए कि उन्हें कुछ हद तक उद्योगजगत में कार्य करने का अनुभव प्राप्त हों।

इस पर आरजीआईपीटी के निदेशक प्रो. पी. के. भट्टाचार्या का कहना था कि इसे प्रभावी बनाने के लिए जरूरी है कि सूचनाओं एवं विशेषज्ञों के आदान प्रदान में निरंतरता बनाये रखा जाए। कार्यक्रम का संचालन पेट्रोलियम इंजीनियरिंग विभाग के सहायक प्राध्यापक डॉ. तुषार शर्मा व डॉ. शिवांजलि शर्मा ने किया।

तीन दिवसीय तकनीकी समारोह उर्जोत्सव-2017 का आयोजन

आरजीआईपीटी के छात्र चैप्टर द्वारा आयोजित तीन दिवसीय तकनीकी समारोह उर्जोत्सव-2017 का आयोजन 17-19 फरवरी 2017 को किया गया। डॉ. के. कृष्णैया, प्रोफेसर- आईआईटी मद्रास, डॉ. शांतनु डे, प्रोफेसर- आईआईटी कानपुर, श्री एल. रघुरामन, सीईओ- सिम इंफोसिस्टम एवं डॉ. यू. ओझा, एसोसिएट डीन-अकादमिक मामले ने दीप प्रज्वलित कर किया। इस तीन दिवसीय कार्यक्रम में पीडीपीयू गाँधीनगर, यूपीईएस देहरादून, डीआईटी देहरादून, आईएसएम धनबाद, जेसीटी कोयंबटूर, दानिश अहमद चेन्नई, यूटीएम शिलांग, डीटीयू दिल्ली, आदित्या इंजीनियरिंग, एफजीआईईटी रायबरेली एवं एफडीडीआई के प्रतिभागी आयोजक आरजीआईपीटी के छात्रों के साथ विभिन्न तकनीकी प्रतियोगितायों में भाग लिया। कार्यक्रम में पेपर प्रेजेंटेशन, पोस्टर प्रतियोगिता, हैलिबर्टन केस स्टडी, मड मैश, पेट्रोमोडेलो, क्रूड बिड, केम-ए-कार, एमयूएन, पेट्रोविजार्ड, रॉक हॉक, बिजनेस किंग, एनर्जी क्विज, केम-ए-हॉक एवं इंटर्नशाला रेज्यूम स्कोरिंग जैसे प्रतियोगिता का आयोजन किया गया।

ये सभी कार्यक्रम कई चरणों में आयोजित किये गये और जज द्वारा विजेताओं का चयन प्रतिभागियों की प्रस्तुति शैली, नवोन्मेषी पहल, प्रयुक्त सूचना सामग्री आदि के आधार पर किया गया। इनमें से कुछ प्रतियोगिताओं के विजेता रहे- **बिजनेस किंग** में यूपीईएस के पोरस गुप्ता, मोहित जाडोन, मयंक सचदेवा एवं नीतिश चौधरी, **मड मैश** में आरजीआईपीटी के ऋषभ चौधरी एवं आशीष कुमार, **पेट्रो मोडेलो** में यूपीईएस के सौरभ सेंगर, अक्षय गुप्ता एवं कनक सिंघल, **पेपर प्रस्तुति** में आरजीआईपीटी के पवनदीप बग्गा, मो. फैजल व पुलकित सचान और **केम-ए-कार** में आईटीजीजीवी विलासपुर के कृष्णा कुमार पटेल व नीतीश कुमार कौशिक ने प्रथम स्थान प्राप्त किया।

कार्यक्रम के दूसरे दिन भारत में ऊर्जा स्वायतता- चुनौती व अवसर विषय पर अकादमिक-उद्योगजगत कॉनक्लेव का भी आयोजन किया गया। इस कॉनक्लेव में ऑयल इंडिया लिमिटेड के निदेशक- मानव संसाधन श्री विश्वजीत रॉय, महानगर गैस लिमिटेड के प्रबंध निदेशक श्री राजीव माथुर, ग्रीन गैस लिमिटेड के कार्यकारी निदेशक श्री बी. आनंद रेड्डी, आईआईएम लखनऊ के प्रो. संजय सिंह, एनटीपीसी ऊँचाहार के श्री हिमांशु चतुर्वेदी, एडवोकेट श्री टी. के. मजुमदार एवं ब्रिटिश उच्चायोग के श्री समीर मित्तल ने भाग लिया और अपने विचार व्यक्त किये। कार्यक्रम का शुभारंभ श्री डी.सी. तिवारी, फैकल्टी-इन-चार्ज (प्रशासन) के स्वागत भाषण से हुआ। श्री तिवारी ने कहा कि आरजीआईपीटी की स्थापना ऊर्जा क्षेत्र में उच्चस्तरीय शिक्षण व प्रशिक्षण प्रदान करने के उद्देश्य से स्थापित किया गया है और संस्थान उस दिशा में तत्परतापूर्वक कार्य कर रहा है ताकि देश को ऊर्जा स्वायतता प्राप्त करने में सहयोग कर सके।

इस अवसर पर अन्य विशेषज्ञों की राय थी कि ऊर्जा स्वायतता प्राप्त करने के लिए जरूरी है कि ऊर्जा के वैकल्पिक स्रोतों का सही से उपयोग हों और शोध कार्यों को बढ़ावा दिया जिससे कि वैकल्पिक स्रोतों से बिजली उत्पादन को किफायती व सुस्थिर मॉडल के रूप में विकसित किया जा सके।

कार्यक्रम की अध्यक्षता ऊर्जोत्सव के फैकल्टी सलाहकार डॉ. सुशम विश्वास एवं छात्र सभापति कोमल चन्द्रा ने किया।

आरजीआईपीटी में शोध अध्येता दिवस परिष्टि-2017 का आयोजन

राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान, जायस में शोध छात्रों ने 4 जनवरी 2017 को प्रथम शोध अध्येता दिवस परिष्टि-2017 का आयोजन किया। इसका आयोजन शोध के महत्वपूर्ण बिन्दुओं पर चर्चा एवं शोध कार्यों में विभिन्न विरोधात्मक विषयों को शामिल करते हुए रणनीति बनाये जाने के उद्देश्य से किया गया। साथ ही, इस कार्यक्रम का उद्देश्य शोधार्थियों में आत्मविश्वास का विकास, विचारों की संरचना एवं रचनात्मक आलोचना जैसे शोध प्रस्तुति के मुद्दे का हल खोजना था। इसके अलावे, इका उद्देश्य स्नातकोत्तर छात्रों के बीच शोध जागरूकता लाना और छात्र-प्राध्यापकों के बीच सूचनाओं एवं ज्ञान के आदान-प्रदान को बढ़ाना था।

इस अवसर पर पीएच.डी के शोध छात्र-छात्राओं द्वारा विभिन्न तकनीकी विषयों पर 8 मौखिक प्रस्तुति पेश किया गया, जबकि एम.टेक. के छात्रों ने 30 विभिन्न विषयों पर पोस्टर प्रस्तुत किये, जिसे उपस्थित विशेषज्ञों ने काफी सराहा।

कार्यक्रम का शुभारंभ मुख्य अतिथि डॉ. सिद्धार्थ पांडा, प्राध्यापक- केमिकल इंजीनियरिंग विभाग, आईआईटी कानपुर, प्रो. प्रशांत कुमार भट्टाचार्या, निदेशक-आरजीआईपीटी, डॉ. उमाप्रसन्न ओझा, डीन- छात्र मामले, डॉ. आलोक कुमार सिंह, डीन- छात्र मामले, डॉ. सतीश कुमार सिन्हा, डीन- सामान्य मामले एवं डॉ. रोहित बंसल, फैकल्टी समन्वयक- परिष्टि द्वारा दीप प्रज्वलन कर किया गया।

इस अवसर पर बोलते हुए संस्थान के निदेशक प्रो. भट्टाचार्या ने शोधार्थियों से कहा कि उन्हें उपलब्ध ज्ञान का अध्ययन करना चाहिए ताकि नवीन सूचना उत्पन्न और लोगों के बीच में उसका प्रसार हो सके। उन्होंने आगे कहा कि शोध का मुख्य उद्देश्य किसी विषय को हर पहलू से समझना, अनुत्तरित प्रश्नों का हल ढूँढना और नवीन विचार प्रस्तुत करना होता है और परिष्टि जैसे कार्यक्रम इसमें काफी सहायक हो सकते हैं।

मुख्य अतिथि के रूप में बोलते हुए डॉ. पाण्डा ने छात्रों के इस तरह के कार्यक्रम आयोजित करने के पहल की सराहना की और कहा कि यह शोधार्थियों को अपने विषय को और वृहद् रूप में सोचने और नवीन समाधान प्रस्तुत करने का मौका उपलब्ध कराएगा। उन्होंने फ्लेग्जिबल इलेक्ट्रॉनिक्स इन हेल्थकेयर डायग्नेस्टिक पर एक व्याख्यान भी दिया।

आरजीआईपीटी में द्वितीय अंतरराष्ट्रीय योग दिवस का आयोजन

राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान (आरजीआईपीटी) रायबरेली में 21 जून 2016 को द्वितीय अंतरराष्ट्रीय योग दिवस कार्यक्रम का आयोजन किया गया। इस अवसर पर उपस्थित संस्थान के निदेशक प्रो. पी. के. भट्टाचार्या, एसोसिएट डीन-छात्र मामले- डॉ. आलोक सिंह, कार्यकारी कुलसचिव श्री रघुनाथ भट्टाचार्या समेत सभी छात्र-छात्राओं, प्राध्यापकों, अधिकारियों व कर्मचारियों ने योगाचार्य श्री पी. एन. पाठक के निर्देशन में योगासन किया। योगासनों का प्रशिक्षण देते हुए योगाचार्य श्री पाठक ने कहा कि आज के समय में लोग अपने व्यस्ततम दिनचर्या में योग को दैनिक जीवन में शामिल कर बहुत सारे शारीरिक व मानसिक कठिनाइयों पर विजय प्राप्त कर सकते हैं। हम सभी केवल प्रतिदिन आधे घंटे का समय योग को समर्पित करें तो संपूर्ण शरीर व मन के बीच सामंजस्य बैठाया जा सकता है। एक घंटे तक चले इस कार्यक्रम में उन्होंने उपस्थित लोगों को अनुलोम-विलोम, कपालभाति, मूण्डक, भ्रामरी, गोमुख, सुखासन, वज्रासन, जैसे आसन, प्राणायाम व ध्यान का प्रशिक्षण दिया। उपस्थित लोगों ने उत्साहपूर्वक इस कार्यक्रम में भाग लिया ताकि अंतरराष्ट्रीय योग दिवस सफल बनाकर योग के माध्यम से स्वस्थ भारत का निर्माण किया जा सके।

वार्षिक सांस्कृतिक कार्यक्रम कलतरंग का आयोजन

राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान (आरजीआईपीटी) जायस में तीन दिवसीय वार्षिक सांस्कृतिक कार्यक्रम कलतरंग का आयोजन किया गया। इसका आयोजन 31 मार्च से 2 अप्रैल 2017 के बीच किया गया। इस तीन दिवसीय कार्यक्रम में प्रतिभागियों के एक से बढ़कर एक आकर्षक प्रदर्शन ने दर्शकों को मंत्रमुग्ध कर दिया। एफजीआईईटी, एफडीडीआई व आयोजक संस्थान आरजीआईपीटी के छात्र-छात्राओं के रैंप पर टिंसल टाउन थीम पर आयोजित फैशन शो में प्रतिभागियों का कैट-वाक हो या फिर एकल व समूह नृत्य, वहाँ उपस्थित दर्शकों में एक नई ऊर्जा उत्पन्न कर दी और उन्हें थिड़कने पर मजबूर कर दिया।

कार्यक्रम के दौरान सभी समूह के प्रतिभागियों को प्लेटफॉर्म उपलब्ध कराने के उद्देश्य से- एकल संगीत, रैप बैटल, बैंड वार, वाद-विवाद, जैम, कविता, अंताक्षरी, स्ट्रीट प्ले, समूह गीत, एकल नृत्य, फैशन शो, समूह चर्चा, क्विज, समूह नृत्य, स्टेज प्ले, रंगोली, टी-शर्ट पेंटिंग, नेल आर्ट, फेस पेंटिंग, आदि प्रतियोगिताओं का आयोजन किया गया। इसमें रायबरेली स्थित आरजीआईपीटी, एफजीआईईटी व एफडीडीआई, सुल्तानपुर स्थित केएनआईटी व केएनआईपीएसएस, लखनऊ स्थित एमिटी विश्वविद्यालय व बीबीडी, आरईसी सोनभद्र एवं एसएचआईएटीएस इलाहाबाद के छात्र-छात्राओं ने भाग लिया।

इसका उद्घाटन 31 मार्च 2017 को मुख्य अतिथि आईआईटी बीएचयू के पूर्व निदेशक डॉ. एस. एन. उपाध्याय, आरजीआईपीटी के एशोसिएट प्रोफेसर डॉ. अतुल शर्मा, डॉ. चंचल कुंडु व डॉ. शिवांजलि शर्मा ने बड़ी संख्या में उपस्थित संस्थान के प्राध्यापकों, छात्र-छात्राओं व विभिन्न संस्थानों से आये प्रतिभागियों की उपस्थिति में दीप प्रज्वलित कर किया। कार्यक्रम की अध्यक्षता अभिषेक प्रजापति ने किया। इस कार्यक्रम के टाइटल प्रायोजक ऑयल इंडिया लिमिटेड व गोल्ड प्रायोजक एमआरपीएल थे।

आरजीआईपीटी में खेल महोत्सव एनर्जिया का आयोजन

राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान (आरजीआईपीटी) जायस में दो दिवसीय खेल महोत्सव एनर्जिया का आयोजन 31 मार्च से 1 अप्रैल 2017 को किया गया। इसका उद्घाटन 31 मार्च 2017 को मुख्य अतिथि अमेठी के जिलाधिकारी श्री योगेश कुमार, सम्माननीय अतिथि एथलीट उपेन्द्र बहादुर सिंह, डॉ. आलोक सिंह, एशोलिएट डीन- छात्र मामले एवं डॉ. देबाशीष पांडा, अध्यक्ष क्रीड़ा समिति ने दीप प्रज्वलित कर किया। खेल महोत्सव में खो-खो, कबड्डी, वॉलीबॉल, बास्केट बॉल (पुरुष व महिला), बैडमिंटन (पुरुष व महिला), कैरम, शतरंज, टेबल-टेनिस (पुरुष व महिला) जैसे प्रतियोगिताओं का आयोजन किया गया। इस कार्यक्रम में कुल 25 संस्थानों के प्रतिभागियों ने भाग लिया और बाबू बनारसी दास विश्वविद्यालय, लखनऊ ने चैंपियनशिप ट्राफी जीता। एनर्जिया का समापन समारोह काफी आकर्षक रहा जिसमें अर्जुन पुरस्कार विजेता श्री रणवीर सिंह (पूर्व राष्ट्रीय वॉलीबाल खिलाड़ी) मुख्य अतिथि के रूप में एवं निशेनाबाज सुश्री रुचि सिंह, जिन्होंने अंतरराष्ट्रीय प्रतियोगिता में भारत का प्रतिनिधित्व किया, सम्माननीय अतिथि के रूप में भाग लिया और उस क्षण यादगार बना दिया। श्री रणवीर सिंह ने विजेता टीम को ट्रॉफी देकर सम्मानित किया।

70वें स्वतंत्रता दिवस का आयोजन

राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान में 70वें स्वतंत्रता दिवस का आयोजन पूरे उत्साह एवं देशभक्ति के साथ किया गया। इस अवसर पर संस्थान के निदेशक प्रो. पी. के. भट्टाचार्या ने तिरंगा फहराकर देश को सम्मान दिया और परेड की सलामी ली। इस अवसर पर उपस्थित संस्थान के छात्रों, प्राध्यापकों, अधिकारियों व कर्मचारियों को संबोधित करते हुए प्रो. भट्टाचार्या ने कहा कि दूसरे के सोच का नकल करने के बावजूद भी आज के युवाओं के कुछ नया सोचना चाहिए ताकि कार्यस्थल पर नवीनता लाई जा सके। उन्हें अपने जीवन के लक्ष्यों को प्राप्त करने के लिए एक निर्धारित रास्ते पर चलने की कोशिश करनी चाहिए, लेकिन इन सभी के लिए जरूरी है कि युवा वर्ग खतरा मोल लेने को तैयार हों एवं वह हमेशा नया सीखने के लिए उत्प्रेरित रहे।

इसके अलावे, विभिन्न पाठ्यक्रमों के छात्र-छात्राओं के अकादमिक प्रदर्शन को प्रोत्साहित करने के उद्देश्य से निदेशक ने बी.टेक. एवं एम.टेक. के 8 छात्रों को प्रशस्ति पत्र देकर सम्मानित किया।

इस अवसर पर, छात्रों के समूह ने देशभक्ति व आतंकवाद पर एक लघु नाटिका का भी मंचन किया जिसे लोगों ने काफी सराहा।

एक्रीन-सेफिर मोड्यूल पर कार्यशाला

एक्रीन सॉफ्टवेयर-सेफिर मोड्यूल पर तीन दिवसीय कार्यशाला का आयोजन 16-18 मई 2016 को रीजर्वाइल मुम्बई के रीजर्वायर इंजीनियर श्री क्रीस्टीन वर्गीज ने किया। कार्यक्रम के दौरान श्री वर्गीज ने मूलभूत सिद्धान्त मोड्यूल के रूप में वेल टेस्टिंग एवं फ्लो समय की पहचान के विभिन्न पक्षों की जानकारी प्रतिभागियों को दी। कार्यक्रम के शुरुआत में जहाँ सैद्धान्तिक पक्षों पर जोर दिया गया। उसके बाद सॉफ्टवेयर के कार्यप्रणाली व उसके प्रयोग के तौर तरीकों से लोगों को अवगत कराया गया। कार्यक्रम में मुख्य जोर प्रेशर ट्रान्जिएन्ट विश्लेषण पर रहा। प्रेशर ट्रान्जिएन्ट विश्लेषण, वास्तव में हाइ फ्रीक्वेंसी, हाइ रीजोलुशन शट-इन डेटा का विश्लेषण करता है। इस कार्यक्रम में संस्थान के प्राध्यापकों, एम.टेक. एवं पीएच.डी. शोध अध्येताओं ने भाग लिया जबकि डॉ. तुषार शर्मा ने इसका संचालन किया।

अध्याय 07

पुरस्कार व सम्मान

सीएसएमआरआई केमकॉन प्रतिष्ठित स्पीकर पुरस्कार

केमिकल इंजीनियर्स के अंतरराष्ट्रीय अध्याय "आईआईसीएचई" ने वर्ष 2016 के लिए सीएसएमसीआरआई केमकॉन प्रतिष्ठित पुरस्कार के साथ आरजीआईपीटी के निदेशक प्रो० पी.के. भट्टाचार्या को सम्मानित किया। यह पुरस्कार पिछले चार दशकों से केमिकल इंजीनियरिंग के क्षेत्र में अकादमिक और अनुसंधान के लिए उनके योगदान को मान्यता है। प्रो० भट्टाचार्या ने 27 से 30 दिसंबर 2016 तक चेन्नई, तमिलनाडु, भारत में आयोजित आईआईसीएचइ, केमकॉन -2016 के 69वें वार्षिक सत्र के दौरान यह पुरस्कार प्राप्त किया।

सुब्रतो घोष कोल पेट्रोलॉजी पुरस्कार 2015–16

भारतीय खनन, भूवैज्ञानिक और धातुकर्म संस्थान ने वर्ष 2015-16 के सुब्रतो घोष कोल पेट्रोलॉजी पुरस्कार से डॉ० आलोक कुमार सिंह, एसोसिएट प्रोफेसर और प्रमुख-पेट्रोलियम इंजीनियरिंग और भूगर्भीय विज्ञान विभाग को सम्मानित किया। यह पुरस्कार कोयला पेट्रोलियम और कोयला रसायन विज्ञान के क्षेत्र में उनके योगदान के लिए दिया गया है।

हियोशी यंग लीफ अवार्ड-2016

हियोशी भारतीय पारिस्थितिक सर्विसेज प्राइवेट लिमिटेड ने अनुसंधान, डिजाइन व कार्यप्रणाली, विकास और पर्यावरण संरक्षण के क्षेत्र में उत्कृष्ट योगदान के लिए वर्ष 2016 का हियोशी यंग लीफ अवार्ड डॉ० एम.एस. बालाथनीगईमनी को प्रदान किया है। डॉ० बालाथनीगईमनी एसोसिएट प्रोफेसर व केमिकल इंजीनियरिंग विभाग के प्रमुख हैं।

सर्वश्रेष्ठ पोस्टर पुरस्कार

डॉ० अतुल शर्मा (एसोसिएट प्रोफेसर-अक्षय ऊर्जा) और डॉ० अमृतांशु शुक्ला (एसोसिएट प्रोफेसर-भौतिकी) ने नई दिल्ली में 21-23 अगस्त 2016 को आयोजित 7वें विश्व नवीकरणीय ऊर्जा प्रौद्योगिकी कांग्रेस (डब्लूआरईटीसी) और एक्सपो-2016 में पोस्टर प्रस्तुत किए और सर्वश्रेष्ठ पोस्टर पुरस्कार जीता।

सर्वश्रेष्ठ पेपर पुरस्कार

डॉ० देबाशीष जेना, सहायक प्रोफेसर-ऑपरेशंस मैनेजमेंट ने आईआईआईटीएम ग्वालियर, मध्य प्रदेश में 22-24 दिसंबर 2016 को आयोजित सोसाइटी ऑफ ऑपरेशंस मैनेजमेंट (एसओएम) के 20वें वार्षिक अंतर्राष्ट्रीय सम्मेलन में ऑटो कंपोनेंट निर्माता के लिए स्प्रैडशीट आधारित क्षमता नियोजन उपकरण का कार्यान्वयन प्रस्तुत किया व सर्वश्रेष्ठ पेपर पुरस्कार जीता।

श्री सतीश कुमार अवस्थी (शोध विद्यार्थी, डॉ० अतुल शर्मा और डॉ० ए० शुक्ला के अधीन) ने 8वीं विश्व नवीकरणीय ऊर्जा प्रौद्योगिकी कांग्रेस एक्सपो-2017 में अपने शोध पत्र थर्मल विनियमन ऑफ फोटोवोल्टिक (पीवी सेल) के लिए सर्वश्रेष्ठ पेपर का पुरस्कार प्राप्त किया जो 21 अगस्त, 2017 को नई दिल्ली में आयोजित की गई।

श्री करुणेश कांत (शोध विद्यार्थी, डॉ० ए० शुक्ला व डॉ० अतुल शर्मा के अधीन) को वर्जीनिया टेक, यूएसए में अपने थीसिस पर काम करने के लिए प्रतिष्ठित भाष्कर एडवांस्ड सौर ऊर्जा (बीएएसई) फैलोशिप प्रोग्राम के लिए चुना गया है।

श्री शुभम गुप्ता, **श्री यश सचान** और **श्री संजय तिवारी** को उनके पेपर भारत के झरिया कोलफील्ड में कोल सीम डेटा के माध्यम से मीथेन गैस के पूर्वानुमान और व्याख्या पर प्रस्तुत पेपर में पहला पुरस्कार जीता व पहले दक्षिण एशियाई भूविज्ञान छात्र सम्मेलन के जियोस्ट्रेटा पत्रिका में उनका पेपर प्रकाशित हुआ।

अध्याय 08

संस्थागत सहयोग

- इलाहाबाद विश्वविद्यालय
- भारतीय प्रौद्योगिकी संस्थान कानपुर
- टेक्सास ए एंड एम विश्वविद्यालय, अमेरिका
- ह्यूस्टन विश्वविद्यालय, अमेरिका
- चोन्नम नेशनल यूनिवर्सिटी, दक्षिण कोरिया
- लुजियाना स्टेट यूनिवर्सिटी, अमेरिका
- हेरॉन वाट्स यूनिवर्सिटी एबरडीन
- भारतीय प्रौद्योगिकी संस्थान, बीएचयू वाराणसी
- राष्ट्रीय रासायनिक प्रयोगशाला पुणे
- राष्ट्रीय भूभौतिकीय अनुसंधान संस्थान हैदराबाद
- भौतिक अनुसंधान प्रयोगशाला अहमदाबाद
- मैसाचुसेट्स विश्वविद्यालय
- लुंड विश्वविद्यालय स्वीडेन
- सलेर्नो विश्वविद्यालय इटली
- नैपोली फेडरिको विश्वविद्यालय इटली

अध्याय 09

संकाय सदस्य

इंजीनियरिंग

प्रो० पी० के० भट्टाचार्या
प्रोफेसर व निदेशक
पीएच०डी० (आईआईटी बम्बई)

डॉ० अभय कुमार चौबे
पीएच०डी० (बी०एच०यू०)
रसायन शास्त्र

डॉ० अमृतांशु शुक्ला
पीएच०डी० (आई०आई०टी० खड़गपुर)
भौतिकी

डॉ० अतुल शर्मा
पीएच०डी० (देवी अहिल्या विश्वविद्यालय)
रेन्यूबल एनर्जी

डॉ० अमित रंजन
पीएच०डी० (मिनीसोटा विश्वविद्यालय)
केमिकल इंजीनियरिंग

डॉ० आलोक कुमार सिंह
पीएच०डी० (बी०एच०यू०) - भूगर्भशास्त्र

डा० चंचल कुण्डु
पीएच०डी० (आई०आई०टी०, खड़गपुर) - गणित

डॉ० अल्पेश कुमार
पीएच०डी० (आईआईटी कानपुर)
गणित

डा० देबाशीष पाण्डा
पीएच०डी० (आई आई टी मुम्बई)
रसायन शास्त्र

डॉ० गुंजन कुमार अग्रहरि
पीएच०डी० (आईआईटी कानपुर)
केमिकल इंजीनियरिंग

डॉ० कौशिक गुहा विस्वास
पीएच०डी० (आईआईटी खड़गपुर)
केमिकल इंजीनियरिंग

डॉ० एम०एस० बालाथनीगयमनी
पीएच०डी० (चोनम नेशनल यूनिवर्सिटी, साउथ कोरिया) - केमिकल इंजीनियरिंग

डा० मनोज कुमार राजपूत
पीएच०डी० (आईआईटी कानपुर) - गणित

डा० मिलन कुमार
पीएच०डी० (टेनेसी यूनिवर्सिटी)
केमिकल इंजीनियरिंग

डॉ० राकेश कुमार
पीएच०डी० (आई०आई०टी० कानपुर)
केमिकल इंजीनियरिंग

डॉ० सौरभ मिश्रा
पीएच०डी० (चौधरी चरण सिंह विश्वविद्यालय, मेरठ) - अंग्रेजी

डॉ० सतीश कुमार सिन्हा
पीएच०डी० (यूनिवर्सिटी ऑफ ओकलाहोमा) भूभौतिकी

डा० सुषम बिश्वास
पीएच०डी० (आई०आई०टी०, कानपुर)
जीओइंफार्मेटिक्स

डा० शिवान्जली शर्मा
पीएच०डी० (आई एस एम धनबाद)
पेट्रोलियम इंजीनियरिंग

डा० तुषार शर्मा
पीएच०डी० (आईआईटी मद्रास)
पेट्रोलियम इंजीनियरिंग

डॉ० यू० डी० द्विवेदी
पीएच०डी० (आई०आई०टी० कानपुर)
इलेक्ट्रीकल इंजीनियरिंग

डॉ० यू० ओझा
पीएच०डी० (आई०आई०टी० बाम्बे)
रसायन शास्त्र

डा० वेंकेटा सुब्बारायडू सिस्टला
पीएच०डी० (ओटो वोन ग्यूरिक यूनिवर्सिटी, जर्मनी) - केमिकल इंजीनियरिंग

प्रबन्ध अध्ययन

डॉ. अनिर्बन मुखर्जी
पीएच.डी. (कन्सास स्टेट यूनिवर्सिटी, यूएसए)
समाजशास्त्र

डा० देबाशीष जेना
पीएच०डी० (आई०आई०एम० लखनऊ) - प्रबन्धन

डॉ० जया श्रीवास्तव,
पीएच०डी० (बनस्थली विश्वविद्यालय) - प्रबन्धन

डॉ० कविता श्रीवास्तव
पीएच०डी० (आई०आई०टी० कानपुर)
मार्केटिंग एवं उपभोक्ता व्यवहार

डॉ० रोहित बंसल
पीएच०डी० (आई आई टी रूड़की)
लेखा एवं वित्तीय प्रबन्ध

डॉ० संजय कर
पीएच०डी० (उत्कल विश्वविद्यालय)
मार्केटिंग एवं अन्तर्राष्ट्रीय व्यापार

डा० सरोज कुमार मिश्रा
पीएच०डी० (आई०आई०टी०, कानपुर)
प्रबन्ध अध्ययन

अध्याय 10

प्राध्यापकों की उपलब्धियाँ एवं प्रकाशन

Dr. Alok Kumar Singh

Associate Professor & HoD- Petroleum Engineering & Geological Sciences Division

Research papers published in journals:

- Singh, A.K., 2016: Petrographic Characteristics and evolution of the Karharbari coals, Talcher Coalfield, Orissa, India. International Journal of Coal Science & Technology, 3(2):133-147.
- Singh et al., 2016: Peat swamps at Giral lignite field of Barmer basin, Rajasthan, Western India: understanding the evolution through petrological Modeling. International Journal of Coal Science & Technology, 3(2):148-164.
- Singh, A.K. 2016: Petrographic and Geochemical Characterization of Coal from Talcher Coalfield, Mahanadi Basin, India. Geological Society of India (Springer), Vol.87, May 2016, pp.525-534.

Conferences attended outside RGIPT:

- Petrotech-2016, 12th International Oil & gas Conference, 05-07 December, 2016, New Delhi, India
- 7th World Petro Coal Congress & Expo-2017 at Main Auditorium, Convention Centre- NDCC, Parliament Street, New Delhi, India during 15th February- 17th February 2017

Industrial tour:

- Conducted Geological Tour in and around Doon Valley

Project guided:

- B. Tech. 2, M. Tech. 1

Other Activities:

(a) Industry visited and visits to other Institutes for research:

- Birbal Sahni Institute of Paleosciences, Lucknow
- of Advanced Study in Geology, Institute of Science, B.H.U, Varanasi

(b) Awards and Honors:

1. Subrato Ghosh Coal Petrology Award 2015-2016 for the contribution to the science of Coal Petrology and Coal Chemistry by The Mining, Geological and Metallurgical Institute of India in the year 2016 (0n 20.9.2016)
2. 3rd Best Paper Award In 7th World Petro Coal Congress

Dr. Amritanshu Shukla

Associate Professor- Physics

Paper/book published:

- Systematic study of Bubble Nuclei in Relativistic Mean Field Theory
  A Shukla, Sven Aberg and Awanish Bajpeyi — Physics of Atomic Nuclei 79, 1 (2016).
- Nuclear structure studies using relativistic mean field theory in mass region A~130
  A Shukla, Sven Aberg and Awanish Bajpeyi — Journal of Physics G44, 025104(2017).
- Thermal Energy storage based solar drying systems: A review
  Karunesh Kant, A. Shukla and A. Sharma, Anil Kumar & Anand Jain — Innovative Food Science and Emerging Technologies 34, 86 (2016).
- Performance evaluation of fatty acids as phase change material for thermal energy storage
  Karunesh Kant, A. Shukla and A. Sharma — Journal of Energy storage 6, 153 (2016).
- Thermal response of poly-crystalline silicon photovoltaic panels: Numerical simulation and experimental study
  Karunesh Kant, A. Shukla, A. Sharma and Pascal Henry Biwole — Solar Energy 134, 147 (2016).
- Heat transfer studies of photovoltaic panel coupled with phase change material
  Karunesh Kant, A. Shukla, A. Sharma and Pascal Henry Biwole — Solar Energy 140, 151 (2016).

- Solar greenhouse with thermal energy storage: A review A. Shukla, Atul Sharma and Karunesh Kant Current Renewable & Sustainable Energy Reports Vol. 3, 58, (2016).
- Ternary mixture of fatty acids as phase change materials for thermal energy storage — Karunesh Kant, A. Shukla and Atul Sharma — Energy Reports Vol. 2, 274, (2016).
- Cooling methodologies of photovoltaic module for enhancing electrical efficiency: A review A. Shukla, Karunesh Kant, A. Sharma and Pascal Henry Biwole — Solar Energy Materials and Solar Cells, 160 275 (2017).

Book Chapters

- **Use of Building Integrated Photovoltaic (BIPV): A significant step towards green buildings** Karunesh Kant, **A. Shukla,** and Atul Sharma Energy Security & Sustainability: Present and Future (book published by CRC press/Taylor & Francis Publishing USA, ISBN 9781498754439).

Conferences/ Symposia Proceedings

- **Study of proton capture rates: ^{96}Ru, ^{98}Ru** Awanish Bajpeyi, **A. Shukla** and A. J. Koning Presented at DÆ Symposium 2016 on Nuclear Physics held at Saha Institute of Nuclear Physics (SINP), Kolkata (published in Proceedings of DÆ-BRNS Symposium on Nuclear Physics 2016).
- **Thermal Conductivity Enhancement of Paraffin Wax with Graphene Nano-Particles** Karunesh Kant, **A. Shukla**, Atul Sharma Presented at National Conference on Solar Thermal Energy Technologies (NCSTET) 2016 held at IIT Jodhpur during February 26–28, 2016.

Books Published

Energy Security & Sustainability: Present and Future (2016, published with CRC press/Taylor & Francis Publishing USA, ISBN 9781498754439).

1. Participation in conference/workshop/seminar- N.A.
2. Short course conducted –N.A.
3. Research project awarded with value of project – N.A.
4. Conference/workshop/seminar organized in campus
5. Guest faculty/industry expert/dignitary invited by you/department

Award/recognition

- Attended meeting of National Innovator's club held at Rashtrapati Bhavan, New Delhi (March 2017).
- Best poster award at 7th World Renewable Energy Technology Congress & Expo-2016 held at Convention Centre-New Delhi City Centre, Parliament Street, New Delhi, India (Aug 2016).

Membership of any professional body (in the said duration):

- Life Member of Solar Energy Society of India.

Any other information you like share:

- Visited Lund University, Sweden for collaborative research work in nuclear Physics with Prof. Sven Åberg, Professor and Head of Mathematical Physics, Lund University, Sweden (May 2016).
- Visited Jean Alexandre Dieudonne Laboratory, UMR CNRS 7351, of the University of Nice Sophia Antipolis, France, for collaborative research work in on research topics of common interest on mathematical modeling of phase change material thermal behavior, when integrated to low energy buildings components, such as photovoltaic panels or walls with Prof. Henry Biwole Pascal (June 2016).

Dr. Abhay Kumar Choubey

Associate Professor- Chemistry

Paper/book published: 1 Book Chapter

- 'The Hydrogen Initiative: Technological Advancements & Storage Challenges' has been published in a book on 'Energy Security & Sustainability of CRC Press, Boca Raton, USA, 2016

Participation in conference/workshop/seminar:

- Participated in an International seminar on "India's Leap into the Methanol Economy: Opportunities and Options for Energy Security" organized by NITI Aayog, in New Delhi on September 6-7, 2016.
- Attended 12th biennial International Oil & Gas Conference cum Exhibition 'Petrotech- 2016' held in New Delhi from 5th–7th December 2016.

Research project awarded – 01 under consideration:

- Application of Gels for Water Shut-off and Profile Modification Jobs in Hydrocarbon Bearing Reservoirs Status: Under Review at 2nd stage by SERB, DST, Govt. of India)

Guest faculty/industry expert/dignitary invited by you/dept.

- Prof. S. N. Upadhyay, Former Director & Emeritus Professor, IIT(BHU) as Chief guest in an event

Industrial tour

- Currently guiding 2 Ph.D. students namely Ms. Reena Yadav and Ms. Vartika Srivastava in the areas of Petroleum Engineering and Chemistry.
- B. Tech. (Chemical Engineering) projects: 4

Any other administrative responsibilities

- Chairman, Disciplinary Committee of RGIPT
- Chairman, Council of Wardens
- Editorial board member of international journal, Journal of Petroleum Engineering & Technology
- Cheque signatory
- Developed a course on Energy & Environment for M. Sc. (Energy Sciences) program at RGIPT

Dr. Atul Sharma

Associate Professor, Reneweble Energy

Paper/book published

Book Publication:

Amritanshu Shukla and Atul Sharma
Energy Security and Sustainability, CRC Press, Taylor and Frances Group, ISBN 9781498754439 (2016).

Book Chapter Publications:

Om Prakash, Anil Kumar and Atul Sharma
Solar Drying, CRC Press, Taylor & Francis Group, series editor: Jochen Bundschuh, Karlsruhe University of Applied Sciences, Institute for Applied Sciences, Karlsruhe, Germany, ISBN 9781138029705, p. 235-258 (2017).

Karunesh Kant, A. Shukla, Atul Sharma

Use of Building Integrated Photovoltaic (BIPV): A Significant Step Towards Green Buildings, Energy Security and Sustainability (Hardback)- CRC Press, Edited by Amritanshu Shukla and Atul Sharma. ISBN 978-1-49-875443-9, p. 55-92 (2016).

Helia Taheri, Atul Sharma

A Role of Phase Change Materials in Building Applications, Energy Security and Sustainability (Hardback) – CRC Press, Edited by Amritanshu Shukla and Atul Sharma. ISBN 978-1-49-875443-9, p. 113-134 (2016)

Section Editor:

Section Editor of a special issue on "Topical Collection on Regional Renewable Energy" in 'Current Sustainable/ Renewable Energy Reports' journal, Volume 3, Issue 3-4, December 2016.

Invited Talk:

An Introduction to Phase Change Materials (PCMs) and Their Utilization For Thermal Energy Storage Applications, December 20, 2016, Organized by College of Engineering Adoor, Manakkala, Pathanamthitta District, Kerala.

Guest Lecturer:

Development and Utilization of Phase Change Materials (PCMs) for Building Applications, February 29, 2016, Organized by School of Architecture, BBD University, Lucknow.

Journal Paper:

Karunesh Kant, A. Shukla, Atul Sharma
Heat Transfer study of Phase Change Materials with Graphene Nano Particle for thermal energy storage, Solar Energy, Vol. 146, 453–463 (2017).

A. Shukla, Karunesh Kant, Atul Sharma
Solar Still with Latent Heat Energy Storage: A Review, Innovative Food Science and Emerging Technologies, Vol. 41, 34-36 (2017).

Tripti Rai, Atul Sharma, Debashis Panda
Quantifying the Role of Silver Nanoparticle in Modulation of the Thermal Energy Storage Properties of PAM-Ag Nanocomposites, New Journal of Chemistry (2017).

Karunesh Kant, A. Shukla, Atul Sharma, Pascal H. Biwlœ
Cooling methodologies of photovoltaic module for enhancing electrical efficiency: A review, Solar Energy Materials & Solar Cells, Vol.160, 275-286 (2017).

Karunesh Kant, A. Shukla, Atul Sharma
Ternary mixture of fatty acids as phase change materials for thermal energy storage applications, Energy Reports, Vol.2, 274-279 (2016).

Karunesh Kant, A. Shukla, Atul Sharma, P. H. Biwlœ, Heat transfer studies of photovoltaic panel coupled with phase change material, Solar Energy, Vol. 140, 151–161 (2016).

Ruchika Gupta, Soumya Kedia, Neelam Saurakhiya, Atul Sharma, Amit Ranjan
Fatty Acid Mixtures In Nanofibrous Polymeric Material, Solar Energy Materials & Solar Cells, Vol. 157, 676-685 (2016).

Karunesh Kant, A. Shukla, Atul Sharma, Pascal H. Biwlœ
Thermal response of poly-crystalline silicon photovoltaic panels: Numerical simulation and experimental study, Solar Energy, Vol. 134, 147-155 (2016).

Sanjay Kumar Kar, Atul Sharma, Biswajit Roy
Solar energy market developments in India, Renewable and Sustainable Energy Reviews Vol. 62, 121-133 (2016).

Karunesh Kant, A. Shukla, Atul Sharma
Performance evaluation of fatty acid as phase change material for thermal energy storage, Journal of Energy Storage, Vol. 6, 153-162, (2016).

Karunesh Kant, A. Shukla, Atul Sharma, Anil Kumar, Anand Jain
Thermal Energy storage based solar drying systems: A review, Innovative Food Science and Emerging Technologies, Vol. 34, 86-99 (2016).

Participation in conference/workshop/seminar

- First International Conference on Advanced Materials for Power Engineering (ICAMPE-2015), December 11-13, 2015 Organized by Wroclaw University of Technology, 27 Wybrzeze, Wyspianskiego St 50-370 Wroclaw, Poland and International and Inter University Centre for Nanoscience and Nanotechnology (IIUCNN), Mahatma Gandhi University, Kottayam, Kerala, India.
- Attended the Department of Science and Technology (DST) 'Expert Panel Meeting' for screening the proposals received against the MES-Call 2016, 29th August 2016 in New Delhi.

Research project awarded with value of project

A research Project Proposal entitled "Thermal Regulation of Photovoltaics (PV) Cells using Phase Change Materials (PCMs)" submitted to Council of Science & Technology (U.P.), "VIGYAN BHAWAN", Lucknow.

Principal Investigator	:	Dr. Atul Sharma
Co- Principal Investigator	:	Dr. Amritanshu Shukla
Total Cost	:	Rs. 10,44,000/-
Date of Start	:	30th March 2017

Award/recognition

Best poster award at 7th World Renewable Energy Technology Congress (WRETC) & Expo-2016, August 21-23, 2016 held at Convention Centre-New Delhi City Centre, Parliament Street, New Delhi, India.

Dr. Chanchal Kundu

Associate Professor- Mathematics

Details of R & D activities

My field of interest is reliability theory, to be more specific

- Reliability of a system/component
- Stochastic ordering and ageing
- Statistical information theory
- Order statistics and record values

Currently working on the following projects funded by DÆ & DST

Project #1:

- Title: On the Study of Information Theoretic Measures for Doubly Truncated Random Variables (Ref. No. 2/48(4)/2015/NBHM(R.P.)/R&D II/14130).
- Principal Investigator: Dr. Chanchal Kundu
- Co-Investigator: Nil
- Sponsor Agency & Cost: NBHM, Dept. of Atomic Energy, Govt. of India; Rs. 13,29100/-
- Status & Duration: Ongoing (Nov. 2015- onwards); 3 yrs
- Person Working: One JRF.

Project #2:

- Title: On Some Properties of Expected Inactivity Time having Applications in Reliability (Ref. No. SR/FTP/MS-016/2012)
- Principal Investigator: Dr. Chanchal Kundu
- Co-Investigator: Nil
- Sponsor Agency & Cost: SERB, Dept. of Science and Technology; Rs. 10.92 lakh.
- Status & Duration: Ongoing (Mar. 2014- onwards); 3 yrs
- Person Working: One JRF.

List of Research Publications:

1. Kundu, C. and Patra, A. (2017), Some results on residual life and inactivity time at random time. Communications in Statistics- Theory & Methods, DOI: 10.1080/03610926.2017.1303735. Online First. (Taylor & Francis Group)
2. Kundu, A. and Kundu, C. (2017), Bivariate extension of (dynamic) cumulative past entropy. Communications in Statistics- Theory & Methods, Vol. 46, pp 4163-4180. (Taylor & Francis Group)
3. Kundu, C. (2017), On weighted measure of inaccuracy for doubly truncated random variables. Communications in Statistics- Theory & Methods, Vol. 46, pp 3135-3147. (Taylor & Francis Group)
4. Kundu, C. (2016), Chernoff distance for double truncated distributions. Communications in Statistics- Theory & Methods, DOI: 10.1080/ 03610926.2016.1239109. Online First. (Taylor & Francis Group)
5. Kundu, C. and Ghosh, A. (2016), Inequalities involving expectations of selected functions in reliability theory to characterize distributions. Communications in Statistics- Theory & Methods, DOI: 10.1080/03610926.2016.1183784. Online First. (Taylor & Francis Group)
6. Ghosh, A. and Kundu, C. (2016), Chernoff distance for conditionally specified models. Statistical Papers, DOI: 10.1007/s00362-016-0804-5. Online First. (Springer)

Some more papers have been revised/submitted for publication.

Ph. D. students Supervised:

- Amit Ghosh (PMATH13-001) & Arijit Patra (PMATH16-001)
- Status: Ongoing

Details of R & D activities (Proposal for next two years)

Project to be Submitted:

- Project Title: On the Study of Kerridge's Inaccuracy Measure and related Concepts having Applications in Information Sciences and Coding Theory.
- Duration: 3 Years
- Total Cost: Rs. 25 lakhs

Papers Reviewed for:

- Statistics and Probability Letters by Elsevier
- Communications in Statistics- Theory & Methods by Taylor & Francis Group
- Communications in Statistics- Simulation & Computation by Taylor & Francis Group
- Statistics by Taylor & Francis Group
- Statistical Papers by Springer

Membership

- Life member of International Indian Statistical Association (IISA)
- Member of Indian Science Congress Association, Calcutta

Details of Administrative Responsibilities:

1. Chairman of Cultural Program Committee (Mar., 2016- till date)
2. Chairman of PG admission Committee (August'16-Jan.'17)
3. Library Committee Member (Oct., 2012 – till date)

Dr. Debashis Panda

Assistant Professor- Chemistry

Details of R & D activities

- **Project:** Distribution of uranium and associated water quality parameters in 5 districts of Uttar Pradesh
  Role: Co-PI
  Budget: 26.97 lakh
  Agency: Department of Atomic Energy (BRNS)
  Status: Approved (ongoing)
- **Project:** Investigation of Slug Flow manifested Enhanced Mass Transfer and Reaction Kinetics in Microreactors
  Role: Co-PI
  Budget: 44.48 lakh
  Agency: Department of Science & Technology
  Status: Under consideration (EMR/2016/001683)

Details of R & D activities
(Proposal for next two years)

Proposal-I:
Electrocatalytic Activity of Graphene supported Metal Nanoclusters and Application thereof
Role: Program Coordinator
Budget: 30.03 lakh
Agency: BRICS (Department of Science & Technology)
Status: Under consideration (Proposal No. 144) submitted in August, 2016

Proposal-II:
Synthesis & characterization novel Metal nanoclusters for catalytic reaction and bioimaging

Proposal-III:
Enhanced pre-treatment method for Biofuel Production

Number of papers published

Peer-reviewed journals:

- A. Singh, T. Rai, D. Panda, "Photoluminescence dynamics of copper nanoclusters synthesized by cellulose: role of the random-coil structure", RSC Advances, 2016, 6, 55539–55545

Conference:

1. T. Rai and D. Panda, "Quantifying the Role of Silver Nanoparticle in Modulation of the Energy Storage Properties of Nanocomposites", 4th International Conference on Advanced Nanomaterial and Nanotechnology (ICANN-2015), Indian Institute of Technology Guwahati (IITG), December, 2015.
2. A. Singh, D. Panda, "Interaction of Enzyme Synthesized Copper Nanocluster with Surfactants" 13th DAE-BRNS Biennial Trombay Symposium on Radiation & Photochemistry (TSRP-2016), Bhabha Atomic Research Centre,Mumbai, January, 2016.
3. T. Rai and D. Panda, "Decoding The Energy Storage Dynamics Of Nanocomposites" National Conference on Science for Society: An Interdisciplinary Approach and 3rd Lucknow Science Congress (LUSCON- 2015), Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, November 2015.

Awards and honours/national/international conferences attended (full details) during April 2015 to March 2016

Attended 13th DAE-BRNS Biennial Trombay Symposium on Radiation & Photochemistry (TSRP-2016), Bhabha Atomic Research Centre and the Indian Society for Radiation and Photochemical Sciences (ISRAPS), India to January, 2016.

Thesis supervised

Ongoing:

Protein-directed synthesis of metal nanoparticles & nanoclusters: An understanding of their energy dynamics

Membership of any scientific society /organization

Life-member: Indian Society for Radiation and Photochemical Sciences, Mumbai

Administrative responsibility

1. Chairman, Tender Evaluation Committee
2. Chairman, Sports Committee
3. Coordinator, Mess-Committee
4. Co-Chairman, Tender Evaluation Committee
5. Member, Chemical Purchase Committee
6. Member, Stationary Items Purchase Committee

Dr. Koushik Guha Biswas

Assistant Professor, Chemical Engineering

Paper/book published: 1 Book Chapter

- 'K.G. Biswas, L.Das, Role of Biodiesel in Indian Renewable Energy, in Current sustainable/Renewable Energy Reports (Springer), Vol 3, 2016, pp 67-71.

Participation in conference/workshop/seminar:

Papers accepted in International Conference

- K.G. Biswas, A.K. Choubey, L.Das, Methanol and Dimethyl ether: Alternative to Existing Fuels, Chemcon, December, 2016.
- K.G. Biswas, T. Sharma, L.Das, Development of a novel static mixer for potential oilfield applications, Chemcon, December, 2016.
- L.Das, K.G. Biswas, T. Sharma, Photocatalytic Degradation of Malachite Green using Nano Titania Catalyst" Chemcon, December, 2016.

- L.Das, K.G. Biswas, A.K. Choubey, Preparation and Characterization Titania-Zirconia Nano composite catalyst and Application for Photo Degradation of Malachite Green, Chemcon, December, 2016.
- U. Kumar, K.G. Biswas, D.Panda, Efficient method to fabricate micro-fluidic reactors, APCEC, March, 2017.
- L. Das, K.G. Biswas, U. Kumar, Treatment of phenolic effluent by photocatalytic reaction, APCEC, March, 2017.

Research project awarded with value of project:

Submitted Two Projects

- Project titled "Design and development of in-line static mixers for potential oilfield applications" to Ministry of Environment, Forest & Climate change, Government of India as Principal Investigator
- Project titled "Application of Gels for Water Shut-off and Profile Modification Jobs in Hydrocarbon Bearing Reservoirs" to DST (SERB) as Co- Principal Investigator.

Conference/workshop/seminar organized in campus:

- Organized one international conference (APCEC 2017) as Joint Secretary (General) at RGIPT in March 2017

Guest faculty/industry expert/dignitary invited by you/ department:

- Invited Prof. S.Ray of IIT, Kharagpur (for delivering invited lecture on "Estimating properties of streams from Crude Distillation Column - online and offline") jointly with Dr. A.K. Choubey under Petrotech Student Chapter in March 2017 at RGIPT.

Industrial tour:

- Visited IIP Dehradun and India Glycols with 3rd year Chemical Engineering students (Currently 4th year, passing out) in April 2016 with Dr. M. Kumar.

Project (B. Tech., M. Tech., Ph.D) guided:

- Completed: Guided 5 B.Tech students for their B.Tech Project (Currently passing out 4th year, from July-December 2016)
- Ongoing: Supervisor of one M.Tech student (Currently M.Tech 1st year) for his M.Tech Project (July 2016- July 2018)

Any other information you like share

Invited Talk

Delivered invited talk on "Process intensification in micro to nano channel geometries" at Fourth International Conference on Nanostructured Materials and Nanocomposites (ICNM 2017), Kottayam, Kerala, February 2017.

- Member of Techno festival and S & T committee (2016- present) at RGIPT.
- Member of Purchase Committee (2016- March 2017) at RGIPT
- Member Tender Evaluation Committee (2016- present) at RGIPT
- Member of Scholarship Committee (2016- present) at RGIPT

Dr. Kavita Srivastava

Associate Professor, Marketing & Comsumer Behaviour

Detail of research/ papers and publication

1. Srivastava, K., and Sharma, N. K. (2016) "Consumer Perception of Brand Personality: An Empirical Evidence from India" Global Business Review, 17 (2), 375-388
2. Srivastava, K., and Chawla, D. (accepted for 2016) "Demographic and Psychographic Antecedents of Ecologically Conscious Consumer Behavior: An Empirical Investigation" International Journal of Indian Culture and Business Management.

Participation in conference

- Participated in Green Revolution Global Certification Program conducted by International Center for Culture & Education; Supported by United Nations Framework Convention on Climate Change
- Participated in Hindi Workshop (with BPCL) conducted at RGIPT NOIDA
- Attended Case Research Workshop conducted at RGIPT NOIDA
- Attended 2nd ORF-PRIO Conference on *"Future Scenarios For An Urbanizing India:*

Governance, Security & Environmental Change" Observer Research Foundation (ORF), New Delhi, and the Peace Research Institute Oslo (PRIO), Norway.

- Attended Webinar of ISB-Ivey Global Case Competition 2016
- Presented a paper titled "Consumer Perception of Brand Personality Dimensions" in the conference on Brand Management organized by IIT Delhi on 16-17 April

Award/reorganization

Reviewer of *Paradigm* - the Journal of IMT Ghaziabad.

Membership of any scientific society /organization: AIIMS International

Dr. Rakesh Kumar

Assistant Professor–Chemical Engineering

Publications:

- Divyam Jha, Md. Belal Haider, Rakesh Kumar, M.S. Balathanigaimani "Extractive desulfurization of dibenzothiophene using phosphonium-based ionic

liquid: Modeling of batch extraction experimental data and simulation of continuous extraction process" Chemical Engineering Research and Design, 111 (2016) 218–222.

- Md. Belal Haider, Zakir Hussain, Rakesh Kumar "CO_2 absorption and kinetic study in ionic liquid amine blends" Journal of Molecular Liquids, 224 (2016) 1025–1031.
- Zakir Hussain, Md. Belal Haider, Rakesh Kumar, "UsageSpecific Biodiesel Production with and without catalytic booster" Materials Today: Proceedings, 3 (2016) 4115–4120.
- Balraj Bandary, Zakir Hussain, Rakesh Kumar, "Effect of carbon and nitrogen sources on Escherichia coli bacteria in removing dyes" Materials Today: Proceedings 3 (2016) 4023–4028.
- M. S. Balathanigaimanil, Md. Belal Haider, Divyam Jha, Rakesh Kumar, Seung Jæ Lee, Wang Geun Shim, Ho Kyong Shon, Sang Chai Kim, and Hee Moon, "Nanostructured Biomass Based Carbon Materials from Beer Lees for Hydrogen Storage" Journal of Nanoscience and Nanotechnology, 17 (2017) 1–4.

Conferences:

- Zakir Hussain, Md. Belal Haider, Rakesh Kumar "Usage specific biodiesel production with and without catalytic booster" International conference on materials research and applications (ICMRA-2016) held on 11-13 March, at CMR Technical campus, Hyderabad, India.
- Balraj Bandary, Zakir Hussain, Rakesh Kumar "Effect of carbon and nitrogen sources on Escherichia coli bacteria in removing dyes" International conference on materials research and applications (ICMRA-2016) held on 11-13 March, at CMR Technical campus, Hyderabad, India.

Project Completed

Title of the project: "CO2 capture using ionic liquids: experiments and molecular modeling"

Total Sanctioned Fund: ~26.5 lacs

Funding Agency: Department of Science and Technology (DST) India

Time Duration: July-2013 to January 2017

Lecture Delivered

- Deliverd the lectures on the topic "Chemical Process Modelling and Simulation" to IOCL officers on 8th August and 31st October 2017.

Dr. Rohit Bansal

Assistant Professor, Accounting & Financial Management

Paper/book published: 1 Book Chapter

- Rohit Bansal (2016) "A Comparative Financial Performance Analysis: Study of Indian and Global Oil Companies", Oil, Gas & Energy Law Intelligence, Vol. 14, Issue 4, pp 01-29.\

Participation in conference/workshop/seminar:

- Petrotech 2016, the 12th edition of Oil and Gas conference & Exhibition being organized, under the ægis of ministry of petroleum and natural gas, Government of India, 5th to 7th December 2016 at Vigyan Bhawan, New Delhi.

Participation in conference/workshop/seminar:

- Organized International Conference on Advances in Petroleum, Chemical, and Energy Challenges (APCEC) during 24-25th March 2016

Membership of any professional body:

- Life time Membership of All India Management Scholar (AIMS), India (Membership ID: B-1074)

Any other information you like share:

- Aakanksha Mahajan, Sushil Kumar and Rohit Bansal, (2017) "Diagnosis of Diabetes Mellitus Using PCA and Genetically Optimized Neural Network", at International conference on computing communication and Automation, 5th-6th-2017, Galgotia University.
- Abhishek Dixit, Sushil Kumar, Millie Pant and Rohit Bansal (2017), "BBO-DE: Hybrid Algorithm based on BBO and DE" at International conference on computing communication and Automation, 5th-6th-2017, Galgotia University.
- Reviewer for "Financial Options," in Core Curriculum Series in Finance for Harvard Business Publishing (HBP).
- Developing "Practice Questions" in Core Curriculum Series in Finance for Harvard Business Publishing (HBP).
- Member of Editorial Board of (ARSEAM) Journal Academic Research In Science, Engineering, Art and Management.

Dr. Susham Biswas

Assistant Professor, Geo-informatics

Publication (conference and Journal)

- Developing noise prediction model for mining operations, I. Zafar, Abhishek G., Abhishek P., Dilip P., Prince, and Biswas S, 7th World PetroCoal Congress & Expo-2017 at Main Auditorium, Convention Centre-NDCC, Parliament Street, New Delhi, held on February 15-17, 2017
- Predicting health hazard of noise pollution around a typical unplanned road crossing, Biswas S., Zafar I, Prajapat P , Sarkar A, and Ankit, International Conference on New and Renewable Energy Resources for Sustainable Future (ICONRER-2017), February 2-4, 2017, Proceedings.

- Monitoring Tree Resources Outside Forest for carbon storage using satellite images, Biswas S., Zafar I, Toshniwal A, Mohan V, Harsha S, Pandey A, and Janghu, International Conference on New and Renewable Energy Resources for Sustainable Future (ICONRER-2017), February 2-4, 2017, Proceedings.
- Use of LiDAR data to predict noise exposure at a developing city crossing crowded by roadside shops, Biswas S., Zafar I, Accepted, International Land Use Symposium (ILUS), Germany, 2017
- Urban Proliferation of Blue Whale Challenge in India: A Socio-Spatial Analysis, Shukla S., Mukherjee A., and Biswas S, Research Discourse, South Asia Research and Development Institutes, 2017

Participation in conference/workshop/seminar

- International Conference on New and Renewable Energy Resources, SKIT, Jaipur February 2-4, 2017

Conference/workshop/seminar organized in campus

- Organized National Level Technical and Entrepreneurial Festival Urjotsav (February 17-19, 2017) with various club activities from Tinkering Lab, E-Cell and Kode Club. Workshops were organized on Android App Development, Ethical Hacking, Industrial Automation, Mobile Controlled Robotics and Arduino Programming.

Guest faculty/industry expert/dignitary invited by you/ department

- Mr. Anand Reddy, Director Commercial, Green Gas Limited, Mr. Rajeev Mathur, MD, MGL, Dr. Sanjay Singh, Professor Economics, IIM Lucknow Prof. Krishnaiah (Ex-Dean, IIT Madras), Mr. L Raghuraman (Business Manager, Sim Infosystems), Mr. Biswajit Roy, Director, Oil India Limited, visited RGIPT as part of dignitaries for Urjotsav and "Institute-Industry Conclave during February 17-19, 2017

Industrial tour

- Conducted an industrial tour to Modern Rail Coach Factory, Lalganj, Ræbareli for 1st year B. Tech. Petroleum and Chemical students to provide industrial exposure for the course Engineering Graphics and Workshop Practices

Project (B. Tech., M. Tech., Ph.D) guided

- UG students Mr. Vivek Tyagi worked on oil spill extraction algorithm using images and Mr. Ankit Sharma worked on Indoor Acoustic designing under my supervision

Dr. Shivanjali Sharma

Assistant Professor, Petroleum Engineering

Paper/book published:

- "Experimental and Modelling hydraulic studies of foam drilling fluid flowing through vertical smooth pipes",Amit Saxena,A.K Pathak,Keka Ojha,Shivanjali Sharma, Vol.26,Issue 2,June 2017,Pages 279-290,Egyptian Journal of Petroleum
- "An empirical correlation for estimating the viscosity of non-Newtonian waxy crude oils,Shivanjali Sharma,Vikas Mahto,Virender Parkash Sharma,Amit Saxena,34(6),523-530,April 2016,Journal of Petroleum Science and Technology

Participation in conference/workshop/seminar:

- Presented paper on "Application of Zinc Titanate Nanoparticles prepared by calcining the electrospun solution in the synthesis of drilling mud",Shama Perween,Shivanjali Sharma, Amit Ranjan on January 12-14,2017 at PEDJP 2017 AT IIT (ISM) Dhanbad
- Presented paper on "Designing of Cement Slurry for HP HT wells",Vikas Sharma,Pukhraj Prajapat,Shivanjali Sharma on January 12-14,2017 at PEDJP 2017 AT IIT (ISM) Dhanbad
- Presented paper on "Review study of factors affecting enhanced oil recovery with magnetic and non-magnetic nano particles"",Pawandeep Bagga ,Shivanjali Sharma on January 12-14,2017 at PEDJP 2017 AT IIT (ISM) Dhanbad
- "Cationic Copolymerbased Silicate Mud for Wellbore Stabilityin Shale Formation", Mukarram Beg, Shivanjali Sharma, APCEC-24-25th March 2017, RGIPT

Conference Organised:

- Organised first International Conference on "Advances in Petroleum,Chemical and Energy Challenges", APCEC-2017 on 24-25th March,2017 at RGIPT, JAIS.

B. Tech/M. Tech Guidance

- Guided B.Tech project of 6 students on the topic "Effect of Barite Concentration on stability of emulsion based drilling fluid"
- Guided one M.Tech student on the topic "Effect of local organic polymer & Zinc Titanate Nano-particle on properties of Water Based Drilling Fluid and development of new rheological model to describe drilling mud behaviour"

Dr. Saurabh Mishra

Associate Professor, English Literature

Paper/book published

Book Chapter

- Mishra S. 2016. Renewable Energy Awareness and Education in India. Current Sustainable Renewable Energy Reports. Springer. ISSN: 2196-3010.
- Mishra S. and P. Singh. 2016. Energy Sustainability Communications in A. Shukla, A. Sharma (ed) Energy Security and Sustainability, CRC Press, ISBN 9781498754439.

- Kar S. K, Sinha P. K and Mishra S. 2016. Sabarkantha Gas Limited: Challenges of Marketing Natural Gas. Asian Case Research Journal. Vol 20, Issue 01.World Scientific Publishing. Print ISSN: 0218-9275.Online ISSN: 1793-6772.
- Mishra S. 2016. The White Tiger- A Marvel of Imagery: An Analogical Audit. New Academia: An International Journal of English Language, Literature and Literary Theory. Volume V Issue II April 2016. ISSN 2347-2073.
- Singh. P, Mishra S. 2016. "Natural Laws and Deviations in Sexuality: The Role of Media", published in book titled Responsible Marketing for Sustainable Business. R.K Miryala and J.P Mennakkanti. Zenon Academic Publishing Hyderabad India. ISBN 978-93-85886-00-3.
- Mishra S. 2016. Psycho-Sexual Treatment of Taboo and CSA in Mahesh Dattani's –'Thirty Days in September' International Journal of English and Literature. Vol. 6, Issue 2, Apr 2016, 15-20. ISSN: 2249-8028.

Poetry published:

- Mishra S. 2016. Trance in Past, New Academia: An International Journal of English Language, Literature and Literary Theory, Volume V Issue II April 2016. ISSN 2347-2073.
- Mishra S. 2016. Time, New Academia: An International Journal of English Language, Literature and Literary Theory, Volume V Issue II April 2016. ISSN 2347-2073.

BOOK:

- Mishra S. 2016. "Constellations- A Sea of Emotions". Authors Press, New Delhi. ISBN 9789352073696.

Participation in conference/workshop/seminar

- I.C.S.S.R & U.G.C. sponsored National Seminar on Responsible Marketing for Sustainable Business, Mahatma Gandhi University, Nalgonda, Telangana, 2016.

Membership of any professional body

- Life Member, Comparative Literature Association of India (CLAI), New Delhi.
- Life Member ALL INDIA ASSOCIATION FOR ENGLISH STUDIES(I.A.E.S.)
- Associate Member, IIPA, New Delhi.
- Member, Muse India, Literary e journal.
- Member, Asia-Pacific Writing Partnership community.
- Member, The Global Association of English Studies.

Project (B. Tech.,M. Tech., Ph.D) guided

- Ms. Priyanka Singh

Any other information you like share

- FLOATED AND CONDUCTED NEW COURSE FOR Ph.D scholars course work- Technical Writing and Documentation Skills.

Dr. Sanjay Kumar Kar

Associate Professor &
Head - Department of Management Studies

Paper/book published:

- Kar, S. K. and Pathak, Y. (2017), 'Oil price fluctuations: The impact on major oil exporting countries in the Middle East', Oil & Gas Financial Journal-April 2017, p.36-39
- Kar, S. K. and Kumar, V. (2017), 'Winds of Change: The Agent for Green India' (2017) Energy Future, Volume- 5, Issue 3. pp. 12-21
- Kar, S. K. (2017), 'India's upstream needs independent regulator', Oil & Gas Journal, 6 February. pp.36-39.
- Kar, S. K. (2016), 'A Short Review of Wind Energy Progress in India', Current Sustainable Renewable Energy Rep, DOI 10.1007/s40518-016-0053-1
- Kar, S. K. and Vaid M. (2016), 'India advancing LNG projects to bridge gas supply gap', Oil & Gas Journal, October 2, Penn Well, The US.
- Kar, S. K. (2016), 'India's green energy; past, present and the future', South Asia Journal, summer, Issue: 17.
- Kar, S. K., Sharma, A. and Roy, B. (2016), 'Solar energy market developments in India', Renewable & Sustainable Energy Reviews, Vol.62, pp.121-133

Book Published

- Natural Gas Markets in India: Opportunities and Challenges, Edited by S. K. Kar and A. Gupta, Springer, Singapore, 2017

Book Chapters

- India's active engagement with natural gas: imperatives and challenges (with M. Vaid), Natural Gas Markets in India: Opportunities and Challenges, Edited by S. K. Kar and A. Gupta, Springer, Singapore, 2017
- A Comprehensive Review of City Gas Distribution in India (with S. K. Kudaisya) In: Natural Gas Markets in India: Opportunities and Challenges, Edited by S. K. Kar and A. Gupta, Springer, Singapore, 2017
- Building and Sustaining Natural Gas Business in India (with P. K. Sinha and B. Dholakia), In: Natural Gas Markets in India: Opportunities and Challenges, Edited by S. K. Kar and A. Gupta, Springer, Singapore, 2017
- Petroleum Exploration and Licensing Policy in India (with T. P. Rao), In: Natural Gas Markets in India: Opportunities and Challenges, Edited by S. K. Kar and A. Gupta, Springer, Singapore, 2017
- Downstream Petroleum and Natural Gas Regulatory Developments in India, In: Natural Gas Markets in India: Opportunities and Challenges, Edited by S. K. Kar and A. Gupta, Springer, Singapore, 2017

- Human Resource Challenges for Gas Sector in India (with A. Gupta) In: Natural Gas Markets in India: Opportunities and Challenges, Edited by S. K. Kar and A. Gupta, Springer, Singapore, 2017.
- Renewable Energy Financing in India, In: Energy Security and Sustainability (with A. Mishra, Edited by A. Shukla and A. Sharma, CRC Press/Taylor and Francis Group, USA 2017.

Participation in conference/workshop/seminar:

- Presented a paper "Green Energy Market in India: Role of Natural Gas and Renewables", 16th Global Energy Village Summit, Salzburg, Austria, 11-13 April 2016.

Short course conducted:

- Conducted a half-day program on "Overview of Business Scenario: Opportunities and Challenges for Power Sector" for Young Executive Association Representatives of NTPC, 21-23, March 2017, Manesar, Haryana, India.

Press/Web Article

- Modi's vision of a New India by 2022, South Asia Monitor, 21 March 2017
- Centre keen on solar push.,Telangana Today. 5 February 2017
- Did FM meet expectations of oil & gas Industry? 01 February 2017. ET Energy World
- What caused the oil price slump and how did it impact India? (With Yash Pathak) 27 January 2017. ET Energy World
- Union Budget 2017: Why the oil & gas sector needs urgent reforms? 17th January 2017, ET Energy World.
- India's energy supply security: prospects and challenges (with Prajit Goswami), 17th January 2017, Modern Diplomacy.
- How bullish is the outlook for oil & gas industry in 2017? 2nd January 2017, ET Energy World.
- Strong India-Japan ties: Crucial for developing Asia-Pacific region, South Asia Monitor, 1st Dec 2016.
- Clean Coal Technology in India: A potential solution to meet increasing energy needs, Modern Diplomacy, 10th November 2016.
- Trade vs terror: Time for China to choose, South Asia Monitor, 6th November 2016.
- China's commitment to sustainable development in Asia's interest, South Asia Monitor, 2nd October 2016.
- Indo-Iran Energy Diplomacy Moving Forward, Iran Review, 1st September 2016.
- India on the e-highway: Miles to go, but worth the try (With Manish Vaid), South Asia Monitor, 11th May 2016
- Gas reforms: Shot in the arm for CGD sector (With Manish Vaid), DNA, 14th April 2016.
- Importing liquefied natural gas (LNG) is the best alternative remedy for India's natural gas deficiency, Financial Express (With Manish Vaid), 12th April 2016.
- Solarization Movement: Solar Power Rising in South India, The Hans India, 8th April 2016.

Guest faculty/industry expert/dignitary invited by you/ department

- Mr Biswajit Roy, Director- HR & BD, Oil India Limited was invited to interact with MBA students
- Mr. Rajeev Mathur, MD, Mahanagar Gas Limited was invited to interact with MBA students

Membership of any professional body:

- American Marketing Association

Dr. Saroj Kumar Mishra

Assistant Professor–Marketing

Paper/book published: 1 Book Chapter

- Bansal, R., Kar, S. K., Mishra, S. K., "A Comparative Financial Performance Analysis: Study of Indian and Global Oil Companies", Oil, Gas & Energy Law Journal (OGEL) [ISSN: 1875-418X], April 2016.

Participation in conference/workshop/seminar:

- Srivastava, K. and Mishra, S. K., "Consumer Perception of Brand Personality Dimensions", Emerald Proceedings of Conference on Brand Management (CBM2016, a Refereed International Conference, ISBN: 9781786354112), 16-17 April 2016, IIT Delhi (in association with Curtin University, Australia).

Membership of any professional body

- Member: European Marketing Academy (EMAC)
- Life Member : Association of Indian Management Scholars (AIMS International)
- Editor: Journal of Advanced Research in Petroleum Technology & Management
- Editorial Review Board: Amity Journal of Marketing

Dr. Satish Kumar Sinha

Associate Professor- Geophysics

Paper/book published

- Sinha, S. K. and Sharma, A., 2016, Shale Gas in the Energy Basket, Energy Security and Sustainability, CRC Press, pp 233-254, DOI: 10.1201/9781315368047-10
- Singh, H. K., Chandrasekharam, D., Trupti, G., Mohite, P., Singh, B., Varun, C. and Sinha, S. K., 2016, Potential Geothermal Energy Resources of India: A Review, Current Sustainable/Renewable Energy Reports, 3(3), pp 80-91, DOI: 10.1007/s40518-016-0054-0
- Sinha, S. K., Sharma, A., Sain, K. and Dewangan, P., 2016, Impedance inversion of water column

reflectivity in Krishna-Godavari Basin, Bay of Bengal, SEG Technical Program Expanded Abstracts 2016, pp. 4936-4940, DOI: 10.1190/segam 2016-13955886.1

- Sinha, S. K., Dewangan, P., Sain, K., 2016, Acoustic reflections in the water column of Krishna-Godavari offshore basin, Bay of Bengal, The Journal of the Acoustical Society of America, 139(5), 2424, DOI: 10.1121/1.4947429
- Sinha, S. K., Dewangan, P., Sain, K., 2016, Estimation of Sea Surface Temperature (SST) Using Marine Seismic Data, Pure and Applied Geophysics, 173(4), pp 1305-1316, DOI: 10.1007/ s00024-015-1178-7
- Tiwari, L. K., Sinha, S. K., Saran, S., Tolpekin, V. A., and Raju, P. L. N., 2016, Forest Encroachment mapping in Baratang Island, India using maximum likelihood and support vector machine classifiers, Journal of Applied Remote Sensing, 10(1), 016016, DOI: 10.1117/1.JRS.10.016016

Participation in conference/workshop/seminar

- SEG international conference, Dallas, Texas, USA
- Keynote speech at International Conference on Petroleum Science and Technology (ICPST – 2016)

Short course conducted

- Short course on Wellbore Stability in Agartala for Tripura Asset of ONGC

Research project awarded with value of project

- Geothermal Energy – Rs. 19.20 lakhs as National PostDoc Fellowship

Conference/workshop/seminar organized in campus

- Research Scholars Day January 4 2017

Guest faculty/industry expert/dignitary invited by you/ department

- Dr. Anil Kumar, CEO of Omak Technologies USA visited RGIPT
- Dr. Kothanda Rama Pichaandi, Scientist from University of California, Santa Barbara
- Dr. Tanmoy Maitra from Stanford visited RGIPT

Award/recognition

- Inspired Teacher at Rashtrapati Bhavan

Membership of any professional body

- SEG, AAPG, SPE

Industrial tour

- Field trip to Dehradun

Project (B. Tech., M. Tech., Ph.D) guided

- PhD-1 (Mr. Laxmi Kant Tiwari)
- B. Tech. Project -2

Dr. Tushar Sharma

Assistant Professor- Petroleum Engineering

Paper/book published

- "1. R. Narukulla, U. Ojha, T. Sharma* (2017). Stable & re-dispersible polyacryloyl hydrazide-Ag nanocomposite Pickering emulsions.Soft Matter. In press.
- T. Sharma, J.S. Sangwai (2017). Silica nanofluids in polyacrylamide with and without surfactant: viscosity, surface tension, and interfacial tension with liquid paraffin. Journal of Petroleum Science and Engineering. 152: 575-585.
- R.R. Ujjwal, T. Sharma, J.S. Sangwai, U. Ojha (2017). Rheological investigation of a random copolymer of polyacrylamide and polyacryl hydrazide (PAM-ran-PAH) for oil recovery applications. Journal of Applied Polymer Science. 134: 44648.
- Sakthivel, S. Velusamy, V. C. Nair, T. Sharma, J.S. Sangwai (2017). Interfacial tension of crude oil-water system with imidazolium and lactam-based ionic liquids and their evaluation for enhanced oil recovery under high saline environment. Fuel. 191: 239-250.
- T. Sharma, S. Iglauer, J.S. Sangwai (2016). Silica nanofluids in an oilfield polymer polyacrylamide: interfacial properties, wettability alteration and applications for chemical enhanced oil recovery. Industrial & Engineering Chemistry Research. 55 (48): 12387-12397.

Participation in conference/workshop/seminar:

- Participated in International Conferences at ISM Dhanbad and RGIPT Jais and submitted followingofresearch articles from our research lab EOR
- Effects of Salinity and Temperature on a Surfactant polymer (SP) Solution for EOR Applications: IFT and Viscosity Measurements.
- Rishiraj Goswami, Tushar Sharma,Department of Petroleum Engineering, International APCEC Conference, 24-25 March, 2017, Jais, Uttar Pradesh.
- Experimental Investigations on Concentration, Dispersion Stability, and Rheological Behavior of a Polymer based Nanofluid Stabilized by SiO2 and TiO2 Nanoparticle and its Combinations.
- Ravi Shankar Kumar, Dr. Tushar Sharma,
- Department of Petroleum Engineering, International APCEC Conference, 24-25 March, 2017, Jais, Uttar Pradesh.
- Dried and Redispersible Pickering Emulsions Stabilized by Gallic Acid and Polymer Coated Nanoparticles for Transportation Processes.

- Ramesh Narukulla, Ravi Shankar Kumar, Rishiraj Goswami, Umaprasana Ojha, Tushar Sharma
- Department of Petroleum Engineering, International APCEC Conference, 24-25 March, 2017, Jais, Uttar Pradesh.
- Preparation of an Oil-In-Water (O/W) Emulsion Stabilized By Polymer Capped Ag-Nanoparticles For Transportation Processes.
- Ramesh Narukulla, Umaprasana Ojha, Tushar Sharma,
- Department of Petroleum Engineering, International PEDJP Conference, 12-14 Jan, Dhanbad, India.
- Nanofluid of an Oil Field Polymer Polyacrylamide (PAM) : Effects of Concentration, Dispersion Stability, and Nanoparticle Combination
- Ravi Shankar Kumar, Ramesh Narukulla, Tushar Sharma
- Department of Petroleum Engineering, International PEDJP Conference, 12-14 Jan, Dhanbad, India.
- Feasibility of Plasma Pulse Technology in Enhancing Productivity of the Oil Fields of Barmer, Rajasthan Basin, India
- Rishiraj Goswami, Ravi Shankar Kumar, Ramesh Narukulla, Tushar Sharma
- Department of Petroleum Engineering, International PEDJP Conference, 12-14 Jan, Dhanbad, India.

Conference Organised

- Lead Convener of International conference "Advances in Petroleum, Chemical, and Energy Challenges (APCEC)" March-2017, RGIPT Jais, Amethi, India.

Guest faculty/industry expert/dignitary invited by you/ department

- Eminent person from Schlumberger India was invited for the talk on Sub Basalt Exploration: India's need, its challenges and value addition by unconventional imaging approach, 28th October, 2016.

Award/recognition

- Faulty advisor for SPE student RGIPT chapter and received Gold Standard designation award for 2017, in recognition of its exceptional programs in industry engagement, operations and planning, community involvement, professional development and innovation.

Membership of any professional body

- SPE Membership-3434114

Membership of any professional body

- M. Tech. (Petroleum Engineering):
  Mr. Rishiraj Goswami (2016-2017). Effect of Ionic Strength on Crude Emulsification and EOR Potential of Micellar Flood for Oil Recovery
  Applications in High Saline Environment.
  Guide: Dr. Tushar Sharma
  Employment: PhD scholar at IIT Madras in Petroleum Engineering
- B. Tech. (Petroleum Engineering):
  Guided 8 students on various topics in Petroleum Engineering

Dr. Milan Kumar

Assistant Professor- Chemical Engineering

1. Paper/book published:

- M. Kumar, "Quantum Mechanical Investigation of Proton Transport in Imidazolium Methanesulfonate Ionic Liquid", JPC C.

2. Participation in conference/workshop/seminar:

- Attended a seminar on "Smart refineries" held at Delhi on 23/04/2016. Attended an international conference held at RGIPT Jais.

3. Research project awarded with value of project:

- One DST project (Rs. 21.58 Lacs) is in progress.

4. Membership of any professional body: AICHE

- 5. Project (B. Tech., M. Tech., Ph.D) guided: 2 B.Tech. projects, 1 M.Tech project completed. One PhD project is in progress

6. Any other Information:

- Visited IISER Pune for 18 days (23/6/2016-10/7/2016) towards collaborated research work. Paper published is from that work. Reviewed one manuscript. Designed one course "Electrochemical processes and energy systems

अध्याय 11

प्रशासनिक अधिकारी व कर्मचारी

श्री रघुनाथ भट्टाचार्य
उप कुलसचिव

श्री जितेन्द्र प्रसाद
कॉरपोरेट कम्युनिकेशन अधिकारी

श्री हरीश कुमार यादव
अधिशाषी अभियन्ता (सिविल)

श्री अनिल कुमार वर्मा
सिस्टम एवं नेटवर्क प्रशासक

श्री सुधीर अरोड़ा
भण्डार एवं क्रय अधिकारी

श्री अरूण कुमार सिंह
सहायक कुलसचिव

श्री राकेश सिंह
सहायक कुलसचिव

श्री मो० इल्ताफ जफर
वरिष्ठ तकनीकी अधीक्षक

श्री दीपक अस्थाना
कनिष्ठ तकनीकी अधीक्षक

श्री धर्मेन्द्र प्रताप सिंह
शारीरिक अनुदेशक

श्री लोकश भटनागर
सहायक (आई०टी०)

श्री अरूण कुमार सिंह
कनिष्ठ तकनीकी अधीक्षक

श्रीमती मधुप्रिया
कनिष्ठ अधीक्षक

श्री उमेश कुमार शर्मा
कनिष्ठ अधीक्षक

श्री तेज प्रकाश जोशी
कनिष्ठ अधीक्षक

श्री योगेश शर्मा
कनिष्ठ सहायक

श्री अश्विनी कुमार चौधरी
कनिष्ठ सहायक (सिस्टम)

श्री विवेक सिंह
कनिष्ठ सहायक

श्री अशोक कुमार
कनिष्ठ मेकैनिक

श्री अमित कुमार बाजपेयी
कनिष्ठ सहायक

प्रीति सिंह
कनिष्ठ सहायक

श्री उमेश कुमार शर्मा
कनिष्ठ सहायक

श्री गोविन्द कुमार तिवारी
कनिष्ठ पुस्तकालय एवं सूचना सहायक

प्रदीप कुमार वर्मा
कनिष्ठ पुस्तकालय व सूचना सहायक

कृष्ण कुमार सोनकर
कनिष्ठ पुस्तकालय व सूचना सहायक

श्री नारायण कुमार लेंगे
कनिष्ठ प्रशासनिक अधिकारी

श्री अंकित मोहन
कनिष्ठ प्रशासनिक अधिकारी

श्वेता नेगी
निजी सचिव

शिखा मल्होत्रा
लेखा अधिकारी

श्री कृष्ण कुमार सिन्हा
लेखाकार

हीरा नंद मिश्रा
सुपरवाइजर- छात्रावास

अध्याय 12

वर्ष 2016–17 का अंकेक्षित वित्तीय प्रतिवेदन

वर्श 2016–17 का लेखा

आरजीआईपीटी के वर्ष 2016–17 का अंकेक्षित लेखा अनुसूची-1 में अनुलग्न की गई है। लेखा के मुख्य बिन्दु निम्नलिखित हैं:-

1. धनराशि/पूंजीगत निधि (तुलन-पत्र में अनुसूची-1)

जायस

34734.00 लाख रुपये के कॉर्पस निधि (जिसमें 25000.00 लाख रुपये सार्वजनिक क्षेत्र की तेल कंपनियों एवं ब्याज के रूप में प्राप्त राशि है) को बैंकों में सावधि जमा के रूप में निवेश किया गया। इन सावधि जमा से प्राप्त ब्याजों का उपयोग संस्थान के आवर्ती खर्चों को पूरा करने में किया जाता है जबकि शेष राशि को पुन: निवेश किया जाता है।

असम

21137.00 लाख रुपये के कॉर्पस निधि (जिसमें 17783.00 लाख रुपये सार्वजनिक क्षेत्र की तेल कम्पनियों द्वारा एवं ब्याज से प्राप्त हुई धनराशि भी सम्मिलित हैं) को बैंकों के सावधि जमा में निवेश किया गया है। इस निधि से प्राप्त ब्याज आय को आवर्ती खर्च के लिए उपयोग किया जाता है और अधिशेष नियमित आधार पर पुनर्निवेश किया जाता है।

वर्ष के अंत में, व्यय के उपरांत बचे राशि को बैंकों में सावधि जमा खातों में निवेश किया गया। गैर-व्यापार योग्य सरकारी प्रतिभूतियों को निम्न तरीके से वापस कॉर्पस निधियों में रखा गया है-

	जायस (लाख रुपये में)	असम (लाख रुपये में)
आय एवं व्यय खाता 2016–17	850.00	173.00

पूंजीगत व्यय के लिए निधि

भारत सरकार एवं ओआईडीबी/सार्वजनिक क्षेत्र के उपक्रमों से 31 मार्च 2017 तक प्राप्त अनुदान एवं पूंजीगत निधि की स्थिति निम्नानुसार है:

अ. जायस/रायबरेली परिसर:

- भारत सरकार से 2016–17 तक 13400.00 लाख रुपये की निधि प्राप्त हुई। जबकि वर्ष 2016–17 के दौरान 10000.00 लाख रुपये प्राप्त हुई।
- 31 मार्च 2017 तक ओआईडीबी से प्राप्त राशि 256.62 लाख रुपये रही। वर्ष 2015–16 के दौरान 2064.00 लाख रुपये प्राप्त हुई।

ब. असम केन्द्र

सार्वजनिक क्षेत्र के उपक्रमों एवं ओआईडीबी से 31 मार्च 2017 तक प्राप्त कुल पूंजीगत राशि 5371.00 लाख रुपये रही।

2. संचय और अधिषेश (तुलन-पत्र में अनुसूची-2)

सामान्य संचय

वर्ष के दौरान 31 मार्च 2017 तक 69.00 लाख रुपये की राशि, व्यय की तुलना में आय अधिक होने के कारण सामान्य संचय में जमा की गई।

मूल्यह्रास निधि

आने वाले समय में संपत्ति के प्रतिस्थापन के लिए उपयुक्त वित्तीय सुविधा उपलब्ध कराने के उद्देश्य से वर्ष 2011–12 में एक निधि बनाई गई थी जिसमें आय व व्यय खाते से मूल्यह्रास लागत हस्तांतरित की जाती है। मूल्यह्रास खाते में कुल जमा व निवेश से प्राप्त ब्याज की कुल राशि, वर्ष के अंत में 2242.00 लाख रुपये रहा।

3. निर्धारित निधि (तुलनपत्र में अनुसूची-3)

31 मार्च 2017 को शेष 34.97 लाख रुपये की निर्धारित निधि, छात्रवृत्ति निधि से वर्ष के दौरान २9.46 लाख रुपये वितरण के बाद बची राशि को प्रदर्शित करता है।

4. विलम्बित साख दायित्व (तुलनपत्र में अनुसूची-4)

31 मार्च 2017 को शेष बचे 56.27 लाख रुपये की निधि, विज्ञान व प्रौद्योगिकी विभाग, सर्ब, परमाणु उर्जा विभाग आदि संगठनों से प्राप्त, शोध परियोजना अनुदान को प्रदर्शित करता है जिसका भविष्य में उपयोग किया जाना है।

5. चालू देयताएं एवं उसका प्रावधान (तुलनपत्र में अनुसूची-5)

1. 31 मार्च 2017 को 19.82 लाख रुपये, बकाया बिलों की देनदारी को प्रदर्शित करता है।
2. 121.58 लाख रुपये की देनदारी वर्ष 2016-17 में मार्च 2017 के लिए देय वैधानिक बकाया है
3. 262.00 लाख रुपये वापस किये जाने योग्य बयाना राशि (ईएमडी), सुरक्षा जमा राशि, प्रतिधारण धन, छात्र/भूतपूर्व छात्र कल्याण निधि के शामिल हैं।
4. वास्तविक मूल्यांकन के आधार पर चालू वर्ष के खातों में सेवानिवृत्ति लाभों के प्रावधान के लिए ग्रेच्युटी नकदीकरण के लिए 143.33 लाख रूपये को प्रावधान किया गया है।
5. वर्ष 2016-17 के दौरान 2677.00 लाख रुपये का प्रावधान भवन निर्माण एवं पीएमसी शुल्क के भुगतान के लिए किया गया। इसके अतिरिक्त, 83.39 लाख रुपये का प्रावधान मेसर्स तेजवीर सिंह के साथ चल रहे निविदा संबंधी विवाद को देखते हुए पंच द्वारा दिये जानेवाले निर्णय के लिए किया गया।

6. स्थायी सम्पत्तियां (तुलनपत्र में अनुसूची-6)

वर्तमान वर्ष के दौरान जायस कैम्पस परियोजना के पूँजीकरण के कारण 41400.00 लाख रुपये का स्थायी संपत्ति जोड़े गये, जो 7 अक्तूबर 2016 को पूर्ण हुआ एवं आरजीआईपीटी को सौंपा गया। इस संपत्ति में भवन, प्लांट व मशीनरी, फर्निचर, भवन प्रबंधन प्रणाली, इलेक्ट्रिकल उपकरण व अन्य संपदा शामिल हैं। इस स्थायी संपत्ति की कुल जोड़ भूमि सहित 43587.00 लाख रुपये रहा। जबकि वर्ष के दौरान मूल्यह्रास की 854.00 लाख रुपये की राशि घटाने के बाद स्थायी संपत्ति का मूल्य 41770.00 रहा।

7. कार्यशील पूंजी (तुलनपत्र में अनुसूची-6)

31 मार्च 2017 तक जारी पूँजीगत कार्यों के मद में 326.00 लाख रुपये खर्च किये गये जो असम कैम्पस परियोजना के लिए किया गया।

8. निवेश (तुलनपत्र अनुसूची 7 और 8)

निर्धारित निधि से 24.00 लाख रुपये का निवेश, शेवरान से छात्रवृत्ति के लिए प्राप्त निधि को प्रदर्शित करता है।

9. चालू सम्पत्तियां व ऋण तथा अग्रिम (तुलन पत्र में अनुसूची 9)

31 मार्च 2017 को 772.71 लाख रुपये के बैंक शेष में निम्नलिखित राशि शामिल है-

अ. विभिन्न बैंको में सावधि जमा में रखे 603.51 लाख रुपये

ब. ऋण और अग्रिम में शामिल हैं:

- निवेष से ब्याज के रूप में प्राप्त 1506.00 लाख रुपये की राशि
- मेसर्स एनसीसी लिमिटेड (कॉन्ट्रैक्टर) के बिल से प्राप्य योग्य 1531.00 लाख रुपये

10. आय (अनुसूची 10, 11 व 12)

कुल 5201.00 लाख रुपये की आय, जिसमें सावधि जमाओं से ब्याज के रूप में प्राप्त 3854.00 लाख रुपये (1506.00 लाख रुपये का जमा ब्याज सहित) एवं छात्रों से शुल्क और आवेदन शुल्क के रूप में प्राप्त 454.00 लाख रुपये शामिल हैं।

11. व्यय (अनुसूची 13, 14 व 15)

चालू वर्ष एवं पिछले वर्ष के मुख्य मदवार व्यय को अनुसूची 13, 14 व 15 में दिखाया गया है व उसका सार नीचे तालिका में दिखाया गया हैं:

अनुसूची संख्या	व्यय	2014–15 (लाख रुपये में)	2015–16 (लाख रुपये में)
13	शैक्षिक	609.00	540.00
14	स्थापना	767.00	875.00
15	अन्य प्रशासनिक	629.00	978.00
कुल		2005.00	2393.00

12. लेखा पर अंकेक्षण प्रतिवेदन

संस्थान के वित्तीय समिति और संचालक मंडल ने 30 नवंबर 2017 को हुई बैठक में वित्तीय वर्ष 2016–17 के लेखा एवं मुख्य निदेशक, वाणिज्यिक अंकेक्षण व पदेन सदस्य, अंकेक्षण मंडल-2, नई दिल्ली द्वारा दिये गये अंकेक्षण प्रतिवेदन को स्वीकृति प्रदान की। मुख्य निदेशक, वाणिज्यिक अंकेक्षण व पदेन सदस्य, अंकेक्षण मंडल-2, नई दिल्ली के कार्यालय से प्राप्त प्रतिवेदन अंकेक्षण प्रतिवेदन संख्या- MAB-II/RGIPT/17-4/2017-18/229 360, दिनांक 31 अक्तूबर 2017 को अनुलग्नक-2 के रूप में प्रस्तुत किया गया है।

वित्तीय वर्ष 2016–17 के अंकेक्षण प्रतिवेदन में किसी प्रकार की प्रतिकूल टिप्पणी नहीं की गई है।

अनुसूची –I

वित्तीय वर्ष 2016–17 का लेखा

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY
RAE BARELI

विद्यारत्नम् महद्धनम्

ACCOUNTS
FOR THE FINANCIAL YEAR 2016-17

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY
RAE BARELI

ACCOUNTS FOR THE FINANCIAL YEAR 2016-17

1. BALANCE SHEET AS ON 31ST MARCH 2017

2. INCOME AND EXPENDITURE ACCOUNT FOR YEAR ENDED 31ST MARCH 2017

3. RECEIPT & PAYMENT ACCOUNT FOR YEAR ENDED 31ST MARCH 2017

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, RAE BARELI
BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

CORPUS/ CAPITAL FUND AND LIABILITIES	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
CORPUS /CAPITAL FUND	1	11,24,48,54,764.41	8,91,44,05,561.41
RESERVES AND SURPLUS	2	77,24,15,607.68	87,75,06,225.50
EARMARKED / ENDOWMENT FUNDS	3	34,97,490.38	38,88,053.38
SECURED LOANS AND BORROWINGS		-	-
UNSECURED LOANS AND BORROWINGS		-	-
DEFERRED CREDIT LIABILITIES	4	56,27,359.75	76,56,123.75
CURRENT LIABLITITES AND PROVISIONS	5	53,84,50,878.00	59,74,75,548.00
TOTAL		12,56,48,46,100.22	10,40,09,31,512.04
ASSETS			
FIXED ASSETS	6	4,44,13,11,063.55	3,55,35,16,390.55
INVESTMENTS- FROM EARMARKED/ENDOWMENT FUNDS	7	24,00,000.00	24,00,000.00
INVESTMENTS-OTHERS	8	-	6,00,00,000.00
CURRENT ASSETS, LOANS, ADVANCES ETC.	9	8,12,11,35,036.67	6,78,50,15,121.49
MISCELLANEOUS EXPENDITURE (to the extent not written off or adjusted)		0.00	0.00
TOTAL		12,56,48,46,100.22	10,40,09,31,512.04
SIGNIFICANT ACCOUNTING POLICIES	17	Enclosed	
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	18	Enclosed	

ACTING REGISTRAR | HEAD FINANCE | DIRECTOR | PRESIDENT

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, RAE BARELI

INCOME AND EXPENDITURE FOR THE PERIOD/YEAR ENDED 31ST MARCH'2017

AMOUNT (₹)

INCOME	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
INCOME FROM SALES/SERVICE		0.00	0.00
GRANTS/SUBSIDIES		0.00	0.00
FEES/SUBSCRIPTIONS	10	4,54,10,621.00	4,79,98,366.00
INCOME FROM INVESTMENTS (Income on invest. From earmarked/endow. funds transferred to funds)			
INCOME FROM ROYALTY, PUBLICATION ETC.		0.00	0.00
INTEREST EARNED	11	38,54,92,782.00	47,68,95,453.45
OTHER INCOME	12	37,56,834.50	32,39,692.00
DEFFERED REVENUE INCOME (TRANSFERRED FROM CAPITAL FUND - DEPRECIATION)		8,54,40,222.00	1,72,43,382.00
TOTAL - (A)		52,01,00,459.50	54,53,76,893.45
EXPENDITURE			
ACADEMIC EXPENSES	13	5,39,98,251.00	6,08,72,997.00
ESTABLISHMENT EXPENSES	14	8,75,23,521.00	7,67,24,791.00
OTHER ADMINISTRATIVE EXPENSES	15	9,78,09,291.32	6,29,01,584.63
EXPENDITURE ON GRANTS, SUBSIDIES ETC.		0.00	0.00
PROVISION FOR DOUBTFUL DEBTS		0.00	3,72,500.00
PRELIMINARY EXPENSES WRITTEN OFF		0.00	0.00
DEPRECIATION (Net Total at the year end - corresponding to Schedule - 6)		8,54,40,222.00	1,72,43,382.00
TOTAL - (B)		32,47,71,285.32	21,81,15,254.63
BALANCE BEING EXCESS OF INCOME OVER EXPENDITURE FOR THE YEAR C = (A-B)		19,53,29,174.18	32,72,61,638.82
ADD (LESS) : PRIOR PERIOD ADJUSTMENT (NET) (D)	16	-6,84,112.00	66,47,628.00
NET EXCESS OF INCOME OVER EXPENDITURE (C-D)		19,46,45,062.18	33,39,09,266.82
TRANSFER TO DEPRECIATION FUND		8,54,40,222.00	1,72,43,382.00
TRANSFER TO (FROM) CORPUS FUND RAEBARELI		8,49,81,625.00	(20,90,85,113.00)
TRANSFER TO CORPUS FUND ASSAM		1,73,34,164.00	31,81,29,584.00
TRANSFER TO GENERAL RESERVE		68,89,051.18	20,76,21,413.82
BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO CORPUS/CAPITAL FUND		0.00	0.00
SIGNIFICANT ACCOUNTING POLICIES	17	Enclosed	
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	18	Enclosed	

ACTING REGISTRAR | HEAD FINANCE | DIRECTOR | PRESIDENT

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, RAEBARELI

RECEIPT AND PAYMENT ACCOUNT FOR THE YEAR ENDED 31ST MARCH'2017

AMOUNT (₹)

PREVIOUS YEAR	RECEIPTS	AMOUNT (Rs.)	AMOUNT (Rs.)	PREVIOUS YEAR	PAYMENTS	AMOUNT (Rs.)	AMOUNT (Rs.)
	OPENING BALANCES				**EXPENSES**		
	WITH SCHEDULED BANKS						
	IN SAVING ACCOUNTS			55801662.00	Academic Expenses	48011670.00	
3552714.11	ICICI Bank - 000701260248	904280.11		72598948.00	Establishment Expenses	81667797.00	
3004505.62	HDFC Bank - 00031110004499	3355082.94		59709913.32	Administrative Expenses	80406264.18	
337076958.48	Corporation Bank - 027022	393658568.48		302405.00	Prior Period Expenditure	165660.00	210251391.18
96416.00	ICICI Bank - 000701258840	101300.00					
1865799.29	ICICI Bank - 034301002171	3117207.29			**REFUNDS/OTHER PAYMENTS**		
291942.17	HDFC Bank (FCRA) - 00031170000095	303761.17		1687054.00	Previous Year Statutory Dues	13755744.00	
952126.88	ICICI Bank - RBL - 000701262942	1999307.88		3410518.25	Utilization Of Research Grants	9117478.00	
6530358.00	State Bank of India - 31936731040	8555464.75		584000.00	Security Deposit Students	402000.00	
34525757.50	Andhra Bank - 008410100014268	36453877.00		76348.00	Payment Against Stale Cheques	33544.00	
0.00	Allahabad Bank - 50327100399	190000000.00		27500293.00	Mobilization Interest to OIDB	0.00	
3818592.82	Allahabad Bank - 50192401170	19768740.85		1233390.00	Scholorship Paid	2322678.00	
3415838.00	Andhra Bank - 008410100027721	98011393.00		900.00	Alumni Fund	0.00	
25000.00	State Bank of India -3478552906-2	34370.00		600.00	Student Welfare Fund	0.00	
46006513.88	Bank OF Baroda - 37350100004760	31800526.88		450000.00	Refund to IIEP	231797864.00	
		787163880.35		157469.00	Research Grant Refunded	386469.00	257815777.00
	WITH SCHEDULED BANKS						
5194589222.00	**IN DEPOSIT ACCOUNTS**	5341023369.00	6128187249.35		**REFUNDABLE PAYMENTS**		
	FDR with HDFC		2400000.00	255500.00	Security - Deposit Paid (Others)	219609.00	
				0.00	Retention Money Refunded	15811754.00	
				0.00	RTI Fees Refunded	70.00	
				2262.00	Excess deduted by BOB	0.00	
	GRANTS RECEIVED			142540.00	Earnest Money Refund	14500.00	16045933.00
206400000.00	Capital Fund From OIDB	1000000000.00					
7603233.00	Research Grants	8149008.00			**ADVANCES**		
480000000.00	Budgetory Support from GOI	1000000000.00		411113.00	Advane for Patent	0.00	
1181290.00	Scholorship Grant	2325074.00	2010474082.00	13070.00	CWIP Fixed Assets	0.00	
				0.00	Advance for Activity	300000.00	
	MISC. RECEIPTS ON A/C OF CAPITAL FUND			0.00	IIT JEE Fees Advance	450000.00	
5432972.00	Interest On Fdr - Capital Fund Rbl	13461510.00		124960.00	Advance To Staff	121456.00	871456.00
26902092.47	Intt.On Fdr -Capital Fund (Assam)	26191823.00					
1212523.00	Intt.On Fdr -Capital Fund (Oidb)	36506929.00			**FIXED ASSETS**		
16684283.00	Intt.On Fdr -Depreciation Fund	2010509.00		549665702.00	Cwip Jais	422783115.00	
222458.00	Intt.On Fdr -Earmarked Endowment Fund	145668.00		2794297.00	Cwip Assam	3187199.00	
221964.00	Interest On Scholarship Grant	231041.00	78547480.00	0.00	Fixed Assets NOIDA	17100.00	
				8589528.00	Fixed Assets Rbl	7515838.00	433503252.00
	REFUNDABLE/ TRANSFERABLE RECEIPTS						
235000000.00	Received on behalf of IIEP	1768107.00		396014091.00	**PAYMENTS AGAINST P.Y. LIABILITY**		181003288.00
225141.00	Liability Against Stale Cheques	191059.00					
438000.00	Security Deposit From Students	618000.00					
14400.00	Student Welfare Fund	14800.00					
4057917.00	Security Deposit Others	450280.00					
97600.00	Alumni Fund	81000.00					
186600.00	Earnest Money Received	226600.00	3349846.00				

Contd....2

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, RAEBARELI

RECEIPT AND PAYMENT ACCOUNT FOR THE YEAR ENDED 31ST MARCH'2017

AMOUNT (₹)

PREVIOUS YEAR	RECEIPTS	AMOUNT (Rs.)	AMOUNT (Rs.)	PREVIOUS YEAR	PAYMENTS	AMOUNT (Rs.)	AMOUNT (Rs.)
	REFUNDS				RECEIVED CHEQUES BOUNCED/REFUND		
				52000.00	Fees Refunded	0.00	
579462.00	Academic Expenses	18160.00		0.00	Other Income	15730.00	15730.00
915101.14	Administrative	14400.00					
867504.00	Establishment Expenses	140517.00			CLOSING BALANCES		
0.00	Refund from UPSIDC	14350030.00			WITH SCHEDULED BANKS		
207456.00	P.Y. Dues/Debtors/Cheques in Hand	10856595.00			IN SAVING ACCOUNTS		
0.00	GOI Bond Matured	60000000.00	85379702.00	904280.11	ICICI Bank - 000701260248	1134292.11	
				190000000.00	Allahabad Bank - 50327100399	2596.00	
				19768740.85	Allahabad Bank - 50192401170	40397207.85	
	INCOMES			98011393.00	Andhra Bank - 008410100027721	1034348134.00	
47208968.00	Fees Received	46130721.00		3355082.94	HDFC Bank - 00031110004499	6649059.94	
1012000.00	Executive Devlopment Course Fees	80000.00		393658568.48	Corporation Bank - 027022	395827324.48	
634205879.56	Interest From Bank/Bond	473518465.00		31600526.88	Bank OF Baroda - 37350100004760	2041593.78	
35748.00	Prior Period Income	38440.00		101300.00	ICICI Bank - 000701258840	105424.00	
1101456.00	Other Income	947074.50	520714700.50	3117207.29	ICICI Bank - 034301002171	12959169.29	
				303781.17	HDFC Bank (FCRA) - 00031170000095	316070.17	
				1099307.88	ICICI Bank - RBL - 000701262942	417640.88	
				6555464.75	State Bank of India - 31936731040	7716082.25	
				36453877.00	Andhra Bank - 008410100014268	185253689.00	
				34370.00	State Bank of India -3478552906-2	4863981.92	
						1692032285.67	
					WITH SCHEDULED BANKS		
				5341023369.00	IN DEPOSIT ACCOUNTS	6037513947.00	7729546232.67
	CONTRA ITEMS				CONTRA ITEMS		
1201236.00	Imprest Cash	956729.00		1201236.00	Imprest Cash	956729.00	
161714031.00	Bank To Bank Transfer	33470038.00		161714031.00	Bank To Bank Transfer	33470038.00	
2797708.00	Cancelled Cheques	4780102.00		2797708.00	Cancelled Cheques	4780102.00	
1176620.00	Advance Others	3428028.00	42636897.00	1176620.00	Advance Others	3428028.00	42636897.00
7476655407.92	TOTAL		8871689956.85	7476655407.92	TOTAL		8871689956.85

ACTING REGISTRAR | HEAD FINANCE | DIRECTOR | PRESIDENT

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY
RAE BARELI

ACCOUNTS FOR THE FINANCIAL YEAR 2016-17

SCHEDULES FORMING PART OF BALANCE SHEET AND INCOME & EXPENDITURE ACCOUNT

1. SCHEDULE - 1 - CORPUS / CAPITAL FUND
2. SCHEDULE - 2 - RESERVES AND SURPLUS
3. SCHEDULE - 3 - EARMARKED / ENDOWMENT FUNDS
4. SCHEDULE - 4 - DEFERRED CREDIT LIABILITIES
5. SCHEDULE - 5 - CURRENT LIABILITIES AND PROVISIONS
6. SCHEDULE - 6 - FIXED ASSETS
7. SCHEDULE - 7- INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS
8. SCHEDULE - 8 - INVESTMENTS – OTHERS
9. SCHEDULE - 9 - CURRENT ASSETS, LOANS, ADVANCES ETC.
10. SCHEDULE - 10 - FEES/SUBSCRIPTIONS
11. SCHEDULE - 11 - INTEREST EARNED
12. SCHEDULE - 12 - OTHER INCOME
13. SCHEDULE - 13 - ACADEMIC EXPENSES
14. SCHEDULE - 14 - ESTABLISHMENT EXPENSES
15. SCHEDULE - 15 - OTHER ADMINISTRATIVE EXPENSES
16. SCHEDULE - 16 - PRIOR PERIOD ADJUSTMENT
17. SCHEDULE - 17 - SIGNIFICANT ACCOUNTING POLICIES
18. SCHEDULE - 18 - NOTES ON ACCOUNTS AND CONTINGENT LIABILITIES

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 1 - CORPUS / CAPITAL FUND	CURRENT YEAR		PREVIOUS YEAR	
CAPITAL FUND - RAE BARELI				
Government of India Budgetary Support				
Balance as at the beginning of the year	1,77,22,18,180.00		97,55,10,519.00	
Add : Other Income (Sale of Tree) & Donated Assets	0.00		1,681.00	
	1,77,22,18,180.00		97,55,12,200.00	
Add : Contribution during the year	1,00,00,00,000.00		48,00,00,000.00	
Add : Endowment Fund withdrawn against Budgetory Support	0.00		31,11,20,043.00	
	2,77,22,18,180.00		**1,76,66,32,243.00**	
Less: Previous Year Recoverable Adjusted	31,11,20,043.00		0.00	
	2,46,10,98,137.00		**1,76,66,32,243.00**	
Add : PRS Applied on Work Contract	31,33,51,873.00		0.00	
	2,77,44,50,010.00		**1,76,66,32,243.00**	
Add : Interest for the year from Bank	1,24,26,062.00	2,78,68,76,072.00	55,85,937.00	1,77,22,18,180.00
Capital Grant from Oil Industry Development Board				
Balance as at the beginning of the year	1,30,19,28,617.00		1,29,43,16,094.00	
Add : Transferred from OIDB Assam Capital Fund & Preliminary Expenses Fund	0.00		0.00	
Add : Contribution during the year	1,00,00,00,000.00		20,64,00,000.00	
Add : Interest for the year from Bank	6,42,92,479.00	2,56,62,21,096.00	12,12,523.00	1,30,19,28,617.00
CAPITAL FUND - ASSAM				
Balance as at the beginning of the year	51,15,68,268.00		48,26,66,175.53	
Less : Transferred to Capital Fund OIDB Raibareli	0.00		0.00	
	51,15,68,268.00		**48,26,66,175.53**	
Receipts from Oil PSU's during the year	0.00		0.00	
	51,15,68,268.00		48,26,66,175.53	
Add : Interest from Bank	2,55,38,152.00	53,71,06,420.00	2,89,02,092.47	51,15,68,268.00
TOTAL CAPITAL FUND		**5,89,02,03,588.00**		3,78,57,15,065.00
Less : Capital Fund Adjustment - Assam (Cost of Land & Depreciation)				
Up to previous year	64,76,996.00		64,00,610.00	
During the current year	68,072.00		76,386.00	
On account of prior year	0.00		0.00	
	65,45,068.00		**64,76,996.00**	
Less : Capital Fund Adjustment - Raebareli (Cost of Land & Depreciation)				
Up to previous year	14,05,96,134.59		12,34,29,138.59	
During the current year	8,53,72,150.00		1,71,66,996.00	
On account of prior year	0.00		0.00	
	22,59,68,284.59	23,25,13,352.59	**14,05,96,134.59**	14,70,73,130.59
		5,65,76,90,235.41		3,63,86,41,934.41
CORPUS FUND				
ASSAM CENTRE				
Balance as at the beginning of the year	2,09,63,90,984.00		1,77,82,61,400.00	
Add : Contribution during the year	0.00	2,09,63,90,984.00	0.00	1,77,82,61,400.00
Add : Surplus Interest up to 2013-14	0.00		0.00	
Add : Trfd. from Income & Expenditure	1,73,34,164.00	1,73,34,164.00	31,81,29,584.00	31,81,29,584.00
		2,11,37,25,148.00		2,09,63,90,984.00

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 1 - CORPUS / CAPITAL FUND	CURRENT YEAR		PREVIOUS YEAR	
RAE BARELI CENTRE				
Balance as at the beginning of the year				
Fund Balance	2,50,00,00,000.00		2,50,00,00,000.00	
Surplus Interest	49,77,70,577.00		70,68,55,690.00	
Add P.Y. Adjustment - Amount wrongly debited to Corpus Fund	20,90,85,113.00			
Excess of Income over Expenditure	18,16,02,066.00		18,16,02,066.00	
	3,38,84,57,756.00		3,38,84,57,756.00	
Add : Contributions received during the year				
Bharat Petroleum Corporation Limited	0.00		0.00	
Gas Authority of India Limited	0.00		0.00	
Hindustan Petroleum Corporation Limited	0.00		0.00	
Indian Oil Corporation Limited	0.00		0.00	
Oil India Limited	0.00		0.00	
Oil and Natural Gas Corporation Limited	0.00		0.00	
	3,38,84,57,756.00		3,38,84,57,756.00	
Add : Surplus Funds Allocated				
Surplus Interest (Interest Utilized)	-		(20,90,85,113.00)	
Add . Trfd from Income & Expenditure	8,49,81,625.00	3,47,34,39,381.00	-	3,17,93,72,643.00
BALANCE AS AT THE YEAR END		11,24,48,54,764.41		8,91,44,85,561.41

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FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 2 - RESERVES AND SURPLUS	CURRENT YEAR		PREVIOUS YEAR	
1. CAPITAL RESERVE				
As per last account	5,08,00,831.59		5,08,00,831.59	
Addition during the year	0.00		0.00	
Less : Deductions during the year	0.00	5,08,00,831.59	0.00	5,08,00,831.59
2. REVALUATION RESERVE				
As per last account	0.00		0.00	
Addition during the year	0.00		0.00	
Less : Deductions during the year	0.00	0.00	0.00	0.00
3. DEPRECIATION FUND				
As per last account	12,71,25,550.00		9,31,97,885.00	
Add : Prior period Adjustment (P.Y.Depreciation adjusted)	4,59,240.00		0.00	
	12,75,80,790.00		9,31,97,885.00	
Addition during the year - (Transfer from Income & Expenditure A/c)	8,54,40,222.00		1,72,43,382.00	
	21,30,21,012.00		11,04,41,267.00	
Add : Interest Earned on Investment of Fund during the year	1,12,09,982.00	22,42,30,994.00	1,66,84,283.00	12,71,25,550.00
4. GENERAL RESERVE				
As per last account	69,95,79,843.91		49,19,58,430.09	
Less: Amount wrongly transferred to Corpus Fund RBL in P.Y. now reversed	20,90,85,113.00		0.00	
	49,04,94,730.91		49,19,58,430.09	
Addition during the year (Excess of Income over Expenditure)	68,89,051.18		20,76,21,413.82	
	49,73,83,782.09		69,95,79,843.91	
Less : Surplus interest up to 2012-13 invested in FDR's Trfd. to Corpus Fund Assam	0.00		0.00	
Less : Surplus interest up to 2012-13 invested in FDR's Trfd. to Corpus Fund Raebareli	0.00	49,73,83,782.09	0.00	69,95,79,843.91
BALANCE AS AT THE YEAR END		**72,24,15,697.68**		**87,75,04,225.59**

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 3 - EARMARKED / ENDOWMENT FUNDS	CURRENT YEAR		PREVIOUS YEAR	
SCHOLARSHIP GRANT				
a) Opening Balance of the Funds		38,88,053.38		37,29,695.38
b) Additions to Funds				
i. Donations/Grants				
SERB	95,758.00		0.00	
Zila Kalyan Karyalaya - Saran	3,68,040.00		0.00	
ONGC/National Input Nigam	60,000.00		0.00	
Social Welfare Board Raebareli/District Welfare/Jharkhand State Tribal	0.00		10,18,540.00	
Central Sector Scholarship Scheme (MOSJE)	18,01,276.00		1,62,750.00	
	23,25,074.00		11,81,290.00	
Less Refunds	0.00	23,25,074.00	0.00	11,81,290.00
ii. Interest on Investments - On Earmarked Funds (Chevron)		2,31,041.00		2,22,458.00
iii Other Additions		0.00		0.00
TOTAL (a+b)		64,44,168.38		51,33,443.38
c) Utilisation / Expenditure towards objectives of the Funds				
i. Capital Expenditure				
- Fixed Assets	0.00		0.00	
- Others	0.00	0.00	0.00	0.00
ii. Revenue Expenditure				
Salary, Wages & Allowances		0.00		0.00
Rent		0.00		0.00
Other Administrative Expenses		0.00		0.00
Other Expenditure (Scholorship Distributed)				
Chevron Scholorship	92,000.00		1,08,000.00	
SERB	95,758.00		0.00	
Zila Kalyan Karyalaya - Saran	2,88,040.00		0.00	
ONGC/National Input Nigam	60,000.00		0.00	
Social Welfare Board Raebareli/District Welfare/Jharkhand State Tribal	9,30,500.00		11,37,390.00	
Central Sector Scholarship Scheme (MOSJE)	14,80,380.00	29,46,678.00	0.00	12,45,390.00
TOTAL (c)		29,46,678.00		12,45,390.00
NET BALANCE AS AT THE YEAR END (a+b-c)		34,97,490.38		38,88,053.38

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 4 - DEFERRED CREDIT LIABILITIES	CURRENT YEAR		PREVIOUS YEAR	
a) Acceptances secured by hypothecation of Capital Equipment & Other Assets		0.00		0.00
b) Others -				
i) Research Grants				
Opening Balance		76,56,123.75		54,80,202.00
Add : Interest Received During the year		5,13,510.00	1,86,057.00	
Add : Received During the year		76,50,032.00	81,55,392.00	83,41,449.00
		1,58,19,665.75		1,38,21,651.00
Less : Refunded During the year		3,86,469.00	1,57,469.00	
Less : Utilized During the year		1,01,92,306.00	60,08,058.25	61,65,527.25
		56,27,359.75		76,56,123.75
BALANCE GRANTS REPRESENTED BY :				
- CSIR - Ph.D Scholarship	91,464.00		91,464.00	
- DST New Nano - Porous Materials for Natural Gas Storage \pplication	0.00		1,90,263.00	
- DST Grant Seed Division	43,791.00		43,791.00	
- DAE Study of Information on Theoritic Measures on Variables	1,10,726.00		1,31,821.00	
- SERB New Nano - Dev. Of New Polymeric Materials	8.00		2,45,637.00	
- GEOKNO India Pvt. Ltd.	90,000.00		90,000.00	
- On some properties of Expected Inactivity Time having Applications in Reliability	1,79,178.00		-87,859.00	
- SERB Grant for Studies on three dimensional fracturing	25,758.00		4,196.00	
- Co2 capture using ionic liquids Experiments and molecular modeling	60,063.00		1,89,016.00	
- SERB Grant for Interrogating the Catalytic Activity of Nanocatalyst	8,827.75		9,10,665.75	
- SERB Grant for Source Rock Evaluation of Lignite Deposits	5,53,181.00		3,34,419.00	
- SERB Grant for Study of Total Muon Capture for Potential Double Beta	2,67,277.00		2,96,403.00	
- Development of Polyionic Liquid Based Silicate Muds	-1,17,167.00		24,82,355.00	
- Development of Polymer Coated Nanoparticle Stabilized Foams	43,589.00		25,47,895.00	
- DAE Grant for Spatial Distribution of Uranium & Associated Quality parameters	4,84,359.00		0.00	
- Fellowship Grant for Simulations of artificial fracture propogation in Geothermal	5,46,980.00		0.00	
- Grant received from innocule Pvt Ltd for Development of Polymeric Material	2,50,000.00		0.00	
- National Post Doctrol Fellowship	5,840.00		0.00	
- SERB Grant for well Posed formulations and operator splitting technique	12,46,355.00		0.00	
- SERB Grant for Energy storage protection using Vanadium redox batteries	17,37,130.00		0.00	
- Un-Utilized - Interest	0.00		1,86,057.00	
TOTAL		56,27,359.75		76,56,123.75
NOTE : Amounts due within one year		56,27,358.75		76,56,123.75

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 5 - CURRENT LIABILITIES AND PROVISIONS	CURRENT YEAR		PREVIOUS YEAR	
A CURRENT LIABILITIES				
1. Acceptances		0.00		0.00
2. Sundry Creditors				
a) For Goods/Services	19,39,38,209.00		24,39,54,915.00	
b) Others	42,79,490.00	19,82,17,699.00	42,82,805.00	24,82,37,720.00
3. Advance Fees Received from Students		1,14,72,800.00		1,06,48,700.00
4. Interest accrued but not due on :				
a) Secured Loans / Borrowings	0.00		0.00	
b) Unsecured Loans /Borrowings	0.00	0.00	0.00	0.00
5. Statutory Liabilities				
a) Overdue	3,960.00		0.00	
b) Others	1,21,54,809.00	1,21,58,769.00	1,37,56,726.00	1,37,56,726.00
6. Other Current Liabilities				
a) Unutilized Grant - Preliminary Expenses Fund (Assam)			0.00	
Opening Balance/Received during the year	0.00		0.00	
Less (Add) Transferred to OIDB Capital Fund Raibareli (Excess Provision W/b)	0.00		0.00	
	0.00		0.00	
b) Alumni Fund	6,04,100.00		5,23,100.00	
c) Student Welfare Fund	1,86,058.00		1,71,258.00	
d) Retention Money From Vendors	2,17,42,711.00		7,82,34,559.00	
e) Earnest Money Deposit/Security Deposit	18,30,568.00		15,86,098.00	
f) Security Deposit from Students	18,42,200.00		16,26,200.00	
g) Refundable to IIPE	0.00	2,62,05,637.00	23,00,29,757.00	31,21,70,972.00
TOTAL (A)		**24,80,54,905.00**		**58,48,14,118.00**
B PROVISIONS				
1. For Taxation		0.00		0.00
2. Gratuity		59,67,724.00		49,71,129.00
3. Superannuation/Pension		0.00		0.00
4. Accumulated Leave Encashment		83,65,373.00		76,90,301.00
5. Provision against Building Construction at JAIS		24,56,17,776.00		0.00
6. Provision against Arbitration Award		83,39,500.00		
7. Provision against PMC Fees JAIS		2,21,05,600.00		0.00
TOTAL (B)		**29,03,95,973.00**		**1,26,61,430.00**
TOTAL (A+B)		**53,84,50,878.00**		**59,74,75,548.00**

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

SCHEDULES - 6 - FIXED ASSETS

AMOUNT ₹

DESCRIPTION	GROSS BLOCK				DEPRECIATION				NET BLOCK	
	COST/ VALUATION AS AT BEGINNING OF THE YEAR	ADDITIONS DURING THE YEAR	DEDUCTIONS/ ADJUSTMENTS DURING THE YEAR	COST/ VALUATION AT THE YEAR-END	AS AT BEGINNING OF THE YEAR	DURING THE YEAR	ON DEDUCTIONS/ ADJUSTMENT DURING THE YEAR	TOTAL UP TO THE YEAR-END	AS AT THE CURRENT YEAR-END	AS AT THE PREVIOUS YEAR-END
A. FIXED ASSETS - TANGIBLE										
1. LAND										
a) Freehold - Jais	4,47,03,296.59			4,47,03,296.59	0.00			0.00	4,47,03,296.59	4,47,03,296.59
b) Freehold - Assam	60,97,535.00			60,97,535.00	0.00			0.00	60,97,535.00	60,97,535.00
c) Lease Hold	0.00			0.00	0.00			0.00	0.00	0.00
2. BUILDINGS										
a) On Freehold Land	0.00	3,76,40,12,969.00	0.00	3,76,40,12,969.00	0.00	47814071.00		4,78,14,071.00	3,71,61,98,898.00	0.00
b) On Leasehold Land	0.00			0.00	0.00			0.00	0.00	0.00
c) Ownership Flats/Premises	0.00			0.00	0.00			0.00	0.00	0.00
d) Super Structures on Land not belonging	0.00			0.00	0.00			0.00	0.00	0.00
3. PLANT MACHINERY & EQUIPMENT										
a) General Equipment	0.00	17,19,90,389.00		17,19,90,389.00	0.00	8293235.00		82,93,235.00	16,36,97,154.00	0.00
b) Airconditioners	0.00	9,16,27,855.00		9,16,27,855.00	0.00	4418220.00		44,18,220.00	8,72,09,635.00	0.00
c) Lab Equipments	5,23,22,512.16	52,00,263.00		5,75,22,775.16	1,69,20,894.00	5517605.00		2,24,38,499.00	3,50,84,276.16	3,54,01,618.16
d) Fire Fighting System	0.00	5,49,44,027.00		5,49,44,027.00	0.00	2649356.00		26,49,356.00	5,22,94,671.00	0.00
4. VEHICLES	1,33,18,910.50			1,33,18,910.50	75,04,400.00	1331891.00		88,36,291.00	44,82,619.50	58,14,510.50
5. FURNITURE , FIXTURES										
Raebareli	2,28,05,572.80	6,97,217.00		2,35,02,789.80	1,49,28,223.00	2283090.00		1,72,11,293.00	62,91,506.80	78,77,349.80
Assam	3,26,086.00			3,26,086.00	1,59,790.00	32609.00		1,92,399.00	1,33,687.00	1,66,296.00
6. OFFICE EQUIPMENTS	23,36,228.00	56,500.00		23,92,728.00	9,48,764.00	217321.00		11,86,085.00	12,06,643.00	13,87,464.00
7. COMPUTER/ PERIPHERALS										
Raebareli	4,94,67,397.00	7,91,509.00		5,02,58,906.00	4,07,90,340.00	5008350.00		4,37,08,690.00	45,50,216.00	87,67,057.00
Assam	1,84,200.00			1,84,200.00	1,56,415.00	20160.00		1,76,575.00	7,625.00	27,785.00
Building Management System (Jais)	0.00	4,68,14,361.00		4,68,14,361.00	0.00	4514700.00		45,14,700.00	4,23,99,661.00	0.00
8. ELECTRIC EQUIPMENTS										
Raebareli	1,40,87,368.00	4,51,840.00		1,45,39,208.00	78,01,768.00	1420344.00	4,55,240.00	96,77,352.00	48,61,856.00	62,85,600.00
Assam	1,53,030.00			1,53,030.00	63,246.00	15303.00		78,549.00	74,481.00	89,784.00
9. LIBRARY BOOKS	1,18,20,566.00	4,65,595.00		1,22,86,161.00	41,16,622.00	1196220.00		53,12,842.00	69,73,319.00	77,03,944.00
10. TUBE WELL AND WATER SUPPLY	0.00			0.00	0.00			0.00	0.00	0.00
11. OTHER FIXED ASSETS	5,25,028.00	55,865.00		5,80,893.00	2,08,538.00	56140.00		2,64,678.00	3,16,215.00	3,16,490.00
12. HOSTEL EQUIPMENTS	29,95,786.00			29,95,786.00	27,25,559.00	176397.00		29,01,956.00	93,830.00	2,70,227.00
B. FIXED ASSETS - INTANGIBLE										
1. PATENT & COPYRIGHTS	0.00	4,49,076.00		4,49,076.00				0.00	4,49,076.00	
TOTAL OF CURRENT YEAR	22,11,43,516.05	4,13,75,57,466.00	0.00	4,35,87,00,982.05	9,62,34,969.00	84984982.00	4,55,240.00	10,16,74,791.00	4,17,70,26,191.05	12,49,08,547.05
PREVIOUS YEAR	21,00,64,261.05	1,11,27,030.00	47,775.00	22,11,43,516.05	7,90,39,727.00	17243382.00	29,540.00	9,62,34,969.00	12,49,08,547.05	13,10,43,534.05

ACTING REGISTRAR | HEAD FINANCE | DIRECTOR | PRESIDENT

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FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017
SCHEDULES - 6 - FIXED ASSETS

AMOUNT ₹

DESCRIPTION	GROSS BLOCK				DEPRECIATION				NET BLOCK	
	COST/ VALUATION AS AT BEGINNING OF THE YEAR	ADDITIONS DURING THE YEAR	DEDUCTIONS DURING THE YEAR	COST/ VALUATION AT THE YEAR-END	AS AT BEGINNING OF THE YEAR	DURING THE YEAR	ON DEDUCTIONS DURING THE YEAR	TOTAL UP TO THE YEAR-END	AS AT THE CURRENT YEAR-END	AS AT THE PREVIOUS YEAR-END
CAPITAL WORK - IN - PROGRESS										
A - RAI BARELI (Lab Equipments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL - A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B - JAIS PROJECT										
Land - Advance	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Project Management Fees	3025189900.00	962886606.00	3988055596.00	0.00	0.00	0.00	0.00	0.00	0.00	3025189900.00
Civil Work In Progress	28884660910.00	6997437480.00	35882207790.00	0.00	0.00	0.00	0.00	0.00	0.00	28884660910.00
Plant & Machinery - DG, Elevators, STP & ETP	0.00	17199903890.00	17199903890.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Project Management Expenses	211354430.00	26540560.00	237894990.00	0.00	0.00	0.00	0.00	0.00	0.00	209718580.00
Capital Advance to Punj Lloyd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Secured Advance Against Material	92516960.00	132768790.00	225285750.00	0.00	0.00	0.00	0.00	0.00	0.00	92516960.00
Advance for Electricity to UPPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less : Penalty Deduction (PRS) NCCL	-10833850.00	-31233882880.00	-31133911870.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less : Interest on Mobilization Advance	-527218770.00	-6817560.00	-534036330.00	0.00	0.00	0.00	0.00	0.00	0.00	-527218770.00
TOTAL - B	31675846770.00	6709816260.00	38385663030.00	0.00	0.00	0.00	0.00	0.00	0.00	31675846770.00
C - ASSAM PROJECT										
Project Management Expenses	14385067.50	3262106.00	0.00	17647773.50	0.00	0.00	0.00	0.00	1,76,47,773.50	14385067.50
Project Management Fees	25016040.00	0.00	0.00	25016040.00	0.00	0.00	0.00	0.00	2,50,16,040.00	25016040.00
Civil Work In Progress	217337204.00	0.00	0.00	217337204.00	0.00	0.00	0.00	0.00	21,73,37,204.00	217337204.00
Advance to CPWD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Secured Advance Against Material	42838550.00	0.00	0.00	42838550.00	0.00	0.00	0.00	0.00	42,83,855.00	42838550.00
TOTAL - C	299577861.50	3262106.00	0.00	302839872.50	0.00	0.00	0.00	0.00	3028398872.50	299577861.50
TOTAL CWIP (A+B+C)	31975424631.50	6713078366.00	38385663030.00	302839872.50	0.00	0.00	0.00	0.00	3028398872.50	31975424631.50
GRAND TOTAL	3,64,97,50,959.55	4,81,19,81,198.00	3,83,85,46,303.00	4,62,31,85,854.55	9,67,31,569.00	84,98,982.00	4,55,740.00	10,16,74,791.00	4,44,15,11,063.55	3,55,30,19,390.55
PREVIOUS YEAR GRAND TOTAL	2,80,78,32,588.55	84,82,33,064.00	6,63,04,693.00	3,64,97,50,959.55	7,89,20,727.00	1,77,43,382.00	29,540.00	9,67,31,569.00	3,55,30,19,390.55	2,72,88,81,861.55

ACTING REGISTRAR — HEAD FINANCE — DIRECTOR — PRESIDENT

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 7- INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS	CURRENT YEAR		PREVIOUS YEAR	
1. In Government Securities		0.00		0.00
2. Other Approved Securities		0.00		0.00
3. Shares		0.00		0.00
4. Debentures and Bonds		0.00		0.00
5. Subsidiaries and Joint Ventures		0.00		0.00
6. Others (Fixed Deposits)		24,00,000.00		24,00,000.00
TOTAL		24,00,000.00		24,00,000.00

AMOUNT (₹)

SCHEDULE - 8- INVESTMENTS - OTHERS	CURRENT YEAR		PREVIOUS YEAR	
1. In Government Securities (RBI Bonds - Not marketable)		0.00		6,00,00,000.00
2. Other Approved Securities		0.00		0.00
3. Shares		0.00		0.00
4. Debentures and Bonds		0.00		0.00
5. Subsidiaries and Joint Ventures		0.00		0.00
6. Others		0.00		0.00
TOTAL		0.00		6,00,00,000.00

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 9 - CURRENT ASSETS, LOANS, ADVANCES ETC.	CURRENT YEAR		PREVIOUS YEAR	
A. CURRENT ASSETS :				
1. Inventories				
a) Stores and Spares (Stationery Items)	3,90,699.00		2,52,544.14	
b) Stock of Lab Consumables	1,296.00		0.00	
c) Stock of souvenir	36,118.00		36,118.00	
- Finished Goods	0.00		0.00	
- Work-in-progress	0.00		0.00	
- Rawmaterials	0.00	4,28,113.00	0.00	2,88,662.14
2. Sundry Debtors				
a) Debts Outstanding for a period exceeding six months	0.00		0.00	
b) PRS recoverable from NCCL	15,30,87,877.00		0.00	
c) Receivable from GOI against Budgetary Support Utilized	0.00	15,30,87,877.00	31,11,20,043.00	31,11,20,043.00
3. Cash Balances in Hand (including Cheques/Drafts and imprest)		0.00		1,08,56,595.00
4. Bank Balances				
a) With Scheduled Bank				
- on Current Accounts	48,63,981.92		0.00	
- on Deposit Accounts	6,03,51,13,947.00		5,34,10,23,369.00	
- on Savings Accounts	1,68,71,68,303.75		78,71,63,880.35	
b) With Non - Scheduled Bank				
- on Current Accounts	0.00		0.00	
- on Deposit Accounts	0.00		0.00	
- on Savings Accounts	0.00	7,72,71,46,232.67	0.00	6,12,81,87,249.35
TOTAL (A)		7,88,06,62,222.67		6,45,04,52,549.49

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FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 9 - CURRENT ASSETS, LOANS, ADVANCES ETC.	CURRENT YEAR		PREVIOUS YEAR	
B. LOANS , ADVANCES AND OTHER ASSETS :				
1 Loans:				
a) Staff - Advance for Activity	3,00,000.00		1,02,960.00	
b) Other Entities engaged in activities/objectives similar to that of the Entity	0.00		0.00	
c) Others	0.00	3,00,000.00	0.00	1,02,960.00
2 Advances and other amounts recoverable in cash or in kind or for value to be received				
a) On Capital Account	2,41,80,008.00		6,42,57,061.00	
b) Prepayments	23,49,286.00		14,87,796.00	
c) Security Deposits Paid	48,83,081.00		71,66,382.00	
d) Others	5,67,71,390.00	8,81,83,765.00	5,53,92,964.00	12,83,04,203.00
3 Income Accrued				
a) On Investments from Earmarked/Endowment Funds	41,853.00		41,853.00	
b) On Investments-Others	15,06,37,862.00		20,31,91,830.00	
c) On Loans and Advances	12,05,334.00		9,21,726.00	
d) Others - Student Fees Due - 476500.00 - Provision Made 372500.00	1,04,000.00	15,19,89,049.00	0.00	20,61,55,409.00
4 Claims Receivable		0.00		0.00
TOTAL (B)		24,04,72,814.00		33,45,62,572.00
TOTAL (A+B)		8,12,11,35,036.67		6,78,50,15,121.49

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE YEAR ENDED 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 10 - FEES/SUBSCRIPTIONS	CURRENT YEAR		PREVIOUS YEAR	
1.Entrance Fees		11,40,800.00		11,21,809.00
2.Annual Fees/Subscription		4,39,46,031.00		4,68,76,557.00
3.Seminar/Program Fees		0.00		0.00
4.Consultancy Fees		0.00		0.00
5.Others		3,23,790.00		0.00
TOTAL		4,54,10,621.00		4,79,98,366.00

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE YEAR ENDED 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 11 - INTEREST EARNED	CURRENT YEAR		PREVIOUS YEAR	
1) On Term Deposits				
a) With Scheduled Banks	38,99,22,321.00		48,40,90,287.45	
b) With Non-Scheduled Banks	0.00		0.00	
c) With Institutions (Govt of India Bond)	12,26,667.00		48,00,000.00	
d) Others	0.00	39,11,48,988.00	0.00	48,88,90,287.45
2) On Savings Accounts				
a) With Scheduled Banks	11,62,847.00		14,27,904.00	
b) With Scheduled Banks in Sweep A/c	10,72,74,003.00		3,93,70,612.47	
c) With Non-Scheduled Banks	0.00		0.00	
d) With Institutions	0.00		0.00	
e) Others	0.00	10,84,36,850.00	0.00	4,07,98,516.47
		49,95,85,838.00		52,96,88,803.92
Less : Transfer to Capital Fund				
a) Capital Fund Raebareli	1,24,26,062.00		55,85,937.00	
b) Capital Fund Assam	2,55,38,152.00		2,89,02,092.47	
c) Capital Fund (Grant OIDB)	6,72,92,479.00		12,12,523.00	
d) Depreciation Fund	1,12,09,982.00		1,66,84,283.00	
e) Earmarked Fund - Chevron Scholarship Grant	2,31,041.00		2,22,458.00	
f) Deferred Credit Liabilities - DST Grants	5,13,510.00	11,42,11,226.00	1,86,057.00	5,27,93,350.47
		38,53,74,612.00		47,68,95,453.45
3) On Loans				
a) Employees/Staff	0.00		0.00	
b) Others	0.00	0.00	0.00	0.00
4) Interest on Debtors and Other Receivables		1,18,170.00		
TOTAL		38,54,92,782.00		47,68,95,453.45

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE YEAR ENDED 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 12 - OTHER INCOME	CURRENT YEAR		PREVIOUS YEAR	
1 Profit on Sale/Disposal of Assets				
a) Owned Assets	0.00		2.00	
b) Assets acquired out of grants or received free of cost	0.00	0.00	0.00	2.00
2. Export Incentives realised		0.00		0.00
3. Fees for Miscellaneous Services		13,90,919.00		28,62,164.00
4 Miscellaneous Income		23,66,815.50		3,77,526.00
TOTAL		37,56,834.50		32,39,692.00

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FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE YEAR ENDED 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 13 - ACADEMIC EXPENSES	CURRENT YEAR		PREVIOUS YEAR	
Honorarium to Visiting Faculties		5,13,000.00		7,21,500.00
Book Grant, e-Journal Charges, Magazines & Academic Softwares		56,87,884.00		38,08,872.00
Convocation, Conference & Meeting Expenses		13,12,413.00		22,74,919.00
IIT-JEE Fees		4,50,000.00		4,50,000.00
IIM CAT-Fees		2,43,200.00		2,50,000.00
Student Welfare		8,34,388.00		3,11,823.00
Hostel Rent & Mess Expenses		1,12,51,190.00		1,32,15,756.00
Scholorship & Stipend		77,01,048.00		66,54,988.00
Doctor Fees		5,82,612.00		3,78,600.00
Placement Brochure & Expenses		2,90,590.00		3,63,630.00
Workshop & Training		63,561.00		38,217.00
Cultural & Sports Activities		11,09,875.00		21,67,547.00
Rent & Electricity Charges		1,82,16,739.00		2,36,88,401.00
RGIPT Scholorship		8,58,000.00		8,10,000.00
Repairs & Maintenance (Equipment)		11,58,426.00		14,86,876.00
Vehicle Running Expenses		14,89,809.00		11,35,773.00
Lab Charges and Printing & Stationery		4,91,218.00		4,32,177.00
Computer Running Expenses		1,53,470.00		0.00
Internal Grant to DST Project		93,524.00		53,420.00
Travelling & Conveyance Expenses (Academic)		6,54,119.00		21,84,507.00
Student Contingency		8,05,817.00		4,14,545.00
Membership Fees		37,368.00		31,446.00
TOTAL		5,39,58,251.00		6,08,72,997.00

AMOUNT (₹)

SCHEDULE - 14 - ESTABLISHMENT EXPENSES	CURRENT YEAR		PREVIOUS YEAR	
a) Salaries & Allowances		6,60,12,846.00		6,09,68,298.00
b) Man Power Hiring		1,18,07,672.00		72,19,656.00
c) Contribution to Provident Fund & NPS		47,66,519.00		42,03,669.00
d) Contribution to Other Fund		0.00		0.00
e) Staff Welfare Expenses		2,35,418.00		1,94,306.00
f) Provision on Employees Retirment and Terminal Benefits (Gratuity & Leave Encashment)		16,71,667.00		15,84,081.00
g) Others				
Honorarium		6,02,072.00		6,82,990.00
Medical Reimbursement		22,42,506.00		18,42,559.00
Relocation Expenses		1,84,821.00		29,232.00
TOTAL		8,75,23,521.00		7,67,24,791.00

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE YEAR ENDED 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 15 - OTHER ADMINISTRATIVE EXPENSES	CURRENT YEAR	PREVIOUS YEAR
a) Purchases (General Consumables)	0.00	0.00
b) Labour and processing expenses	0.00	0.00
c) Cartage and Carriage Inwards	0.00	0.00
d) Electricity and Power	1,51,91,126.00	65,48,057.00
e) Repairs & Maintenance (Building & Other)	11,03,130.00	6,69,965.00
f) Insurance	3,27,437.00	5,69,007.00
g) Repairs and Maintenance (House Keeping & Office Expenses)	61,41,985.60	51,72,396.40
h) Security Service Charges	1,53,62,218.00	85,65,137.00
i) Rent, Rates and Taxes	1,43,89,501.00	1,42,01,737.00
j) Vehicles Running and Maintenance	11,02,384.00	7,78,569.00
k) Postage, Telephone and Communication Charges	22,19,849.00	23,11,342.00
l) Printing and Stationary	8,45,109.54	7,96,620.05
m) Travelling and Conveyance Expenses	58,30,726.00	46,77,290.00
n) Recruitment Expenses	2,47,820.00	1,17,105.00
o) Foreign Travel & Participation Fees Expenses	2,18,123.00	30,000.00
p) Strategic Initiative & Brand Expenses	0.00	0.00
q) Pre-Payment Auditors Remuneration	5,98,600.00	5,46,888.00
r) Hospitality Expenses	0.00	89,463.00
s) Legal & Arbitration Expenses	46,67,850.00	60,36,279.00
t) Interest on Late Payment & Penalities	617.00	0.00
u) Irrecoverable Balances Written-off	0.00	0.00
v) Conference, Meetings & Workshop Expenses	10,27,806.00	7,96,620.00
w) Professional & Consultancy Charges	54,10,824.00	21,82,937.00
x) DPR Preparation Charges	0.00	0.00
y) Advertisement and Publicity	86,30,221.00	71,09,563.00
z) Others (Guest House Expenses)	13,80,166.00	6,94,215.00
aa) Internal Audit Fees	1,15,000.00	1,14,750.00
ab) Bank Charges	97,409.18	83,086.18
ac) Club Subscription	0.00	11,056.00
ad) Website Expenses	81,594.00	1,43,840.00
ae) CAG Audit Fees	1,50,000.00	1,50,000.00
af) JAIS Inaugral Expenses	96,24,389.90	0.00
ag) JAIS Shifting Expenses	30,45,406.00	0.00
ah) Hindi Rajbhasha Parliamentry Meeting Expenses	0.00	5,05,662.00
TOTAL	9,78,09,291.32	6,29,01,584.63

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE YEAR ENDED 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 16 - PRIOR PERIOD ADJUSTMENT	CURRENT YEAR		PREVIOUS YEAR	
INCOME				
Scholorship Refund	54,000.00		24,000.00	
DPR Charges (IIPE) Recovered	0.00		45,20,243.00	
Bank Charges	0.00		11,748.00	
Conference & Meeting Expenses	0.00		19,844.00	
Excess Provision of Gratuity Written Back	0.00		20,61,389.00	
Travelling Expenses Recovered	1,976.00		0.00	
Excess Salary recovered	36,440.00		0.00	
Others	500.00		0.00	
Liability for Unpaid Bills Written Back	0.00	92,916.00	3,12,809.00	69,50,033.00
EXPENDITURE				
Travelling Expenses	2,350.00		0.00	
Bonus	3,454.00		0.00	
Book Grant & e-Journal	0.00		2,01,175.00	
House Keeping Expenses	12,533.00		0.00	
Communication Expenses	27,500.00		0.00	
Fees Reversed	0.00		32,000.00	
Honorarium to Visiting Faculties / Refund of Licence Fees	1,01,649.00		4,000.00	
Audit Fees	43,760.00		0.00	
Repairs & Maintenance (Equipment)	55,691.00		2,997.00	
Medical Reimbursement	50,742.00		0.00	
Student Fees Refunded	4,167.00		1,500.00	
Depreciation	4,35,240.00		0.00	
Staff Welfare	0.00		250.00	
Legal & Professional Fees	0.00		40,483.00	
Overhead Charges Returned	19,942.00	7,77,028.00	0.00	3,02,405.00
NET PRIOR PERIOD EXPENDITURE		**-6,84,112.00**		**66,47,628.00**

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, RAEBARELI

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2017

SCHEDULE '17' – SIGNIFICANT ACCOUNTING POLICIES

1. Accounting Convention

The financial statements are prepared under dual entry system under the historic cost convention and on going concern concept following the accrual method of accounting unless otherwise stated herein.

2. Inventory Valuation

Stores materials including stationery held at year end are valued at cost adopting FIFO method.

3. Fixed Assets

3.1. Fixed assets are stated at cost of acquisition less accumulated depreciation thereon and impairment loss, if any. The cost includes inward freight, duties and taxes, installation charges and other directly attributable expenses related to their acquisition.

3.2. Assets created out of research grants normally remain as property of the sponsoring authority in terms of sanction letter.

3.3. Land includes acquisition cost, registration and other related expenses and is capitalized on taking possession. Interim payments made on demand to Government Authorities for the purpose of acquisition of land are treated as Capital Advance, grouped under Capital Work in Progress.

3.4. Capital Work-In-Progress - Expenses incurred towards building under construction / civil work in progress/ equipments received but not installed/ capital advances against construction materials/ running bills payments during project construction stage towards contracts, consultancy services and project management / administrative expenses are grouped under Capital Work-In-Progress. Interest earned if any, on mobilization advance to contractor are adjusted from Capital Work in Progress.

3.5. The assets which are unserviceable condemned or out of use are written off only after approval by the competent authority of the institute.

4. Method of Depreciation

4.1. Depreciation on fixed assets is provided on Straight Line Method on pro-rata basis at the rates arrived at based on the estimated useful life of the assets. In respect of assets fully depreciated and are in use, a residual value of Rs. 1 is retained in the books till it is discarded.

वार्षिक प्रतिवेदन 2016-17

4.2. Expenditure on e-Journals is charged off pro-rata in Income & Expenditure account during the license period of the respective e-Journals.

5. Depreciation Fund

A Depreciation Fund is created by transferring equivalent amount of depreciation from Income & Expenditure Account, to facilitate suitable funding for replacement of assets as required in future. Interest earned from investment of Depreciation Fund is ploughed back to the Depreciation Fund at the year end.

6. Miscellaneous Expenditure

6.1. All expenses relating to renovation of rented premises including play grounds/ courts are accounted in Income & Expenditure Account in the year of incurrence.

6.2. Deferred revenue expenditure on account of RGIPT Brand or non-tangible assets is written off over a period of 5 years from the year it is incurred.

7. Capital Fund Grant

7.1. Budgetary Support from Govt. of India and Grant from OIDB / Promoting entities for campus project work are accounted on receipt basis and grouped under "Capital Fund." Interest earned if any, from bank on capital fund account/ investment is accounted in Capital Fund account.

7.2. Depreciation charged on assets created out of Capital fund are treated as Deferred Income and transferred to Income and Expenditure Account every year on systematic basis over useful life of the assets.

7.3. The fund utilized for creating non-depreciable assets like land is treated as Capital Reserve.

8. Corpus Fund

8.1. Corpus Fund received is accounted on receipt basis and is grouped under Corpus Fund. Interest earned from investment of Corpus Fund in fixed deposits in banks, is utilized for meeting the recurring expenses.

8.2. Interest earned from investment of Corpus Fund is accounted in Income and Expenditure Account and the surplus interest after meeting the recurring expenses, as lying invested in fixed deposit with Banks/ Non-tradable Government Securities is ploughed back to Corpus Fund.

9. Foreign Currency Transactions

Transactions denominated in foreign currency are accounted at the exchange rate prevailing as at the date of such transactions.

10. Provisions, Prepaid

10.1 All known liabilities and other financial obligation exceeding Rs. 10,000/- up to the date of finalization of accounts are provided for.

10.2 Pre-paid charges/expenses exceeding Rs. 10,000/- incurred during the year are carried to next year and are duly considered in relevant future period.

11. Investments

11.1 Investments are held in the form of fixed deposits with Scheduled Banks or in non-tradable Govt. Securities.
11.2 No investments are made by the Institute in the tradable securities.
11.3 Investments are valued at cost.

12. Revenue Recognition

Interest earned on Fixed Deposits with Banks, income from Government Securities, Student Fees including entrance fees and other receipts are accounted for as and when due on accrual basis and are recognized as income of the Institute. Sale of discarded assets/items etc. is accounted for on receipt basis.

13. Retirement Benefits

Retirement benefits in respect of Gratuity and Leave Encashment are provided for on the basis of actuarial valuation.

14. Income Tax

The Institute income is exempt from Income Tax under the provisions of Section 10(23C)(iii)(ab) of the Income Tax Act'1961 hence no provision is made for Income Tax.

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, RAEBARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

SCHEDULE '18' – NOTES ON ACCOUNTS

The Notes forming part of the Accounts giving inter-alia certain additional disclosures in respect of significant accounting transactions during the year and also highlighting the Institute's contingent liability and capital commitment as at 31st March, 2017 are as follows:-

1. The Receipt and Payment Account carries the amounts of actual receipts and actual payments of the institute during the year 2016-17. However, the recoveries under the various heads have been grossed up, e.g. salaries expenses have been grossed up on account of provident fund, income tax deductions, etc.

2. The Income & Expenditure Account and the Balance Sheet have been drawn from Receipt and Payment Account duly accounting for liabilities, prepaid expenses, advance payments and provisions as at end of the accounting year.

3. The financial statements have been presented as per Uniform Format prescribed for non-profit Central Autonomous Bodies.

4. Previous year figures have been regrouped/ rearranged in order to make them comparable with the current year figures.

5. While finalizing the Accounts for the year, necessary action has been taken to implement the recommendations of Government Audit.

6. In line with the recommended policy for non-profit organization in respect of accounting of Govt Budgetary Support (GBS) and Grants, the Institute has adopted the following significant accounting policy:

   - Budgetary Support received from Govt. of India and Grants received from OIDB / promoting entities for campus construction are grouped under "Capital Fund" in **Schedule 1** along with the interest and other amount earned if any. Amounts grouped under Corpus Fund in **Schedule 1** represent contribution received from Oil PSUs for meeting the recurring expenses from its interest and the transfer of excess of income over expenditure to the extent of surplus interest lying invested in Fixed Deposits/ non transferable Govt. Securities from the Income & Expenditure Account.

   - An amount of Rs. 31,11,20,043/- had been temporarily utilized for construction related payment, from the surplus of corpus fund of Raebareli, with the sanction of Ministry of Petroleum & Natural Gas during 2015-16 .The above amount of Rs. 31,11,20,043/- has been replenished back to the Corpus Fund during 2016-17 from the GBS for Jais released to RGIPT. The above adjustment for replenishment has been shown under 'Capital Fund' in **Schedule 1**.

   - OIDB vide its letter No.4/6/96-OIDB(Vol.III) dated 29.9.2016 has allocated and released a sum of Rs.10000.00 Lakh during the year for the purpose of meeting immediate fund requirement by RGIPT to shift from temporary campus to its new Campus at Jais. The above receipt has been included under 'Capital Fund' in **Schedule 1.**

- An amount of Rs.10000 Lakh was received from GBS during 2016-17 towards Jais Campus. The total receipt stands at Rs. 23400 Lakh as on 31.3.2017, leaving a balance of Rs.13510 Lakh yet to be released. (Total sanction from GBS is Rs.36910 Lakh).

- Depreciation on assets created out of capital fund is treated as Deferred Revenue Income and recognized in the Income and Expenditure Account every year on systematic basis over the 'useful life' of the assets. Accordingly, Rs. 8,54,40,222/- being the depreciation charged during the year has been transferred to Deferred Revenue Income.

- The Jais Campus was handed over to RGIPT on 7.10.2016 and the institute is operating from the new Campus at Jais. The capital expenditure incurred on buildings, plant & machinery, air-conditioning, firefighting systems etc, and PMC Fee, Project Management expenses of Jais Campus have been capitalized during the 2016-17 for an amount of Rs.412,93,89,601/- after adjusting Interest earned on Mobilization Advance (paid to contractors viz. NCCL and Punj Lloyd).

- The capitalization of the Buildings, Roads, Landscaping and Horticulture has been made after allocating the cost of construction considering the built up area of each. Whereas Plant & Machinery viz. DG, Elevators, STP & ETP, Firefighting system, Building Management System, AC plant has been capitalized based on acquisition cost.

- The fund utilized for creating non-depreciable assets like land is treated as Capital Reserve. However during the year no non-depreciable asset has been created.

- As no time extension has been approved to the Contractor M/s NCCL for not completing the project within schedule time as per contract, the full Price Reduction Schedule (PRS) of Rs. 31,33,51,873/- being 10% of the contract value plus other penalties, has been levied as per the provision of the contract (Contract Value Rs.301,54,01,252/-). The PRS amount recoverable has been added to the Capital Fund under GBS under **Schedule-1**. Out of the above PRS, an amount of Rs.15,30,87,877/- is yet to be recovered from the contractor and has been included under **Schedule-9.**

7. The provisions of Payment of Gratuity Act are applicable to the institute. Accordingly, based on Actuarial Valuation accumulated provision for Rs.1,43,33,097/- has been made in the accounts towards retirement benefit for a) Gratuity and b) Leave Encashment, which is reflected in accounts under **Schedule 5** – under Current Liabilities and Provisions as at 31.3.2017.

8. During the year excess of income over expenditure to the extent of the surplus interest lying invested in fixed deposit with banks/non-tradable government securities amounting to Rs. 1,73,34,164/- of Corpus Fund Assam have been ploughed back to the Assam Corpus Fund. The sum of Rs.8,49,81,625/- of the surplus interest lying invested in fixed deposit for Raebareli corpus is ploughed back to Corpus Fund of Raebareli as at 31.3.2017.

9. As per the EFC Sanction Ref. F.No.42024/6/2012-Gen.(Vol.II) dated 16.3.2015 with regard to Revised Cost Estimate of Jais Project taken by Department of Expenditure (Ministry of Finance), it is decided that RGIPT will confine its Jais Campus project in 47 acres of land only, as the acquisition of additional land by UPSIDC did not materialize. Consequent to this, the institute had applied to UPSIDC in 2015-16 for refund of advance payment of Rs. 185.00 Lakh made during previous years as per their demand, for acquisition of land. Out of the above, Rs. 143.00 Lakh was realized during the year and the balance of Rs.41.80 Lakh is grouped under Loans & Advances on capital account under **Schedule 9** as recoverable from UPSIDC.

10. The contract for civil & structural work awarded in June 2010 to M/s Punj Lloyd Ltd for an estimated contract value of Rs. 179,89,04,329/- had to be terminated in view of the contractor's failure to perform as per the agreed schedule. Prior to termination, the contractor raised certain claims not payable under the contract and on Institute's refusal to pay the claimed amount, the contractor invoked arbitration which is currently ongoing. Current Liabilities and Provisions includes Rs. 3,27,27,202.00, the unpaid balance amount against the value of work done by the contractor, (which is adjustable against the Institute's claim pending for adjudication under arbitration).

11. In the year 2013-14 the composite contract for Jais Campus project was awarded to M/s NCCL Limited on a Contract value of Rs. 301,54,01,252/-. The contractor has completed the work and payment to the tune of Rs. 286,87,52,224.00 has been released (up to 49 RA Bill) till 31st March'2017 including escalation on recommendation of the PMC (M/s EIL). The Final Bill of M/s. NCCL is not submitted till date of preparation of the Balance Sheet. Based on the assessment of PMC the total composite value of work done is Rs.311,43,70,000/-. Accordingly, a provision has been made in books against building construction for Rs.24.56.17,776 and PMC Fees to EIL for Rs. 2,21,05,600/- pending the Final Bill which is included under **Schedule 5.**

12. M/s MAC Associates had invoked arbitration claim of Rs.10,49,29,892/- plus interest on 15-4-2014 in respect of Finishing & Façade work LOI awarded to them on 27.2.2012. The final arbitral award was declared on **26th May 2017** by Arbitral Tribunal in favor of claimant for a sum of Rs.83,39,500/- only. RGIPT will soon study the award in details in order to either settle the claim and/or make application for setting aside the same in Court. Considering this, the claim amount of Rs.83,39,500/- has been considered as project cost and simultaneously, a provision for the same has been made under the **Schedule 5.**

13. MoPNG in its meeting held on 14.2.2014 proposed to set up a centre of RGIPT in the area of Fire Engineering, Safety and Energy Research at Bangalore. The foundation stone for this centre was laid at Kambalipura (Bangalore) by Minister PNG on 5.3.2014. RGIPT has prepared DPR for this Bangalore Centre and submitted to MoPNG. This preliminary nature of expenses for Rs.30.16 lakh for the above purpose was incurred by RGIPT Raebareli and charged to its Income and Expenditure during 2013-14, as allocation of fund for the Bangalore Centre is under process with MoPNG. The expenditure of Rs.30.16 lakh will be written back in accounts of Raebareli and adjusted against the specific fund after it is released by the Government.

14. **Contingent Liabilities**

(a) The following claims by the Contractors are under dispute for which Arbitration process has been invoked against the institute and the liability towards which as on 31.3.2017 is un-ascertainable:-

(i) M/s Tejveer Singh had invoked arbitration claim for Rs. 1,49,41,814.00 plus interest in respect of civil work of boundary wall at Jais Campus, against which RGIPT has lodged counter claim of Rs 52,62,280.00 plus interest. On 21.12.2016 the Arbitrator declared his award in favor of the Contractor for an amount of Rs.43,67,157/- only along with the simple interest of 9% if settlement is delayed beyond one month by institute. In this context RGIPT has filed a petition u/s 34 of Arbitration and Conciliation Act in the District Judge Court at Raebareli on 17th March 2017 to set aside the arbitration award. Due to the above circumstances the Contingent Liability now stands revised to Rs.43,67,157 plus interest of Rs. 4,68,430/- up to 31.3.2017.

(ii) Arbitration instituted by M/s Punj Lloyd from 26.8.2013 for Rs. 73,88,92,012.00 plus interest @18% of Rs.47,84,38,286 accrued upto 31.3.2017 in respect of Civil and Structural Work of RGIPT Campus in Jais, against which RGIPT has lodged counter claim on 29.1.2014 of Rs. 58,99,55,835/- plus interest @ 18% amounting to Rs.33,66,14,252/- accrued upto 31.3.2017. The arbitration is ongoing.

(b) An arbitration award for arrear salary (approx. Rs. 4.24 lakhs plus interest) against a claim from an ex-employee is under litigation in the Court of Law and no liability has materialized as on 31.03.2017.

(c) RGIPT had taken on lease premises from M/s ITI Ltd Rae Bareli from 2008 with enhancement clause of 10% every two years. The contract period has expired in July 2013 at which time RGIPT was paying monthly rent of Rs.10,08,739/- to ITI as per terms of the contract. M/s ITI has made a demand of enhanced monthly lease rental of Rs.19,64,185/- in order to further renew the lease for the above premises. RGIPT revised the monthly rental by 10% to Rs. 11,09,613/- according to terms of the lease signed in 2008. The monthly rent was being duly accepted by ITI Ltd. Matter has also not been referred to any Authority for redressal. RGIPT has since vacated ITI premises in November 2016. The contingent liability on the above account is Rs. 3.57 crore.

17. **Capital Commitments**

RGIPT had awarded a composite work contract for RGIPT Campus in Jais to M/s. NCCL for Rs. 301.54 Crore out of which payment of Rs. 286.87 crore has been released till 31st March'2017 and the balance capital commitment according to contract on this account is Rs. 14.70 Crore. A provision for payment of amount of Rs.24.56 Lakh is created which is subject to approval and settlement of the Final Bill of the Contractor, which has not been submitted till date of finalization of accounts. The project has been completed and handed over to RGIPT on 7.10.2017.

ACTING REGISTRAR | HEAD FINANCE | DIRECTOR | PRESIDENT

सीएजी का प्रतिवेदन

संख्या- एमएबी-।।/RGIPT/17-4/2017-18/

संख्या / No. :

भारतीय लेखा तथा लेखापरीक्षा विभाग
कार्यालय महानिदेशक वाणिज्यिक लेखापरीक्षा
एवं पदेन सदस्य, लेखापरीक्षा बोर्ड-II,
नई दिल्ली

INDIAN AUDIT & ACCOUNTS DEPARTMENT
OFFICE OF THE DIRECTOR GENERAL OF
COMMERCIAL AUDIT & EX-OFFICIO MEMBER,
AUDIT BOARD - II, NEW DELHI

दिनांक / DATE_____

सेवा में,

सचिव, भारत सरकार,
पेट्रोलियम और प्राकृतिक गैस मंत्रालय
शास्त्री भवन,
नई दिल्ली-110001

विषय: राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान के वर्ष 2016-17 के लेखों पर पृथक लेखापरीक्षा प्रतिवेदन ।

महोदय,

मै, राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान के वर्ष 2016-17 के लेखों पर पृथक लेखापरीक्षा प्रतिवेदन (अंग्रेजी) तथा वार्षिक लेखाओं की प्रति प्रेषित कर रही हूँ । इस सम्बन्ध में कृपया सुनिश्चित करें कि पृथक लेखापरीक्षा प्रतिवेदन एवं सम्बन्धित लेखों को संसद के दोनों सदनों के सम्मुख प्रस्तुत किया जाए एवं अन्तिम रूप से प्रस्तुत करने की तिथि भारत के नियंत्रक एवं महालेखापरीक्षक के साथ-साथ इस कार्यालय को भी सूचित करें ।

कृपया पत्र की प्राप्ति की सूचना दें ।

प्राप्त किया
03 NOV 2017
RECEIVED

भवदीया,

हस्ता/-
(नन्दना मुंशी)
महानिदेशक वाणिज्यिक लेखा परीक्षा
एवं पदेन सदस्य, लेखा परीक्षा बोर्ड-II
नई दिल्ली

संलग्नक:- यथोपरि ।

4th & 5th Floor, Annexe Building, CAG Office, 10, Bahadur Shah Zafar Marg, New Delhi - 110002
Tel. : 011-23239436 Fax : 011-23239433 E-mail : mabnewdelhi2@cag.gov.in

संख्या- एमएबी-II/RGIPT/17-4/2017-18/ 229 दिनांकः 31/10/2017

1. पत्र की प्रति, सचिव, भारत सरकार, पेट्रोलियम और प्राकृतिक गैस मंत्रालय, को जारी की गई पृथक लेखापरीक्षा प्रतिवेदन की प्रति सहित निदेशक, राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान रायबरेली को प्रेषित की जाती है ।

(नन्दनी मुंशी)
महानिदेशक वाणिज्यिक लेखा परीक्षा
एवं पदेन सदस्य, लेखा परीक्षा बोर्ड-II
नई दिल्ली

संलग्नकः- यथोपरि ।

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Separate Audit Report of Comptroller and Auditor General of India on the accounts of Rajiv Gandhi Institute of Petroleum Technology for the year ended 31 March 2017.

1. We have audited the attached Balance Sheet of Rajiv Gandhi Institute of Petroleum Technology (RGIPT) as on 31 March 2017 and the Income and Expenditure Account / Receipts and Payment Account for the year ended on that date under section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Services) Act, 1971 read with Section 26 of RGIPT Act, 2007. RGIPT has been set up under Rajiv Gandhi Institute of Petroleum Technology Act 2007 which has come into force from 1 June 2008. The preparation of these financial statements is the responsibility of the Institute's management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms etc. Audit observations on the financial transactions with regard to compliance with the Laws, Rules and Regulations (Propriety and Regularity) and efficiency-cum-performance aspects etc., if any, are reported through Inspection Report /CAGs Audit report separately.

3. We have conducted our audit in accordance with auditing standard generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and the disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, **we report that**:

i. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;

ii. The Balance Sheet and Income & Expenditure Account / Receipt and Payment Account dealt with by this report have been drawn up in the format approved by the Government of India.

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iii. In our opinion, proper books of accounts and relevant records have been maintained by the Institute in so far as it appears from our examinations of such books.

iv. We further report that :-

Comment on Accounts

A. Grants-in-aid

At the end of the year 2015-16, the Institute was having unspent balance of Rs. 43.14 crore. During the year 2016-17. the Institute received Grant of Rs. 200.00 crore and earned interest of Rs. 10.22 crore on unspent grant. Out of the total balance of Rs. 253.36 crore, it utilized Rs. 97.32 crore leaving an unspent balance of Rs. 156.04 crore as on 31.03.2017.

B. **Management Letter**

Deficiencies, which have not been included in the Separate Audit Report, have been brought to the notice of the Institute through a Management Letter issued separately for remedial/corrective action.

v. Subject to our observations in the preceding paragraphs, we report that the balance sheet and Income & Expenditure Account/ Receipt and Payment Account dealt with by this report are in agreement with the books of Accounts.

vi. In our opinion and to the best of our information and according to the explanation given to us, the said financial statements read together with the Accounting Policies and Notes on accounts, and subject to the significant matters stated above and other matters mentioned in **Annexure** give a true and fair view in conformity with accounting principles generally accepted in India.

a. In so far as it relates to the Balance Sheet, of the state of affairs of Rajiv Gandhi Institute of Petroleum Technology as at 31 March 2017; and

b. In so far as it relates to Income & Expenditure accounts of the surplus for the year ended on that date.

N. Munshi

(Nandana Munshi)
Director General of Commercial Audit
& Ex-officio Member, Audit Board – II,
New Delhi

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ANNEXURE to SAR

1. **Adequacy of Internal Audit System**

   Internal Audit manual has not been prepared by the Institute. Institute did not have its own Internal Audit set up. However, Internal Audit for the year 2016-17 has been carried out by a Chartered Accountant Firm.

2. **Adequacy of Internal Control System**

   Internal control system exists in the Institute and required procedures were being followed in accordance with rules and guiding principles of the institute as prescribed in the RGIPT Act of the Parliament.

3. **System of Physical Verification of Assets**

   Physical verification of the Fixed Assets for the year 2016-17 has been carried out and no discrepancy has been found.

4. **System of Physical Verification of inventory**

   Physical verification of store consumables and non-consumables has been carried out and no variation has been found.

5. **Regularity in payment of Statutory Dues**

   There were no statutory dues outstanding against the Institute during 2016-17.

(A.K. GUPTA)
Director (Oil)

विधारत्नम् महद्धनम्

सम्पर्क **Contact:**

रघुनाथ भट्टाचार्या Raghunath Bhattacharya

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राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान (आरजीआईपीटी)

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY (RGIPT)

जायस, अमेठी – 229304 Jais, Amethi – 229304

उत्तर प्रदेश, भारत Uttar Pradesh, India

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विद्यारत्नम् महद्धनम्

राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY

वार्षिक प्रतिवेदन

ANNUAL REPORT

2016-17

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RGIPT ENVISIONS.....

To serve as the fountainhead, for nurturing of world class ‘Petrocarats’ capable of being the future leaders of technology and innovation in the Petroleum and Energy Sector, in India and abroad.

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DIRECTOR'S MESSAGE

I am privileged to present the Annual Report of RGIPT for the academic year 2016-17. It has been a year where simply by focusing on our objectives we could overcome some serious challenges. RGIPT has stayed true to its claim of being an institute for world-class education, training, and research so as to roll out efficient human resources to meet the growing requirements of the Petroleum & Energy sector. Further, our faculty remains focused to research as it is amply evident from their significant contributions in top rated journals of international repute. The Institute has moved to its newly-built state-of-art campus at Jais, Dist- Amethi in October-2016. The campus was inaugurated together by Chief Guest, Shri Prakash Javadekar, Union Minister of HRD, Guest of Honour Smt. Smriti Zubin Irani, Union Minister of Textiles and Shri Dharmendra Pradhan, Union Minister of State (I/c) on 22nd October 2016. We feel immense pleasure in informing that the Institute is taking various developmental steps for its growth and progress. We are constantly putting efforts in making the Institute a vibrant and intellectually stimulating place.

This year, 1st International Conference was organized by the Department of Petroleum Engineering (Conveners- Dr. Tushar Sharma and Dr. Shivanjali Sharma). Our students fare no less when it comes to achievements. They have won many prizes at the state and national level competitions. Mr. Satish Kumar Awasthi (Research Scholar) received the "Best Paper Award" at 8th World Renewable Energy Technology Congress-2017, Mr. Karunesh Kant (Research Scholar) got selected for prestigious 'Bhaskara Advanced Solar Energy (BASE) Fellowship Program' and Mr. Shubham Gupta, Mr. Yash Sachan and Mr. Sanjay Tiwari's published their paper at 1st South Asian Geosciences Student Conference, Geostrata Magazine and won the 1st prize. In addition, M. Tech. and Ph.D. students have jointly organized its first 'Research Scholar Day' in January' 2017.

Students have also successfully organized four annual festivals; Techfest, 'Urjotsav-2017', Cultural Fest, 'Kaltarang- 2017' and Sports Fest 'Energia-2017' with full energy and vigor. These fests witnessed huge participation from students and several came from in and around colleges and institutions. Students' placement records have also significantly improved as most PSUs of oil and gas sectors visited for recruitments.

From a humble beginning of simply pursuing two Undergraduate Programmes (B. Tech. in Petroleum and in Chemical Engineering) and two Postgraduate Programmes (MBA in Petroleum & Energy Management and M. Tech in Petroleum Engineering) in 2008, RGIPT has taken a long stride and now being considered a unique Domain Specific Educational & Capability Building Centre, offering Ph.D. program in science and engineering.

We are forever grateful to the MoP&NG, OIDB, General Council, Board of Governors, Finance Committee, Academic Senate and our patrons, the Oil & Gas Companies who extend more than just a helping hand by partaking in academics as well as in governance.

P. K. Bhattacharya

Prof. P. K. Bhattacharya
March 31, 2017

ORGANIZATIONAL STRUCTURES

GENERAL COUNCIL

CHAIRPERSON
Secretary
Ministry of Petroleum & Natural Gas, Govt. of India

MEMBERS
Chairman & Managing Director
Oil and Natural Gas Corporation Limited

Chairman
Indian Oil Corporation Limited

Chairman & Managing Director
Bharat Petroleum Corporation Limited

Chairman & Managing Director
Hindustan Petroleum Corporation Limited

Chairman & Managing Director
GAIL (India) Limited

Chairman & Managing Director
Oil India Limited

Chief Executive Officer
Reliance Industries Limited

Chief Executive Officer
Cairn Energy India Limited

Chief Executive Officer
Shell India Limited

Chief Executive Officer
Essar Group

Director General
Director General of Hydrocarbons

Principal Advisor (Energy)
Niti Aayog

Executive Director
Oil Industry Safety Directorate

Secretary
Oil Industry Development Board

Director
IIT Kanpur

Director
Institute of Chemical Technology, Mumbai

President
BoG, RGIPT

Director
RGIPT

BOARD OF GOVERNORS

PRESIDENT
Prof. K. B. Akhilesh
Professor – Dept. of Management Studies, IISc Bangalore

MEMBERS
Prof. P. K. Bhattacharya
Director, RGIPT

Shri M. B. Lal
Former C&MD, HPCL

Prof. P. K. Bharadwaj
Professor–Dept. of Chemistry, IIT Kanpur

Shri D. D. Misra
Director (HR), ONGC Limited

Shri S. P. Gathoo
Director (HR), BPCL

Prof. Pritam Singh
Former Director, IIM Lucknow & MDI

Shri Prabhat Singh
CEO & MD, Petronet LNG

Dr. Pradip Kumar Singh
Director, CSIR – Central Institute of Mining & Fuel Research

Dr. D. Ramakrishnan
Professor - Dept. of Earth Sc., IIT Bombay

ACADEMIC SENATE

CHAIRMAN
Prof. P. K. Bhattacharya
Director, RGIPT

MEMBERS
Prof. V. Shankar
Dept. of Chemical Engineering
IIT Kanpur (U.P.)

Prof. V. P. Sharma
Department of Petroleum Engineering
IIT (ISM) Dhanbad

Prof. B. V. Phani
Department of Industrial and Management Engineering
IIT Kanpur (U.P.)

Prof. Chiranjib Bhattacharjee
Department of Chemical Engineering
Jadavpur University, Kolkata (W.B.)

FINANCE COMMITTEE

PRESIDENT
Prof. K. B. Akhilesh
Professor – DoMS, IISC Bangalore

MEMBERS
Prof. P. K. Bhattacharya
Director, RGIPT

Shri M. B. Lal
Former C&MD, HPCL &

Smt. Perin Devi
Director-Finance, MoPNG

Prof. S. S. Yadav
Professor – DoMS, IIT Delhi

Time Line

Inauguration of RGIPT's permanent Campus

22nd October 2016

Chief Guest, **Shri Prakash Javadekar**, Union Minister of HRD, Guest of Honour **Smt. Smriti Zubin Irani**, Union Minister of Textiles and **Shri Dharmendra Pradhan**, Union Minister of State (I/c) inaugurated the permanent campus of Rajiv Gandhi Institute of Petroleum Technology (RGIPT) located at Jais, Amethi, Uttar Pradesh on 22nd October 2016.

1st Research Scholars' Day- Parishti- 2017

4th January 2017

The research scholars of the Institute organized its very first Research Scholar's Day - Parishti-2017 on 4th January 2017.

1st International Conference

24-25th March 2017

Department of Petroleum Engineering organized its first International Conference on '**Advances in Petroleum, Chemical, and Energy Challenges**' (APCEC-2017) on 24-25th March, 2017.

Chapter 01

ABOUT RGIPT

The Ministry of Petroleum & Natural Gas (MoP&NG), Government of India has set up Rajiv Gandhi Institute of Petroleum Technology (RGIPT) at Jais, Dist. Amethi, Uttar Pradesh through an Act of Parliament ("Rajiv Gandhi Institute of Petroleum Technology Act 2007"). RGIPT has been accorded the eminence of being an "Institute of National Importance" along the lines of IITs. The Institute is empowered to award degrees in its own right. RGIPT is co-promoted as an energy domain specific institute by six leading Oil PSUs namely ONGC, IOCL, OIL, GAIL, BPCL and HPCL in association with the Oil Industry Development Board (OIDB). The Institute is associating with leading International Universities/Institutions specializing in the domain of Energy Management.

The prime objective of the Institute is to provide world-class education, training, and research to roll out efficient human resources to meet the growing requirements of the Petroleum & Energy sector. The aspiration is to develop India as a global manpower hub for the entire Petroleum and Energy Sector.

RGIPT has an ambitious plan, to offer a number of Bachelor's Degree and Master's Degree programmes, PG Diploma courses and Doctoral programmes in Petroleum Technology and Management, in phases. It has started its academic activities from 2008 with 2 Undergraduate and 2 Post Graduate Programmes and added other courses subsequently.

The 'RGIPT Act' has set the key objectives for the Institute as follows:

a. Nurture and promote quality and excellence in education and research
b. Extend academic and research programmes leading to award of the Bachelor's, Master's and Doctoral Degrees in Engineering and Technology, Management, Sciences and Arts.
c. Grant degrees, diplomas, certificates, academic distinctions or titles, honorary degrees and award fellowships, scholarships, prizes and medals
d. Promote research and development for the benefit of the oil and gas industry
e. Foster close educational and research interaction through networking with national, regional and international players in the oil, gas and petrochemical industry.
f. Organize national and international symposia, seminars and conferences
g. The RGIPT Act provides that the President of India will be the Visitor of the Institute and the authorities of the Institute shall vest with:
   i. The General Council, Secretary, MoP&NG as Chairperson;
   ii. The Board of Governors;
   iii. Finance Committee;
   iv. The Senate and such authorities as declared by Statutes of the Institute

Vision & Mission of RGIPT

- To create learning aspirations among the youth of the country towards the Oil & Gas sector
- To serve as a fountainhead for nurturing of world-class human capital, capable of being the future leaders of technology and innovation, not only in India but also abroad
- To provide education, research and consultancy for the entire hydrocarbon value chain

Chapter 02

ACADEMIC PROGRAMMES

The Institute has been offering undergraduate, postgraduate and doctoral programmes since 2008 from its Rae Bareli/Jais, Amethi main campus. In the admission to all these programmes, Institute also provides opportunities to socially weaker sections of society i.e. SC/ST/OBC/PwD as per Government of India norms. The detailed capacity in each programmes are as follows:

S. No.	Programmes	No. of seats
1	B. Tech. in Petroleum Engineering	40
2	B. Tech. in Chemical Engineering	35
3	M. Tech. in Petroleum Engineering	10
4	M. Tech. in Chemical Engineering	10
5	MBA in Energy Management	50

Admission in Undergraduate Programmes

Minimum Eligibility Criteria: Candidate should have qualified the JEE (Advanced) of respective year conducted by IIT. Also, candidate should have obtained minimum aggregate marks of 60% (SC/ST/PwD -55%) in 10+2 (PCM) or equivalent examination.

The admission in undergraduate programme (B. Tech. in Petroleum & Chemical Engineering) was successfully completed in July'2016 with joining of 74 students. Out of these, 37 students belong to UR category, 20- OBC (NCL), 11- SC and 6 students from ST category. There were 3 girl students, who took admission in undergraduate programmes.

The admission to undergraduate programme has been provided on the rankings of candidates in IIT-JEE (Advanced) merit list- 2016. The process of admission started in the month of May-2016 with inviting applications from JEE aspirants. The Institute received total 1010 online applications from across the country and categories. The opening and closing ranks of candidates, applied for admission to undergraduate programme has been presented as under:

Catatory	Opening Rank	Closing Rank
General	931	25934
OBC-NCL	507	7719
SC	285	3827
ST	52	1119

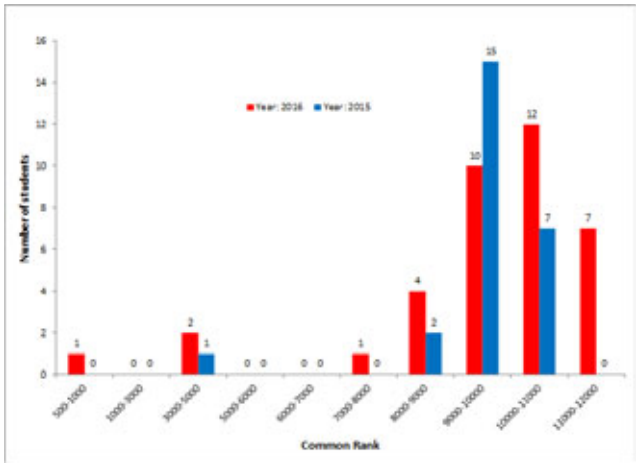
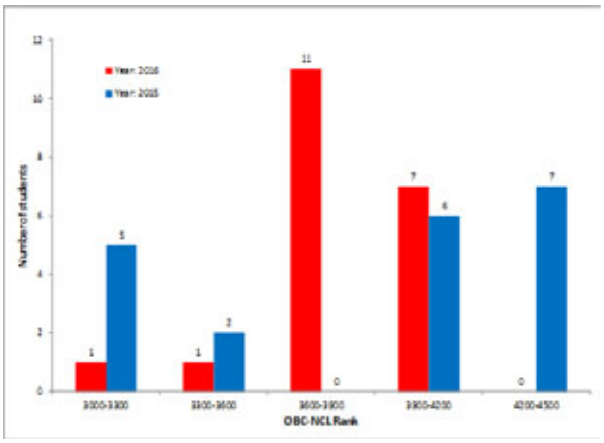
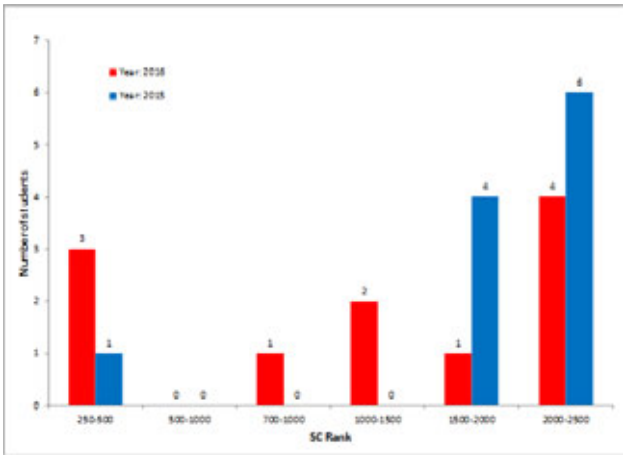
All received applications have been verified with IIT JEE (Advanced) Rank List, received from Organizing JEE Chairman (IIT Guwahati). First provisional list of 580 candidates was published online with instructions to applicants to pay Registration Fee (GEN/OBC: Rs. 30,000/- and SC/ST/PH: Rs. 10,000/). The total 243 candidates had deposited the fees and thereafter 1st merit list of 75 candidates was published online with instructions to pay remaining fee (GEN/OBC: Rs. 53,000/- and SC/ST/PH: Rs. 23,000/-). Non-submission of fee had led to the auto-withdrawal from the admission procedure.

Finally, 74 students took admission in undergraduate programmes and their final opening and closing ranks have been presented as under:

Stream	Opening Ranks				Closing Ranks			
	UR	OBC-NCL	SC	ST	UR	OBC-NCL	SC	ST
ChE	4368	3251	293	146	11487	4190	2426	485
PE	931	3678	479	81	11232	4106	2424	270

Comparison of Data from previous years

Comparison of rank-wise distribution of admitted students in years 2016 and 2015:

Category: General	
Category: OBC-NCL	
Category: SC	

Admission in Postgraduate and Doctoral Prgrammes

There were 20 seats opened for admission to M. Tech. Programmes, 10 each in Chemical and Petroleum Engineering. Finally, 4 students took admission in M. Tech. Chemical Engineering and 2 have joined M. Tech. in Petroleum Engineering. The selection of students was done based on their performance in Written Test, Personal Interview and his/her GATE score. However, in MBA programme, 17 students have joined through CAT/ XAT/CMAT/GMAT score followed by Written Ability Test and Personal Interview. Institute also offers Ph.D. in various disciplines to promote research in the areas of energy, engineering, management and basic sciences. In the academic year 2016, there were 9 students who joined Ph. D. programme in the areas of Chemical Engineering, Petroleum Engineering, Mathematics, Geology and Chemistry.

Chapter 03

STUDENTS' PLACEMENTS

RGIPT has concluded the final placements for the class of 2017 with overall placements of 48% students through campus. This year, there was a batch of 77 students, comprising 40 from B. Tech. Petroleum Engineering, 32 in B. Tech. Chemical Engineering and 5 students in M. Tech. Petroleum Engineering. The strength of undergraduate students was 72, out of which only 61 were eligible to participate in placement process due to lower CPIs. The placement activities started at RGIPT with 3-4 weeks Summer Internship at industries followed by final placements.

The placement season witnessed participation from over 12 companies, including 5 first time recruiters. The average CTC stood at Rs. 9.00 LPA, with a highest package of Rs. 13.5 LPA. RGIPT maintained its position as one of the preferred recruitment destinations for Petroleum and Petrochemical Engineering domain industries. Some of the major first time recruiters include- Infosys, OPaL, Mordor Intelligence LLP, Mahanagar Gas Ltd. Continuing previous year's trends, PSU's remained one of the most favored companies among the participants with big brands like ONGC, IOCL, and Oil India Ltd. The placements status of the batch of 2017 undergraduate students is as follows:

Strength of students	72
Nos. of students eligible to participate in Placement Process	61
Total nos. of eligible students placed	35
% of students placed	57%

However, the M. Tech. Petroleum engineering was having the batch of 5 students and they have received total 8 placement offers. Companies' wise placements of undergraduate and postgraduate students have been presented below:

Name of the Companies	B. Tech.		M. Tech.	Total
	PE	ChE	PE	
ONGC	7	0	0	7
Infosys	6	1	3	10
RIL	0	1	0	1
Oil India Ltd.	1	0	0	1
Adani Gas Ltd.	1	0	1	2
IOCL	3	3	0	6
BORL	0	2	0	2
OPaL	2	2	0	4
Lords Institute of Engg. & Tech.	0	0	4	4
Mordor Intelligence LLP	0	1	0	1
Haldia Petrochemicals Ltd.	0	1	0	1
Mahanagar Gas Ltd.	4	0	0	4
Total	24	11	8	43

Chapter 04

TEACHING & RESEARCH INFRASTRUCTURE

RGIPT had shifted its academic and adminstrative activities to permanent campus at Jais, Amethi in the month of October'2016. There, Institute has been developing state-of-art research infrastructure to provide students an excellent learning environment. Some of the research facilities available in campus are as follows:

Petroleum Reservoir Engineering Lab

Petroleum Reservoir Engineering Laboratory has been set up for Petroleum Engineering students to find out the reservoir properties of the formation. To provide hands-on-training to students, following equipments are available at lab:

- Liquid Permeameter
- Gas Permeameter
- Saturation type porosity meter
- Core Plug Drill Press
- Core grinding and cutting machine

Drilling Fluid and Cementation Lab

Drilling Fluid and Cement Laboratory has been developed for the students of Petroleum Engineering for the testing of properties of drilling fluid (Mud) to be used for the circulation in the bore well. This lab is equipped with following equipments:

- Multi speed VG viscometer
- Fitter press
- Mud balance
- pH meter
- Sand content measuring tube
- Marsh funnel viscometer
- Shearometer

Exploration and Prospecting Laboratory

RGIPT has established an exploration and prospecting lab with state-of-art technologies. There are thirteen workstations in the lab with dual monitor set up and a projection system. The Dell T7500 workstation is fitted with Xeon Processor, 24 GB RAM, and graphics card with 6GB memory. Large size of memory helps in better visualization of 3D seismic datasets. Each workstation is attached with two monitors (24 inches each) via HD cable. Seismic Micro Technology has donated KINGDOM software to the institute. The software is being used for teaching seismic data analysis for reservoir characterization.

Geo-Science Laboratory

In Geo-Science Lab, rocks and minerals like-Abelsonite, Abhurite Albite, Borax, Talc, Zysper, Bio-tide etc. are available and students use these rocks to identify physical properties and analyze optical properties of that rocks and minerals. It helps students to develop basic concept for determining the existence of petroleum products in that rock bed.

Surveying Lab

Surveying laboratory is equipped with conventional and modern surveying equipment such as tape, auto level, total station, GPS & DGSP etc. Students are exposed to state-of-art techniques of the use of surveying data for application of Petroleum Engineering.

Petroleum Product Testing Laboratory

It has been developed for Chemical Engineering students and is equipped with conventional and modern equipment such as Abel's testing equipment, Cloud & pour point, Redwood viscometer, Copper strip corrosion test apparatus etc. It helps students to develop the basic concept of Petroleum Product Testing in energy sector.

Physics Laboratory

Physics Laboratory has been set up to illustrate phenomena in different areas of Physics and to expose students for the different measurement and error analysis techniques. It helps students to construct the basic concept of Physics, utilized in Petroleum and Refining Engineering and in energy sector.

Non-Conventional Energy Laboratory

Non-Conventional Energy Laboratory has been set up to train and educate young engineers about the alternate source of energy. The prime objective of this laboratory is to implement the optimal solar power system for RGIPT and develop educational environment in the field of non-conventional energy based on solar power.

Additionally, it will also be an in-house R&D center to focus on different aspects of solar thermal energy devices. The lab is well equipped with instruments like Differential Scanning Calorimeter (DSC), Data Acquisition Unit and other relevant apparatus.

Chemical Engineering Laboratory

RGIPT has procured latest equipment to set-up two Chemical Engineering Unit Operation Laboratories. The two laboratories cover most of the Chemical Engineering areas such as Reaction Engineering, Heat Transfer, Mass Transfer, Fluid Flow, Fluid Particle Systems, Thermodynamics & Process Dynamics and Control.

Polymer Laboratory

Dr. Umaprasana Ojha and Dr. Debashis Panda have established a chemistry research laboratory for pursuance of their independent and collaborative research. Dr. Ojha, an Organic Chemist with expertise in Polymer Engg will perform research in the area of synthesis and characterization of novel nano-structured materials with potential application in gas storage, purification and photo-voltaic. Dr. Panda, an Experimental Physical Chemist with expertise in Biophysics & Nano-materials, will carry out research in the area of Bio-Nano materials with profound application in Bio-fuel. The laboratory is fully equipped with basic instruments to deliver quality research.

IT Lab

IT lab having 45 No's high configuration Desktop equipped with software for upstream and downstream sectors of petroleum industry. These include MATLAB, MAPLE, AutoCAD Civil 3D, ASPEN Plus, ANSYS, Fluent CFD, UT-Chem, Geo-EAS, CMG Software, KINGDOM Suite, Gaussian & Gauss view, Real Work Studio, Adobe Acrobat X, Engineering Equation Solver (EES), Trimble, Comsol, Kappa , IBM OPL optimization studio, SPSS, AMOS etc.

Central Library

Institute is developing Central Library at two floors of Administrative Block to house specialized collection of books, journals, technical reports, online journals, databases, etc. The new library is centrally air-conditioned and having ample space to shelves books and provides ample space for students. There are collection of books; standards and peer-reviewed journals, printed as well as online, relevant to Engineering and Management in library for students and faculty members. An internet facility has also been developed for users to access the online and offline electronic resources available in library. The salient features of library are:

- Bibliographic Database: The computerized catalogue of the collection of books is available with the bibliographic details such as author, title, and keyword or subject search facility. It is available on intranet and students may use this facility to search the availability of books.
- Organization of Library Collection: The books collections have been arranged as per Dewey Decimal Classification Scheme (DDC). It enables users to search books through subject analyses or using the Keywords.

Central Library has been automated using SOUL Version- 2.0 Integrated Library Management Software of INFLIBNET (UGC) to provide real time access to students, faculty and staff members, which can be accessed through: **http://192.168.3.11/webopac/** or **www.rgipt.ac.in**. The collection of books available in Central Library has been categorized as under:

Particulars	Total No.
Books	7473
Printed Journals (Oil Asia Journals, Dew, Journal of the Geological Society of India, Oil and Gas Journal, Journal of IISc, Current Science, Hydrocarbon Processing and American Scientist)	08
Online Journals (ACS, SEG, CAS Sci-Finder, One Petro, AAPG Data Pages, SEPM, Emerald, Ebsco, Fluid Mechanics, Geological Magazine, and Oil & Gas Journal)	11
Magazines (Down to Earth, PC Quest, Digit, Time, Chemical Engineering, Bloomberg Business and Science)	07

Chapter 05

PROJECT ACTIVITIES

Jais, Amethi District

The Academic activities has commenced from its own campus which was completed and commissioned during October 2016. At present, 425 students are studying in B. Tech (Chemical and Petroleum Engineering), M. Tech. (Petroleum and Chemical Engineering), Ph.D and MBA programmes. The project was completed with the fund of Rs. 519.10 crore from Government of India, budgetary support on 47 acres of land.

Sivasagar, Assam Center

With a view to supplement its on-campus academic offerings, RGIPT is setting up an academic center in the state of Assam at Sivasagar. We have 100 acres of land out of which 37 acres are being developed in the first phase. The objective of the proposal are envisaged as offering of programmes of education and training of skilled technical manpower at the certificate, diploma and post diploma level in various areas in the domain of petroleum, petrochemical and allied sector, training & certificate programmes (refresher and induction) for working professionals of oil and gas, petrochemical and allied companies, to serve as a Skill Development Center for the North-East Region and to offer B. Tech. in Fire Safety Engineering.

The work of temporary campus at RGIPT's allocated site is under construction. The campus is likely to be completed by December, 2017 by CPWD.

The Revised DPR has been prepared envisaging the revised project cost of Rs.880.10 crore (Rs. 396.32 crore for capital expenditure and Rs. 483.78 crore for Endowment Fund).

Bangalore Energy Institute

The Karnataka State Government has allotted 150 acres of land at Village Kambalipura, Hoskote Taluk, Bangalore free of cost in the year 2015 for setting up of Bangalore Center of RGIPT.

The revised DPR has been submitted to MoPNG envisaging the project cost of Rs. 1800.00 crore (Rs. 800.00 crore for capital expenditure and Rs. 1000.00 crore for Endowment Fund).

The core purpose of the Bangalore Energy Institute (BEI) would be to drive economic growth, technological property development (through patents), energy innovation and entrepreneurship. The Institute would lead cutting edge research, producing graduates that will be highly sought, and enabling dynamic knowledge and technology transfer. It would strive to achieve national priorities of Indian energy sector.

The institute would offer a wide range of state-of-art facilities to enable it to perform research at the highest level. It would initially house 10 advanced research labs established over 1.8 lakh square feet in a research cum academic complex. An Energy Experience Centre, Incubation/E-Cell, Library, Auditorium and Seminar Halls etc would support the core activities of institute. Additionally, the institute would have a bank, clinic, shipping complex and sports center on campus.

Chapter 06

HAPPENINGS AT RGIPT

INAUGURATION OF NEW CAMPUS OF RGIPT AT JAIS, AMETHI

Chief Guest, Shri Prakash Javadekar, Union Minister of HRD, Guest of Honour Smt. Smriti Zubin Irani, Union Minister of Textiles and Shri Dharmendra Pradhan, Union Minister of State (I/c) inaugurated the permanent campus of Rajiv Gandhi Institute of Petroleum Technology (RGIPT) located at Jais, Amethi, Uttar Pradesh on 22nd October 2016. Shri K. D. Tripathi, IAS, Secretary-MoPNG, Prof. K. B. Akhilesh, President-BoG, RGIPT Prof. P. K. Bhattacharya, Director- RGIPT and other dignitaries were also present on the occasion. The new campus of RGIPT has been constructed on 45 acres of land comprising students' hostel, classrooms, labs, administrative block, health centre, commercial complex and residential complexes for faculty and staff members.

The Institute has been set up in 2008 through an Act of Parliament by the Ministry of Petroleum and Natural Gas, Government of India as an "Institute of National Importance" along the lines of IITs. It is co-promoted as an energy domain specific institute by six leading oil PSUs- ONGC, IOCL, OIL, GAIL, BPCL and HPCL in association with OIDB. RGIPT is currently offering programmes at Undergraduate (B. Tech. in Petroleum & Chemical Engineering), Postgraduate (M. Tech. in Petroleum & Chemical Engineering and MBA in Energy Management, HR & Finance) and Doctoral levels. The second campus of Institute is coming up at Sivasagar, Assam, which would offer programmes at diploma level. Admission to B. Tech. programme is provided through IIT JEE (Advanced) ranking, while in M. Tech. programme, admission is based on GATE score.

Currently, there are 400 students on campus pursuing undergraduate, postgraduate and doctoral programmes. So far, seven batches of M. Tech. and MBA and 5 batches of B. Tech. have been passed out and placed in various oil, gas companies and consulting firm, however, some of have joined higher education in India and abroad.

FIRST INTERNATIONAL CONFERENCE ON 'ADVANCES IN PETROLEUM, CHEMICAL AND ENERGY CHALLENGES'

The Department of Petroleum Engineering organized a 2-day International Conference on 24-25 March 2017 at RGIPT Jais on 'Advances in Petroleum, Chemical and Energy Challenges'. Shri Sudhir Vasudeva, Ex-CMD, ONGC Ltd., Prof. P. K. Bhattacharya, Director- RGIPT, Prof. Chon, INHA University Korea, Dr. Alok Kumar Singh, HoD- Department of Petroleum Engineering and conveners of the programme Dr. Tushar Sharma and Dr. Shivanjali Sharma inaugurated the two-day event by lighting the lamp in the presence of big gathering of participants, students and faculties of Institute.

The maiden International Conference of Institute witnessed the huge gathering of academic and industry stalwarts. Shri Sudhir Vasudeva (Ex-CMD, ONGC Ltd), Prof. P. K. Bhattacharya (Director- RGIPT), Prof. B. Chon (INHA University Korea), Prof. Chang-Ren Chen (Kun Shan University, Taiwan), Mr. Jawad Azeem (Regional Manager & Principal Consultant, Calsep Dubai, UAE) and Mr. Siva Rama Krishna Jandhyala (Halliburton Technology, India) had delivered thought provoking lecture during the conference.

Shri Sunil Saxena (EIL), Shri R. K. Vij (ED-ONGC Ahmedabad), Shri Anil Sachan (Ex-ED ONGC), Dr. D. K Tulli (ED-IOCL R&D Centre), Prof. V. P Sharma (IIT-ISM Dhanbad), Prof. Gargi Das (IIT Kharagpur), Prof. K. D. P. Nigam (IIT Delhi), Prof. M. O. Garg (IIT Bombay), Dr. Jitendra Sangwai (IIT Madras), Prof. Deepak Kunzru (Distinguished Professor-Ahmedabad University) and Prof. Jokhanram from IIT BHU Varanasi also shared their research works with young participants and suggested the ways to overcome the energy challenges, India and world are facing today.

On the second day of conference, an industry-academia interaction session was organized in which thrust was on to enhance the knowledge sharing between them and expedite the research works in the petroleum and energy areas. While discussing on the issue, IOCL ED Dr. Tuli suggested that efforts should be made for the exchange of experts between industry and academia to help them to know the real industries' problems and areas of the research of academicians. He further said that academician should develop products and applications with the input from industry. Shri R. K. Vij, ED ONGC said that there is a need of structured approach in India to start deep industry-academia interaction. While Prof. P. K. Bhattacharya, Director RGIPT said that relationship could be built only with continuous interaction.

Dr. Tushar Sharma and Dr. Shivanjali Sharma, Assistant Professor- Petroleum Engineering had convened the programme.

TECHNICAL FEST 'URJOTSAV-2017'

The Students' Chapter of SPE & Petrotech had jointly organized a 2-day Techfest 'Urjotsav-2017' from 17-19th February 2017 in campus. The programme witnessed the huge participation of students from PDPU Gandhinagar, UPES Dehradun, DIT Dehradun, ISM Dhanbad, JCT Coimbatore, Dhaanish Ahmed Chennai, UTM Shillong, DTU Delhi, Aditya Engineering and Rae Bareli based FGIET and FDDI along with the participants of host Institute. The students' chapter has been started organizing Techfest since 2015 in campus with the objective to broaden the technical approach of aspiring engineers and encourage the innovation. Prof. Krishna Iyer, Professor-IIT Madras, Prof. Avanish Agarwal, Professor-IIT Kanpur and Dr. U. Ojha, Associate Dean- Academic Affairs, RGIPT inaugurated the programme by lighting the lamp.

Around 200 students participated in events from various parts of the country along with our students and won internship in Halliburton, i3India, SocHyd Automations.

Prof. Krishnaiah (Ex-Dean, IIT Madras), Mr. L. Raghuraman (Business Manager, Sim Infosystems), Mr. Biswajit Roy (Director-HR, Oil India Limited), Mr. Anand Reddy (Director- Commercial, Green Gas Limited), Shri Rajeev Mathur (MD- MGL), Dr. Sanjay Singh (Professor- Economics, IIM Lucknow), etc. visited RGIPT and shared their experience and expertise with students.

This fest was combinations of 11 Formal events, which include Paper Presentation Competition, Poster Presentation Competition, Halliburton Case Study, Petromodelo, Chem-e-Car, Mud Mash, Chem-e-Hawk, Energy Quiz, Petro-Wizard, Rock Hawk and MUN. Four Informal events which include Crude Bid, Internshala's Resume Scoring, PetroBowl and Business King; 4 Cyber gaming events including Counter Strike, NFS Most Wanted, FIFA and Tekken and 5 Workshops on Simulation by Sim Infosystems, Mobile Controlled Robotics by i3Indya, Ethical Hacking, Android App

Development and Industrial Automation by Bharat Auto Solution were also organized. Guest Lectures to all the students by Prof. Santanu De and Prof. Krishnaiah and Motivational Session to all the professors by Prof. Krishnaiah and a brain-storming Networking Session on the theme "India's Energy Independence: Challenges & Opportunities" made the tech fest more memorable.

INDUSTRY-ACADEMIC CONCLAVE
INDIA'S ENERGY INDEPENDENCE: CHALLENGES AND OPPORTUNITIES

RGIPT came into existence as an energy domain specific Institute with the mandate to produce trained engineers and managers for entire hydrocarbon value chain. Considering the mandate and mission, since inception, Institute has been focusing on the importance of collaborating with industries to develop engineers with requisite skill sets needed in oil exploration and refining world. To strengthen the relations, an Industry-Academia conclave was organized on 18th February 2017 to figure out the thoughts of industry experts on India's plan for becoming an energy independent nation. Industries experts, like Shri Biswajit Roy, Director (HR)- OIL, Shri Rajiv Mathur, Managing Director- Mahanagar Gas Ltd., Shri B. Anand Reddy, Executive Director- Green Gas Ltd., Prof. Sanjay Singh, IIM Lucknow, Shri Himanshu Chaturvedi, NTPC, Advocate Shri T. K. Majumdar and Mr. Sameer Mittal, Consultant- Energy, British High Commission had participated in the conclave and discussed the issues.

While presiding over the discussion, Dr. Sanjay Kumar Kar, HoD- Department of Management Studies opined that India's crude oil import bill is increasing steadily, that needs to be reduced in phased manner. During the discussion, the views emerged that to achieve the energy independence; it would be pertinent to explore the alternate sources of energy. They further opined that RGIPT could play vital role by promoting research and teaching in the areas of alternate sources of energy and developing an efficient and sustainable model.

FIRST RESEARCH SCHOLARS' DAY 'PARISHTI- 2017'

The Research Scholars of Rajiv Gandhi Institute of Petroleum Technology (RGIPT) organized its very first Research Scholar's Day 'Parishti- 2017' on 4th January 2017. It was organized with the objectives to discuss key points of research and to strategize how one should inculcate the various conflicting themes in research. The day was specifically designed to address research presentation issues i.e. confidence-building, fabrication of ideas and constructive criticism.

On the occasion, eight Ph. D. scholars presented their oral presentations on ongoing research projects, while thirty M. Tech. students demonstrated their posters to faculty in various research areas. Chief Guest as well as faculty of Institute had appreciated these research presentations. The main purpose of organizing the research scholar day is to promote research awareness among the new postgraduate students and promoting a strong student-faculty interaction.

Chief Guest, Dr. Siddhartha Panda, Professor- Department of Chemical Engineering, IIT Kanpur, Prof. P. K. Bhattacharya, Director- RGIPT, Deans of Institute- Dr. U. Ojha, Dr. A. K. Singh, Dr. S. K. Sinha and Faculty Coordinator of Parishti Dr. Rohit Bansal formally inaugurated the programme by lighting the lamp.

While addressing the research scholars on the occasion, Prof. Bhattacharya suggested that students should learn from existing knowledge to train themselves for information generation and dissemination. He further said, research provides opportunity to answer the unanswered questions and hope the programme like Parishti may help to achieve it.

Addressing from the chair of Chief Guest, Dr. Panda appreciated the efforts of research scholarship for organizing such interactive programmes and said it will help them to consider all possible perspectives while concluding the research and suggesting their views.

RGIPT ORGANIZES 2ND INTERNATIONAL YOGA DAY

The second International Yoga Day was celebrated at RGIPT on June 21, 2016. On this occasion, Prof. P. K. Bhattacharya, Director- RGIPT, Dr. A. K. Singh, Associate Dean- Students Affairs, Shri Raghunath Bhattacharya, Acting Registrar along with other students, faculty and staff of the Institute performed yogasans under the guidance of yogacharya Shri P. N. Pathak. Further, Yogacharya advises that one may throw away numerous physical and mental illness by practicing yoga regularly. Shri Pathak guided RGIPT people to perform yogasanas like anulom-vilom, kapalbhati, mundak asan, bhramri, gomukh, sukhasan, vajrasan, etc.

ANNUAL CULTURAL FEST 'KALTARANG-2017'

The students of Institute had organized its annual cultural fest 'Kaltarang-2017' in campus from 31st March to 2nd April 2017 to give feather to the creativity and passion of young engineers. The 3-day event witnessed a huge participation of students from Rae Bareli based institutes- host RGIPT and FGIET, FDDI; Sultanpur based KNIT and KNIPSS, Lucknow based Amity University, BBD University, REC Sonbhadra and SHIATS Allahabad.

The events like Solo song, Mimi, Rap Battle, Band war, Debate, Jam, Poem, Antakshari, Street Play, Group song, Solo dance, Fashion show, Group discussion, Quiz, Group dance, Stage play, Rangoli, T-shirt painting, Nail art, Face painting, etc were organized during the 3-day programme and participants had impressed a lot to audience with their exemplary performances.

Chief Guest- Prof. S. N. Upadhyay (Ex-Director- IIT BHU) and Faculty advisors of Cultural Committee of Institute Dr. Atul Sharma, Dr. Chanchal Kundu and Dr. Shivanjali Sharma formally inaugurated the programme by lighting the lamp in the presence of big gathering of participants.

ANNUAL SPORTS FEST 'ENERGIA- 2017'

A 2-day annual sports fest 'ENERGIA-2017' was organized in campus on 31st March-1st April 2017 with the aims to providing a platform to young engineers to display their talents. The programme was inaugurated by Shri Yogesh Kumar (IAS), DM-Amethi, Shri Upendra Bahadur Singh (Former National Volleyball Player), Dr. Alok Kumar Singh (Dean-Students' Affairs) and faculty adviser of sports fest Dr. D. Panda by lighting the lamp. The sports events like Kho-Kho, Kabaddi, Volley Ball, Basket Ball (Men), Basket Ball (Women), Badminton (Men), Badminton (Women), Carrom, Chess, Table Tennis (Men), Table Tennis (Women) were organized during the 2-day fest and Babu Banarasi Das University, Lucknow had won the 'Energia-2017 Championship' trophy. In this event, sportsmen of 25 institutes participated in various events. The valedictory function of Energia-2017 witnessed the august presence of Arjuna Award Winner Shri Ranveer Singh (Former National Volleyball Player) as Chief Guest and Shooter Ms. Ruchi Singh (Internationally represented India) from Amethi as a Guest of Honour, which made it more memorable. Shri Singh awarded the winning team with trophy.

70th INDEPENDENCE DAY

RGIPT celebrates 70th Independence Day with full fervor and patriotism. The Independence Day programme started with tri-colour hoisting by Prof. P. K. Bhattacharya, Director-RGIPT in the presence of huge gathering of students, faculty and staff members. While addressing the gathering on the occasion, Prof. Bhattacharya said that despite copying the ideas of others, young generation should think of originally to bring innovation at the workplace. They should work in the direction to define their own path to achieve the objectives of their life, but it all requires courage to take risk and learn new things.

Further to this, by recognizing their excellent academic performance in last semester examinations, Director awarded 8 B. Tech. and M. Tech. students with trophy and certificate of appreciation. On this occasion, group of students also presented a skit on 'Patriotism & Terrorism', which receives huge applause of appreciation from the audience.

WORKSHOP ON ECRIN-SAPHIR

A workshop on Ecrin Software- Saphir module was conducted on 16th-18th May 2016 by Mr. Christeen T. Varghese, Reservoir Engineer, Reservoil Mumbai. During the workshop, Mr. Varghese covered the various fundamental aspects of Well Testing and identification of flow regimes as part of the theory module. Over the course of workshop, initially there was an emphasis on the understanding of the theoretical concepts. Later on, hands on training on software were provided to participants. The primary focus of the workshop was on Pressure Transient Analysis. Pressure Transient Analysis or PTA is about analyzing high frequency, high-resolution shut-in data. Faculty members M. Tech. and Ph.D. scholars attended this workshop. Dr. Tushar Sharma, Assistant Professor- Petroleum Engineering coordinated the programme.

Chapter 07

AWARDS AND HONORS

CSMCRI Chemcon Distinguished Speaker Award

IIChE, an international Chapter of Chemical Engineers had awarded Prof. P. K. Bhattacharya, Director-RGIPT with CSMCRI Chemcon Distinguished Speaker Award for the year 2016. This award is recognition for his contribution to academics and research in the areas of Chemical Engineering for last four decades. Prof. Bhattacharya received the award during 69th Annual Session of IIChE 'CHEMCON-2016', held in Chennai, Tamil Nadu, India from 27-30th December 2016.

Subrato Ghosh Coal Petrology Award 2015–16

The Mining, Geological and Metallurgical Institute of India had conferred 'Subrato Ghosh Coal Petrology Award' on Dr. Alok Kumar Singh, Associate Professor and Head of Department of Petroleum Engineering and Geological Sciences for the year 2015-16. The award was to recognize his contribution to the Science of Coal Petrology and Coal Chemistry.

Hiyoshi Young Leaf Award-2016

Hiyoshi India Ecological Services Private Limited had conferred "Hiyoshi Young Leaf Award" on Dr. M. S. Balathanigaimani for the year 2016 for his outstanding contribution in research, design and methodology development, application of science and technology for the protection and conservation of environment. Dr. Balathanigaimani is an Associate Professor and Head of Department of Chemical Engineering & Engineering Sciences.

Best Poster Award

Dr. Atul Sharma (Associate Professor- Renewable Energy) and Dr. Atul Sharma (Associate Professor-Physics) presented poster at 7th World Renewable Energy Technology Congress (WRETC) & Expo-2016 held on August 21-23, 2016 in New Delhi and won the 'Best Poster Award'.

Best Paper Award

Dr. Debashish Jena, Assistant Professor- Operations Management presented paper on "Implementation of Spreadsheet based Capacity Planning tool for an Auto component manufacturer" at 20th Annual International Conference of the Society of Operations Management (SOM), held at IIITM Gwalior, Madhya Pradesh on 22-24 December 2016 and won the 'Best Paper Award' in the conference.

Mr. Satish Kumar Awasthi (Research Scholar under supervision of Dr. Atul Sharma and Dr. A. Shukla) received "Best Paper Award" for his research paper, "Thermal Regulation of Photovoltaic (PV) Cell" at 8th World Renewable Energy Technology Congress & Expo-2017 held on August 21-23, 2017 in New Delhi.

Mr. Karunesh Kant (Research Scholar under supervision of Dr. A. Shukla and Dr. A. Sharma) selected for prestigious 'Bhaskara Advanced Solar Energy (BASE) Fellowship Program' to undertake part of his thesis work at Virginia Tech, USA

Mr. Shubham Gupta, Mr. Yash Sachan and **Mr. Sanjay Tiwari's** paper on 'Prediction and Interpretation of Methane Gas Content, Using Coal Seams Data of Jharia Coalfield, India' won the 1st prize & published at 1st South Asian Geosciences Student Conference, Geostrata Magazine, (ISBN 9789383701742).

Chapter 08

INSTITUTIONAL COLLABORATION

- Allahabad University
- Indian Institute of Technology Kanpur
- Texas A & M University, USA
- University of Houston, USA
- Chonnam National University, South Korea
- Louisiana State University, USA
- Herion Watts University Aberdeen
- Indian Institute of Technology, BHU
- National Chemical Laboratory
- National Geophysical Research Institute, Hyderabad
- Physical Research Laboratory, Ahmedabad
- University of Massachusetts
- Lund University, Swedan
- Universita di Salerno, Italy
- Universita di Napoli Federico II, Italy

Chapter 09

FACULTY AT RGIPT

Engineering Faculty

Dr. Abhay Kumar Choubey
Ph.D. (BHU) – Chemistry

Dr. Alpesh Kumar
Ph. D. (IIT Kanpur) – Mathematics

Dr. Alok Kumar Singh
Ph.D. (BHU) – Geology

Dr. Amritanshu Shukla
Ph.D. (IIT Kharagpur) – Physics

Dr. Amit Ranjan
Ph.D. (University of Minnesota, USA) – Chemical Engineering

Dr. Atul Sharma
Ph.D. (Devi Ahilya University)
Energy Management

Dr. Chanchal Kundu
Ph.D. (IIT Kharagpur)
Mathematics

Shri D. C. Tewai
Visiting Professor
Petroleum Engineering

Dr. Debashis Panda
Ph.D. (IIT Mumbai) - Chemistry

Dr. Gunjan Kr. Agrhari
Ph. D. (IIT Kanpur)
Chemical Engineering

Dr. M. S. Balathanigaimani
Ph.D. (CNU, South Korea)
Chemical Engineering

Dr. Manoj K. Rajpoot
Ph.D. (IIT Kanpur) – Mathematics

Dr. Milan Kumar
Ph.D. (University of Tennessee)
Chemical Engineering

Dr. Kausik Guha Biswas
Ph.D. (IIT Kharagpur)
Chemical Engineering

Prof. P. K. Bhattacharya
Ph.D. (IIT Bombay)
Chemical Engineering

Dr. Rakesh Kumar
Ph.D. (IIT Kanpur)
Chemical Engineering

Dr. Saurabh Mishra
Ph.D. (CCSU, Meerut) English

Dr. Satish Kumar Sinha
Ph.D. (University of Oklahoma, Norman) – Petroleum Engineering

Dr. Susham Biswas
Ph.D. (IIT Kanpur)
Geo-Informatics

Dr. Shivanjali Sharma
Ph.D. (ISM Dhanbad)
Petroleum Engineering

Dr. Tushar Sharma
Ph.D. (IIT Madras)
Petroleum Engineering

Dr. Umakant Dhar Dwivedi
Ph.D. (IIT Kanpur)
Electrical Engineering

Dr. Umaprasana Ojha
Ph.D. (IIT Bombay)
Chemistry

Dr. Venkata Subbarayadu Sistla
Ph.D. (Otto von G. University, Germany)
Chemical Engineering

Management Faculty

Dr. Anirban Mukharjee
Ph.D. (Kansas State University, USA)
Sociology

Dr. Debashish Jena
Ph.D. (IIM Lucknow)
Operations Management & Operations Research

Dr. Jaya Srivastava
Ph.D. (Banasthali University)
Human Resource Management

Dr. Kavita Srivastava
Ph.D. (IIT Kanpur)
Marketing & Consumer Behaviour

Dr. Rohit Bansal
Ph.D. (IIT Roorkee)
Accounting & Financial Management

Dr. Sanjay Kumar Kar
Ph.D. (Utkal University)
Marketing & International Business

Dr. Saroj Kumar Mishra
Ph.D. (IIT Kanpur)
Management Studies

Chapter 10

ACHIEVEMENTS & PUBLICATIONS OF FACULTY

Dr. Alok Kumar Singh

Associate Professor & HoD- Petroleum Engineering & Geological Sciences Division

Research papers published in journals:

- Singh, A.K., 2016: Petrographic Characteristics and evolution of the Karharbari coals, Talcher Coalfield, Orissa, India. International Journal of Coal Science & Technology, 3(2):133–147.
- Singh et al., 2016: Peat swamps at Giral lignite field of Barmer basin, Rajasthan, Western India: understanding the evolution through petrological Modeling. International Journal of Coal Science & Technology, 3(2):148–164.
- Singh, A.K. 2016: Petrographic and Geochemical Characterization of Coal from Talcher Coalfield, Mahanadi Basin, India. Geological Society of India (Springer), Vol.87, May 2016, pp.525-534.

Conferences attended outside RGIPT:

- Petrotech-2016, 12th International Oil & gas Conference, 05-07 December, 2016, New Delhi, India
- 7th World Petro Coal Congress & Expo-2017 at Main Auditorium, Convention Centre- NDCC, Parliament Street, New Delhi, India during 15th February- 17th February 2017

Industrial tour:

- Conducted Geological Tour in and around Doon Valley

Project guided:

- B. Tech. 2, M. Tech. 1

Other Activities:

(a) Industry visited and visits to other Institutes for research:

- Birbal Sahni Institute of Paleosciences, Lucknow
- of Advanced Study in Geology, Institute of Science, B.H.U, Varanasi

(b) Awards and Honors:

1. Subrato Ghosh Coal Petrology Award 2015-2016 for the contribution to the science of Coal Petrology and Coal Chemistry by The Mining, Geological and Metallurgical Institute of India in the year 2016 (0n 20.9.2016)
2. 3rd Best Paper Award In 7th World Petro Coal Congress

Dr. Amritanshu Shukla

Associate Professor- Physics

Paper/book published:

- Systematic study of Bubble Nuclei in Relativistic Mean Field Theory
  A Shukla, Sven Aberg and Awanish Bajpeyi — Physics of Atomic Nuclei 79, 1 (2016).
- Nuclear structure studies using relativistic mean field theory in mass region A~130
  A Shukla, Sven Aberg and Awanish Bajpeyi — Journal of Physics G44, 025104(2017).
- Thermal Energy storage based solar drying systems: A review
  Karunesh Kant, A. Shukla and A. Sharma, Anil Kumar & Anand Jain — Innovative Food Science and Emerging Technologies 34, 86 (2016).
- Performance evaluation of fatty acids as phase change material for thermal energy storage
  Karunesh Kant, A. Shukla and A. Sharma — Journal of Energy storage 6, 153 (2016).
- Thermal response of poly-crystalline silicon photovoltaic panels: Numerical simulation and experimental study
  Karunesh Kant, A. Shukla, A. Sharma and Pascal Henry Biwole — Solar Energy 134, 147 (2016).
- Heat transfer studies of photovoltaic panel coupled with phase change material
  Karunesh Kant, A. Shukla, A. Sharma and Pascal Henry Biwole — Solar Energy 140, 151 (2016).

- Solar greenhouse with thermal energy storage: A review A. Shukla, Atul Sharma and Karunesh Kant Current Renewable & Sustainable Energy Reports Vol. 3, 58, (2016).
- Ternary mixture of fatty acids as phase change materials for thermal energy storage — Karunesh Kant, A. Shukla and Atul Sharma — Energy Reports Vol. 2, 274, (2016).
- Cooling methodologies of photovoltaic module for enhancing electrical efficiency: A review A. Shukla, Karunesh Kant, A. Sharma and Pascal Henry Biwole — Solar Energy Materials and Solar Cells, 160 275 (2017).

Book Chapters

- **Use of Building Integrated Photovoltaic (BIPV): A significant step towards green buildings** Karunesh Kant, **A. Shukla,** and Atul Sharma Energy Security & Sustainability: Present and Future (book published by CRC press/Taylor & Francis Publishing USA, ISBN 9781498754439).

Conferences/ Symposia Proceedings

- **Study of proton capture rates: ^{96}Ru, ^{98}Ru** Awanish Bajpeyi, **A. Shukla** and A. J. Koning Presented at DÆ Symposium 2016 on Nuclear Physics held at Saha Institute of Nuclear Physics (SINP), Kolkata (published in Proceedings of DÆ-BRNS Symposium on Nuclear Physics 2016).
- **Thermal Conductivity Enhancement of Paraffin Wax with Graphene Nano-Particles** Karunesh Kant, **A. Shukla**, Atul Sharma Presented at National Conference on Solar Thermal Energy Technologies (NCSTET) 2016 held at IIT Jodhpur during February 26–28, 2016.

Books Published

Energy Security & Sustainability: Present and Future (2016, published with CRC press/Taylor & Francis Publishing USA, ISBN 9781498754439).

1. Participation in conference/workshop/seminar- N.A.
2. Short course conducted –N.A.
3. Research project awarded with value of project – N.A.
4. Conference/workshop/seminar organized in campus
5. Guest faculty/industry expert/dignitary invited by you/department

Award/recognition

- Attended meeting of National Innovator's club held at Rashtrapati Bhavan, New Delhi (March 2017).
- Best poster award at 7th World Renewable Energy Technology Congress & Expo-2016 held at Convention Centre-New Delhi City Centre, Parliament Street, New Delhi, India (Aug 2016).

Membership of any professional body (in the said duration):

- Life Member of Solar Energy Society of India.

Any other information you like share:

- Visited Lund University, Sweden for collaborative research work in nuclear Physics with Prof. Sven Åberg, Professor and Head of Mathematical Physics, Lund University, Sweden (May 2016).
- Visited Jean Alexandre Dieudonne Laboratory, UMR CNRS 7351, of the University of Nice Sophia Antipolis, France, for collaborative research work in on research topics of common interest on mathematical modeling of phase change material thermal behavior, when integrated to low energy buildings components, such as photovoltaic panels or walls with Prof. Henry Biwole Pascal (June 2016).

Dr. Abhay Kumar Choubey

Associate Professor- Chemistry

Paper/book published: 1 Book Chapter

- 'The Hydrogen Initiative: Technological Advancements & Storage Challenges' has been published in a book on 'Energy Security & Sustainability of CRC Press, Boca Raton, USA, 2016

Participation in conference/workshop/seminar:

- Participated in an International seminar on "India's Leap into the Methanol Economy: Opportunities and Options for Energy Security" organized by NITI Aayog, in New Delhi on September 6-7, 2016.
- Attended 12th biennial International Oil & Gas Conference cum Exhibition 'Petrotech- 2016' held in New Delhi from 5th–7th December 2016.

Research project awarded – 01 under consideration:

- Application of Gels for Water Shut-off and Profile Modification Jobs in Hydrocarbon Bearing Reservoirs Status: Under Review at 2nd stage by SERB, DST, Govt. of India)

Guest faculty/industry expert/dignitary invited by you/dept.

- Prof. S. N. Upadhyay, Former Director & Emeritus Professor, IIT(BHU) as Chief guest in an event

Industrial tour

- Currently guiding 2 Ph.D. students namely Ms. Reena Yadav and Ms. Vartika Srivastava in the areas of Petroleum Engineering and Chemistry.
- B. Tech. (Chemical Engineering) projects: 4

Any other administrative responsibilities

- Chairman, Disciplinary Committee of RGIPT
- Chairman, Council of Wardens
- Editorial board member of international journal, Journal of Petroleum Engineering & Technology
- Cheque signatory
- Developed a course on Energy & Environment for M. Sc. (Energy Sciences) program at RGIPT

Dr. Atul Sharma

Associate Professor, Reneweble Energy

Paper/book published

Book Publication:

Amritanshu Shukla and Atul Sharma
Energy Security and Sustainability, CRC Press, Taylor and Frances Group, ISBN 9781498754439 (2016).

Book Chapter Publications:

Om Prakash, Anil Kumar and Atul Sharma
Solar Drying, CRC Press, Taylor & Francis Group, series editor: Jochen Bundschuh, Karlsruhe University of Applied Sciences, Institute for Applied Sciences, Karlsruhe, Germany, ISBN 9781138029705, p. 235-258 (2017).

Karunesh Kant, A. Shukla, Atul Sharma

Use of Building Integrated Photovoltaic (BIPV): A Significant Step Towards Green Buildings, Energy Security and Sustainability (Hardback)- CRC Press, Edited by Amritanshu Shukla and Atul Sharma. ISBN 978-1-49-875443-9, p. 55-92 (2016).

Helia Taheri, Atul Sharma

A Role of Phase Change Materials in Building Applications, Energy Security and Sustainability (Hardback) – CRC Press, Edited by Amritanshu Shukla and Atul Sharma. ISBN 978-1-49-875443-9, p. 113-134 (2016)

Section Editor:

Section Editor of a special issue on "Topical Collection on Regional Renewable Energy" in 'Current Sustainable/ Renewable Energy Reports' journal, Volume 3, Issue 3-4, December 2016.

Invited Talk:

An Introduction to Phase Change Materials (PCMs) and Their Utilization For Thermal Energy Storage Applications, December 20, 2016, Organized by College of Engineering Adoor, Manakkala, Pathanamthitta District, Kerala.

Guest Lecturer:

Development and Utilization of Phase Change Materials (PCMs) for Building Applications, February 29, 2016, Organized by School of Architecture, BBD University, Lucknow.

Journal Paper:

Karunesh Kant, A. Shukla, Atul Sharma
Heat Transfer study of Phase Change Materials with Graphene Nano Particle for thermal energy storage, Solar Energy, Vol. 146, 453–463 (2017).

A. Shukla, Karunesh Kant, Atul Sharma
Solar Still with Latent Heat Energy Storage: A Review, Innovative Food Science and Emerging Technologies, Vol. 41, 34-36 (2017).

Tripti Rai, Atul Sharma, Debashis Panda
Quantifying the Role of Silver Nanoparticle in Modulation of the Thermal Energy Storage Properties of PAM-Ag Nanocomposites, New Journal of Chemistry (2017).

Karunesh Kant, A. Shukla, Atul Sharma, Pascal H. Biwlœ
Cooling methodologies of photovoltaic module for enhancing electrical efficiency: A review, Solar Energy Materials & Solar Cells, Vol.160, 275-286 (2017).

Karunesh Kant, A. Shukla, Atul Sharma
Ternary mixture of fatty acids as phase change materials for thermal energy storage applications, Energy Reports, Vol.2, 274-279 (2016).

Karunesh Kant, A. Shukla, Atul Sharma, P. H. Biwlœ, Heat transfer studies of photovoltaic panel coupled with phase change material, Solar Energy, Vol. 140, 151–161 (2016).

Ruchika Gupta, Soumya Kedia, Neelam Saurakhiya, Atul Sharma, Amit Ranjan
Fatty Acid Mixtures In Nanofibrous Polymeric Material, Solar Energy Materials & Solar Cells, Vol. 157, 676-685 (2016).

Karunesh Kant, A. Shukla, Atul Sharma, Pascal H. Biwlœ
Thermal response of poly-crystalline silicon photovoltaic panels: Numerical simulation and experimental study, Solar Energy, Vol. 134, 147-155 (2016).

Sanjay Kumar Kar, Atul Sharma, Biswajit Roy
Solar energy market developments in India, Renewable and Sustainable Energy Reviews Vol. 62, 121-133 (2016).

Karunesh Kant, A. Shukla, Atul Sharma
Performance evaluation of fatty acid as phase change material for thermal energy storage, Journal of Energy Storage, Vol. 6, 153-162, (2016).

Karunesh Kant, A. Shukla, Atul Sharma, Anil Kumar, Anand Jain
Thermal Energy storage based solar drying systems: A review, Innovative Food Science and Emerging Technologies, Vol. 34, 86-99 (2016).

Participation in conference/workshop/seminar

- First International Conference on Advanced Materials for Power Engineering (ICAMPE-2015), December 11-13, 2015 Organized by Wroclaw University of Technology, 27 Wybrzeze, Wyspianskiego St 50-370 Wroclaw, Poland and International and Inter University Centre for Nanoscience and Nanotechnology (IIUCNN), Mahatma Gandhi University, Kottayam, Kerala, India.
- Attended the Department of Science and Technology (DST) 'Expert Panel Meeting' for screening the proposals received against the MES-Call 2016, 29th August 2016 in New Delhi.

Research project awarded with value of project

A research Project Proposal entitled "Thermal Regulation of Photovoltaics (PV) Cells using Phase Change Materials (PCMs)" submitted to Council of Science & Technology (U.P.), "VIGYAN BHAWAN", Lucknow.

Principal Investigator	:	Dr. Atul Sharma
Co- Principal Investigator	:	Dr. Amritanshu Shukla
Total Cost	:	Rs. 10,44,000/-
Date of Start	:	30th March 2017

Award/recognition

Best poster award at 7th World Renewable Energy Technology Congress (WRETC) & Expo-2016, August 21-23, 2016 held at Convention Centre-New Delhi City Centre, Parliament Street, New Delhi, India.

Dr. Chanchal Kundu

Associate Professor- Mathematics

Details of R & D activities

My field of interest is reliability theory, to be more specific

- Reliability of a system/component
- Stochastic ordering and ageing
- Statistical information theory
- Order statistics and record values

Currently working on the following projects funded by DÆ & DST

Project #1:

- Title: On the Study of Information Theoretic Measures for Doubly Truncated Random Variables (Ref. No. 2/48(4)/2015/NBHM(R.P.)/R&D II/14130).
- Principal Investigator: Dr. Chanchal Kundu
- Co-Investigator: Nil
- Sponsor Agency & Cost: NBHM, Dept. of Atomic Energy, Govt. of India; Rs. 13,29100/-
- Status & Duration: Ongoing (Nov. 2015- onwards); 3 yrs
- Person Working: One JRF.

Project #2:

- Title: On Some Properties of Expected Inactivity Time having Applications in Reliability (Ref. No. SR/FTP/MS-016/2012)
- Principal Investigator: Dr. Chanchal Kundu
- Co-Investigator: Nil
- Sponsor Agency & Cost: SERB, Dept. of Science and Technology; Rs. 10.92 lakh.
- Status & Duration: Ongoing (Mar. 2014- onwards); 3 yrs
- Person Working: One JRF.

List of Research Publications:

1. Kundu, C. and Patra, A. (2017), Some results on residual life and inactivity time at random time. Communications in Statistics- Theory & Methods, DOI: 10.1080/03610926.2017.1303735. Online First. (Taylor & Francis Group)
2. Kundu, A. and Kundu, C. (2017), Bivariate extension of (dynamic) cumulative past entropy. Communications in Statistics- Theory & Methods, Vol. 46, pp 4163-4180. (Taylor & Francis Group)
3. Kundu, C. (2017), On weighted measure of inaccuracy for doubly truncated random variables. Communications in Statistics- Theory & Methods, Vol. 46, pp 3135-3147. (Taylor & Francis Group)
4. Kundu, C. (2016), Chernoff distance for double truncated distributions. Communications in Statistics- Theory & Methods, DOI: 10.1080/ 03610926.2016.1239109. Online First. (Taylor & Francis Group)
5. Kundu, C. and Ghosh, A. (2016), Inequalities involving expectations of selected functions in reliability theory to characterize distributions. Communications in Statistics- Theory & Methods, DOI: 10.1080/03610926.2016.1183784. Online First. (Taylor & Francis Group)
6. Ghosh, A. and Kundu, C. (2016), Chernoff distance for conditionally specified models. Statistical Papers, DOI: 10.1007/s00362-016-0804-5. Online First. (Springer)

Some more papers have been revised/submitted for publication.

Ph. D. students Supervised:

- Amit Ghosh (PMATH13-001) & Arijit Patra (PMATH16-001)
- Status: Ongoing

Details of R & D activities (Proposal for next two years)

Project to be Submitted:

- Project Title: On the Study of Kerridge's Inaccuracy Measure and related Concepts having Applications in Information Sciences and Coding Theory.
- Duration: 3 Years
- Total Cost: Rs. 25 lakhs

Papers Reviewed for:

- Statistics and Probability Letters by Elsevier
- Communications in Statistics- Theory & Methods by Taylor & Francis Group
- Communications in Statistics- Simulation & Computation by Taylor & Francis Group
- Statistics by Taylor & Francis Group
- Statistical Papers by Springer

Membership

- Life member of International Indian Statistical Association (IISA)
- Member of Indian Science Congress Association, Calcutta

Details of Administrative Responsibilities:

1. Chairman of Cultural Program Committee (Mar., 2016- till date)
2. Chairman of PG admission Committee (August'16-Jan.'17)
3. Library Committee Member (Oct., 2012 – till date)

Dr. Debashis Panda

Assistant Professor- Chemistry

Details of R & D activities

- **Project:** Distribution of uranium and associated water quality parameters in 5 districts of Uttar Pradesh
  Role: Co-PI
  Budget: 26.97 lakh
  Agency: Department of Atomic Energy (BRNS)
  Status: Approved (ongoing)
- **Project:** Investigation of Slug Flow manifested Enhanced Mass Transfer and Reaction Kinetics in Microreactors
  Role: Co-PI
  Budget: 44.48 lakh
  Agency: Department of Science & Technology
  Status: Under consideration (EMR/2016/001683)

Details of R & D activities
(Proposal for next two years)

Proposal-I:
Electrocatalytic Activity of Graphene supported Metal Nanoclusters and Application thereof
Role: Program Coordinator
Budget: 30.03 lakh
Agency: BRICS (Department of Science & Technology)
Status: Under consideration (Proposal No. 144) submitted in August, 2016

Proposal-II:
Synthesis & characterization novel Metal nanoclusters for catalytic reaction and bioimaging

Proposal-III:
Enhanced pre-treatment method for Biofuel Production

Number of papers published

Peer-reviewed journals:

- A. Singh, T. Rai, D. Panda, "Photoluminescence dynamics of copper nanoclusters synthesized by cellulose: role of the random-coil structure", RSC Advances, 2016, 6, 55539–55545

Conference:

1. T. Rai and D. Panda, "Quantifying the Role of Silver Nanoparticle in Modulation of the Energy Storage Properties of Nanocomposites", 4th International Conference on Advanced Nanomaterial and Nanotechnology (ICANN-2015), Indian Institute of Technology Guwahati (IITG), December, 2015.
2. A. Singh, D. Panda, "Interaction of Enzyme Synthesized Copper Nanocluster with Surfactants" 13th DAE-BRNS Biennial Trombay Symposium on Radiation & Photochemistry (TSRP-2016), Bhabha Atomic Research Centre,Mumbai, January, 2016.
3. T. Rai and D. Panda, "Decoding The Energy Storage Dynamics Of Nanocomposites" National Conference on Science for Society: An Interdisciplinary Approach and 3rd Lucknow Science Congress (LUSCON- 2015), Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow, November 2015.

Awards and honours/national/international conferences attended (full details) during April 2015 to March 2016

Attended 13th DAE-BRNS Biennial Trombay Symposium on Radiation & Photochemistry (TSRP-2016), Bhabha Atomic Research Centre and the Indian Society for Radiation and Photochemical Sciences (ISRAPS), India to January, 2016.

Thesis supervised

Ongoing:

Protein-directed synthesis of metal nanoparticles & nanoclusters: An understanding of their energy dynamics

Membership of any scientific society /organization

Life-member: Indian Society for Radiation and Photochemical Sciences, Mumbai

Administrative responsibility

1. Chairman, Tender Evaluation Committee
2. Chairman, Sports Committee
3. Coordinator, Mess-Committee
4. Co-Chairman, Tender Evaluation Committee
5. Member, Chemical Purchase Committee
6. Member, Stationary Items Purchase Committee

Dr. Koushik Guha Biswas

Assistant Professor, Chemical Engineering

Paper/book published: 1 Book Chapter

- 'K.G. Biswas, L.Das, Role of Biodiesel in Indian Renewable Energy, in Current sustainable/Renewable Energy Reports (Springer), Vol 3, 2016, pp 67-71.

Participation in conference/workshop/seminar:

Papers accepted in International Conference

- K.G. Biswas, A.K. Choubey, L.Das, Methanol and Dimethyl ether: Alternative to Existing Fuels, Chemcon, December, 2016.
- K.G. Biswas, T. Sharma, L.Das, Development of a novel static mixer for potential oilfield applications, Chemcon, December, 2016.
- L.Das, K.G. Biswas, T. Sharma, Photocatalytic Degradation of Malachite Green using Nano Titania Catalyst" Chemcon, December, 2016.

- L.Das, K.G. Biswas, A.K. Choubey, Preparation and Characterization Titania-Zirconia Nano composite catalyst and Application for Photo Degradation of Malachite Green, Chemcon, December, 2016.
- U. Kumar, K.G. Biswas, D.Panda, Efficient method to fabricate micro-fluidic reactors, APCEC, March, 2017.
- L. Das, K.G. Biswas, U. Kumar, Treatment of phenolic effluent by photocatalytic reaction, APCEC, March, 2017.

Research project awarded with value of project:

Submitted Two Projects

- Project titled "Design and development of in-line static mixers for potential oilfield applications" to Ministry of Environment, Forest & Climate change, Government of India as Principal Investigator
- Project titled "Application of Gels for Water Shut-off and Profile Modification Jobs in Hydrocarbon Bearing Reservoirs" to DST (SERB) as Co- Principal Investigator.

Conference/workshop/seminar organized in campus:

- Organized one international conference (APCEC 2017) as Joint Secretary (General) at RGIPT in March 2017

Guest faculty/industry expert/dignitary invited by you/ department:

- Invited Prof. S.Ray of IIT, Kharagpur (for delivering invited lecture on "Estimating properties of streams from Crude Distillation Column - online and offline") jointly with Dr. A.K. Choubey under Petrotech Student Chapter in March 2017 at RGIPT.

Industrial tour:

- Visited IIP Dehradun and India Glycols with 3rd year Chemical Engineering students (Currently 4th year, passing out) in April 2016 with Dr. M. Kumar.

Project (B. Tech., M. Tech., Ph.D) guided:

- Completed: Guided 5 B.Tech students for their B.Tech Project (Currently passing out 4th year, from July-December 2016)
- Ongoing: Supervisor of one M.Tech student (Currently M.Tech 1st year) for his M.Tech Project (July 2016- July 2018)

Any other information you like share

Invited Talk

Delivered invited talk on "Process intensification in micro to nano channel geometries" at Fourth International Conference on Nanostructured Materials and Nanocomposites (ICNM 2017), Kottayam, Kerala, February 2017.

- Member of Techno festival and S & T committee (2016- present) at RGIPT.
- Member of Purchase Committee (2016- March 2017) at RGIPT
- Member Tender Evaluation Committee (2016- present) at RGIPT
- Member of Scholarship Committee (2016- present) at RGIPT

Dr. Kavita Srivastava

Associate Professor, Marketing & Comsumer Behaviour

Detail of research/ papers and publication

1. Srivastava, K., and Sharma, N. K. (2016) "Consumer Perception of Brand Personality: An Empirical Evidence from India" Global Business Review, 17 (2), 375-388
2. Srivastava, K., and Chawla, D. (accepted for 2016) "Demographic and Psychographic Antecedents of Ecologically Conscious Consumer Behavior: An Empirical Investigation" International Journal of Indian Culture and Business Management.

Participation in conference

- Participated in Green Revolution Global Certification Program conducted by International Center for Culture & Education; Supported by United Nations Framework Convention on Climate Change
- Participated in Hindi Workshop (with BPCL) conducted at RGIPT NOIDA
- Attended Case Research Workshop conducted at RGIPT NOIDA
- Attended 2nd ORF-PRIO Conference on *"Future Scenarios For An Urbanizing India:*

Governance, Security & Environmental Change" Observer Research Foundation (ORF), New Delhi, and the Peace Research Institute Oslo (PRIO), Norway.

- Attended Webinar of ISB-Ivey Global Case Competition 2016
- Presented a paper titled "Consumer Perception of Brand Personality Dimensions" in the conference on Brand Management organized by IIT Delhi on 16-17 April

Award/reorganization

Reviewer of *Paradigm* - the Journal of IMT Ghaziabad.

Membership of any scientific society /organization: AIIMS International

Dr. Rakesh Kumar

Assistant Professor-Chemical Engineering

Publications:

- Divyam Jha, Md. Belal Haider, Rakesh Kumar, M.S. Balathanigaimani "Extractive desulfurization of dibenzothiophene using phosphonium-based ionic

liquid: Modeling of batch extraction experimental data and simulation of continuous extraction process" Chemical Engineering Research and Design, 111 (2016) 218–222.

- Md. Belal Haider, Zakir Hussain, Rakesh Kumar "CO_2 absorption and kinetic study in ionic liquid amine blends" Journal of Molecular Liquids, 224 (2016) 1025–1031.
- Zakir Hussain, Md. Belal Haider, Rakesh Kumar, "UsageSpecific Biodiesel Production with and without catalytic booster" Materials Today: Proceedings, 3 (2016) 4115–4120.
- Balraj Bandary, Zakir Hussain, Rakesh Kumar, "Effect of carbon and nitrogen sources on Escherichia coli bacteria in removing dyes" Materials Today: Proceedings 3 (2016) 4023–4028.
- M. S. Balathanigaimanil, Md. Belal Haider, Divyam Jha, Rakesh Kumar, Seung Jæ Lee, Wang Geun Shim, Ho Kyong Shon, Sang Chai Kim, and Hee Moon, "Nanostructured Biomass Based Carbon Materials from Beer Lees for Hydrogen Storage" Journal of Nanoscience and Nanotechnology, 17 (2017) 1–4.

Conferences:

- Zakir Hussain, Md. Belal Haider, Rakesh Kumar "Usage specific biodiesel production with and without catalytic booster" International conference on materials research and applications (ICMRA-2016) held on 11-13 March, at CMR Technical campus, Hyderabad, India.
- Balraj Bandary, Zakir Hussain, Rakesh Kumar "Effect of carbon and nitrogen sources on Escherichia coli bacteria in removing dyes" International conference on materials research and applications (ICMRA-2016) held on 11-13 March, at CMR Technical campus, Hyderabad, India.

Project Completed

Title of the project: "CO2 capture using ionic liquids: experiments and molecular modeling"

Total Sanctioned Fund: ~26.5 lacs

Funding Agency: Department of Science and Technology (DST) India

Time Duration: July-2013 to January 2017

Lecture Delivered

- Deliverd the lectures on the topic "Chemical Process Modelling and Simulation" to IOCL officers on 8th August and 31st October 2017.

Dr. Rohit Bansal

Assistant Professor, Accounting & Financial Management

Paper/book published: 1 Book Chapter

- Rohit Bansal (2016) "A Comparative Financial Performance Analysis: Study of Indian and Global Oil Companies", Oil, Gas & Energy Law Intelligence, Vol. 14, Issue 4, pp 01-29.\

Participation in conference/workshop/seminar:

- Petrotech 2016, the 12th edition of Oil and Gas conference & Exhibition being organized, under the ægis of ministry of petroleum and natural gas, Government of India, 5th to 7th December 2016 at Vigyan Bhawan, New Delhi.

Participation in conference/workshop/seminar:

- Organized International Conference on Advances in Petroleum, Chemical, and Energy Challenges (APCEC) during 24-25th March 2016

Membership of any professional body:

- Life time Membership of All India Management Scholar (AIMS), India (Membership ID: B-1074)

Any other information you like share:

- Aakanksha Mahajan, Sushil Kumar and Rohit Bansal, (2017) "Diagnosis of Diabetes Mellitus Using PCA and Genetically Optimized Neural Network", at International conference on computing communication and Automation, 5th-6th-2017, Galgotia University.
- Abhishek Dixit, Sushil Kumar, Millie Pant and Rohit Bansal (2017), "BBO-DE: Hybrid Algorithm based on BBO and DE" at International conference on computing communication and Automation, 5th-6th-2017, Galgotia University.
- Reviewer for "Financial Options," in Core Curriculum Series in Finance for Harvard Business Publishing (HBP).
- Developing "Practice Questions" in Core Curriculum Series in Finance for Harvard Business Publishing (HBP).
- Member of Editorial Board of (ARSEAM) Journal Academic Research In Science, Engineering, Art and Management.

Dr. Susham Biswas

Assistant Professor, Geo-informatics

Publication (conference and Journal)

- Developing noise prediction model for mining operations, I. Zafar, Abhishek G., Abhishek P., Dilip P., Prince, and Biswas S, 7th World PetroCoal Congress & Expo-2017 at Main Auditorium, Convention Centre-NDCC, Parliament Street, New Delhi, held on February 15-17, 2017
- Predicting health hazard of noise pollution around a typical unplanned road crossing, Biswas S., Zafar I, Prajapat P , Sarkar A, and Ankit, International Conference on New and Renewable Energy Resources for Sustainable Future (ICONRER-2017), February 2-4, 2017, Proceedings.

- Monitoring Tree Resources Outside Forest for carbon storage using satellite images, Biswas S., Zafar I, Toshniwal A, Mohan V, Harsha S, Pandey A, and Janghu, International Conference on New and Renewable Energy Resources for Sustainable Future (ICONRER-2017), February 2-4, 2017, Proceedings.
- Use of LiDAR data to predict noise exposure at a developing city crossing crowded by roadside shops, Biswas S., Zafar I, Accepted, International Land Use Symposium (ILUS), Germany, 2017
- Urban Proliferation of Blue Whale Challenge in India: A Socio-Spatial Analysis, Shukla S., Mukherjee A., and Biswas S, Research Discourse, South Asia Research and Development Institutes, 2017

Participation in conference/workshop/seminar

- International Conference on New and Renewable Energy Resources, SKIT, Jaipur February 2-4, 2017

Conference/workshop/seminar organized in campus

- Organized National Level Technical and Entrepreneurial Festival Urjotsav (February 17-19, 2017) with various club activities from Tinkering Lab, E-Cell and Kode Club. Workshops were organized on Android App Development, Ethical Hacking, Industrial Automation, Mobile Controlled Robotics and Arduino Programming.

Guest faculty/industry expert/dignitary invited by you/ department

- Mr. Anand Reddy, Director Commercial, Green Gas Limited, Mr. Rajeev Mathur, MD, MGL, Dr. Sanjay Singh, Professor Economics, IIM Lucknow Prof. Krishnaiah (Ex-Dean, IIT Madras), Mr. L Raghuraman (Business Manager, Sim Infosystems), Mr. Biswajit Roy, Director, Oil India Limited, visited RGIPT as part of dignitaries for Urjotsav and "Institute-Industry Conclave during February 17-19, 2017

Industrial tour

- Conducted an industrial tour to Modern Rail Coach Factory, Lalganj, Ræbareli for 1st year B. Tech. Petroleum and Chemical students to provide industrial exposure for the course Engineering Graphics and Workshop Practices

Project (B. Tech., M. Tech., Ph.D) guided

- UG students Mr. Vivek Tyagi worked on oil spill extraction algorithm using images and Mr. Ankit Sharma worked on Indoor Acoustic designing under my supervision

Dr. Shivanjali Sharma

Assistant Professor, Petroleum Engineering

Paper/book published:

- "Experimental and Modelling hydraulic studies of foam drilling fluid flowing through vertical smooth pipes",Amit Saxena,A.K Pathak,Keka Ojha,Shivanjali Sharma, Vol.26,Issue 2,June 2017,Pages 279-290,Egyptian Journal of Petroleum
- "An empirical correlation for estimating the viscosity of non-Newtonian waxy crude oils,Shivanjali Sharma,Vikas Mahto,Virender Parkash Sharma,Amit Saxena,34(6),523-530,April 2016,Journal of Petroleum Science and Technology

Participation in conference/workshop/seminar:

- Presented paper on "Application of Zinc Titanate Nanoparticles prepared by calcining the electrospun solution in the synthesis of drilling mud",Shama Perween,Shivanjali Sharma, Amit Ranjan on January 12-14,2017 at PEDJP 2017 AT IIT (ISM) Dhanbad
- Presented paper on "Designing of Cement Slurry for HP HT wells",Vikas Sharma,Pukhraj Prajapat,Shivanjali Sharma on January 12-14,2017 at PEDJP 2017 AT IIT (ISM) Dhanbad
- Presented paper on "Review study of factors affecting enhanced oil recovery with magnetic and non-magnetic nano particles"",Pawandeep Bagga ,Shivanjali Sharma on January 12-14,2017 at PEDJP 2017 AT IIT (ISM) Dhanbad
- "Cationic Copolymerbased Silicate Mud for Wellbore Stabilityin Shale Formation", Mukarram Beg, Shivanjali Sharma, APCEC-24-25th March 2017, RGIPT

Conference Organised:

- Organised first International Conference on "Advances in Petroleum,Chemical and Energy Challenges", APCEC-2017 on 24-25th March,2017 at RGIPT, JAIS.

B. Tech/M. Tech Guidance

- Guided B.Tech project of 6 students on the topic "Effect of Barite Concentration on stability of emulsion based drilling fluid"
- Guided one M.Tech student on the topic "Effect of local organic polymer & Zinc Titanate Nano-particle on properties of Water Based Drilling Fluid and development of new rheological model to describe drilling mud behaviour"

Dr. Saurabh Mishra

Associate Professor, English Literature

Paper/book published

Book Chapter

- Mishra S. 2016. Renewable Energy Awareness and Education in India. Current Sustainable Renewable Energy Reports. Springer. ISSN: 2196-3010.
- Mishra S. and P. Singh. 2016. Energy Sustainability Communications in A. Shukla, A. Sharma (ed) Energy Security and Sustainability, CRC Press, ISBN 9781498754439.

- Kar S. K, Sinha P. K and Mishra S. 2016. Sabarkantha Gas Limited: Challenges of Marketing Natural Gas. Asian Case Research Journal. Vol 20, Issue 01.World Scientific Publishing. Print ISSN: 0218-9275.Online ISSN: 1793-6772.
- Mishra S. 2016. The White Tiger- A Marvel of Imagery: An Analogical Audit. New Academia: An International Journal of English Language, Literature and Literary Theory. Volume V Issue II April 2016. ISSN 2347-2073.
- Singh. P, Mishra S. 2016. "Natural Laws and Deviations in Sexuality: The Role of Media", published in book titled Responsible Marketing for Sustainable Business. R.K Miryala and J.P Mennakkanti. Zenon Academic Publishing Hyderabad India. ISBN 978-93-85886-00-3.
- Mishra S. 2016. Psycho-Sexual Treatment of Taboo and CSA in Mahesh Dattani's –'Thirty Days in September' International Journal of English and Literature. Vol. 6, Issue 2, Apr 2016, 15-20. ISSN: 2249-8028.

Poetry published:

- Mishra S. 2016. Trance in Past, New Academia: An International Journal of English Language, Literature and Literary Theory, Volume V Issue II April 2016. ISSN 2347-2073.
- Mishra S. 2016. Time, New Academia: An International Journal of English Language, Literature and Literary Theory, Volume V Issue II April 2016. ISSN 2347-2073.

BOOK:

- Mishra S. 2016. "Constellations- A Sea of Emotions". Authors Press, New Delhi. ISBN 9789352073696.

Participation in conference/workshop/seminar

- I.C.S.S.R & U.G.C. sponsored National Seminar on Responsible Marketing for Sustainable Business, Mahatma Gandhi University, Nalgonda, Telangana, 2016.

Membership of any professional body

- Life Member, Comparative Literature Association of India (CLAI), New Delhi.
- Life Member ALL INDIA ASSOCIATION FOR ENGLISH STUDIES(I.A.E.S.)
- Associate Member, IIPA, New Delhi.
- Member, Muse India, Literary e journal.
- Member, Asia-Pacific Writing Partnership community.
- Member, The Global Association of English Studies.

Project (B. Tech.,M. Tech., Ph.D) guided

- Ms. Priyanka Singh

Any other information you like share

- FLOATED AND CONDUCTED NEW COURSE FOR Ph.D scholars course work- Technical Writing and Documentation Skills.

Dr. Sanjay Kumar Kar

Associate Professor &
Head - Department of Management Studies

Paper/book published:

- Kar, S. K. and Pathak, Y. (2017), 'Oil price fluctuations: The impact on major oil exporting countries in the Middle East', Oil & Gas Financial Journal-April 2017, p.36-39
- Kar, S. K. and Kumar, V. (2017), 'Winds of Change: The Agent for Green India' (2017) Energy Future, Volume- 5, Issue 3. pp. 12-21
- Kar, S. K. (2017), 'India's upstream needs independent regulator', Oil & Gas Journal, 6 February. pp.36-39.
- Kar, S. K. (2016), 'A Short Review of Wind Energy Progress in India', Current Sustainable Renewable Energy Rep, DOI 10.1007/s40518-016-0053-1
- Kar, S. K. and Vaid M. (2016), 'India advancing LNG projects to bridge gas supply gap', Oil & Gas Journal, October 2, Penn Well, The US.
- Kar, S. K. (2016), 'India's green energy; past, present and the future', South Asia Journal, summer, Issue: 17.
- Kar, S. K., Sharma, A. and Roy, B. (2016), 'Solar energy market developments in India', Renewable & Sustainable Energy Reviews, Vol.62, pp.121-133

Book Published

- Natural Gas Markets in India: Opportunities and Challenges, Edited by S. K. Kar and A. Gupta, Springer, Singapore, 2017

Book Chapters

- India's active engagement with natural gas: imperatives and challenges (with M. Vaid), Natural Gas Markets in India: Opportunities and Challenges, Edited by S. K. Kar and A. Gupta, Springer, Singapore, 2017
- A Comprehensive Review of City Gas Distribution in India (with S. K. Kudaisya) In: Natural Gas Markets in India: Opportunities and Challenges, Edited by S. K. Kar and A. Gupta, Springer, Singapore, 2017
- Building and Sustaining Natural Gas Business in India (with P. K. Sinha and B. Dholakia), In: Natural Gas Markets in India: Opportunities and Challenges, Edited by S. K. Kar and A. Gupta, Springer, Singapore, 2017
- Petroleum Exploration and Licensing Policy in India (with T. P. Rao), In: Natural Gas Markets in India: Opportunities and Challenges, Edited by S. K. Kar and A. Gupta, Springer, Singapore, 2017
- Downstream Petroleum and Natural Gas Regulatory Developments in India, In: Natural Gas Markets in India: Opportunities and Challenges, Edited by S. K. Kar and A. Gupta, Springer, Singapore, 2017

- Human Resource Challenges for Gas Sector in India (with A. Gupta) In: Natural Gas Markets in India: Opportunities and Challenges, Edited by S. K. Kar and A. Gupta, Springer, Singapore, 2017.
- Renewable Energy Financing in India, In: Energy Security and Sustainability (with A. Mishra, Edited by A. Shukla and A. Sharma, CRC Press/Taylor and Francis Group, USA 2017.

Participation in conference/workshop/seminar:

- Presented a paper "Green Energy Market in India: Role of Natural Gas and Renewables", 16th Global Energy Village Summit, Salzburg, Austria, 11-13 April 2016.

Short course conducted:

- Conducted a half-day program on "Overview of Business Scenario: Opportunities and Challenges for Power Sector" for Young Executive Association Representatives of NTPC, 21-23, March 2017, Manesar, Haryana, India.

Press/Web Article

- Modi's vision of a New India by 2022, South Asia Monitor, 21 March 2017
- Centre keen on solar push.,Telangana Today. 5 February 2017
- Did FM meet expectations of oil & gas Industry? 01 February 2017. ET Energy World
- What caused the oil price slump and how did it impact India? (With Yash Pathak) 27 January 2017. ET Energy World
- Union Budget 2017: Why the oil & gas sector needs urgent reforms? 17th January 2017, ET Energy World.
- India's energy supply security: prospects and challenges (with Prajit Goswami), 17th January 2017, Modern Diplomacy.
- How bullish is the outlook for oil & gas industry in 2017? 2nd January 2017, ET Energy World.
- Strong India-Japan ties: Crucial for developing Asia-Pacific region, South Asia Monitor, 1st Dec 2016.
- Clean Coal Technology in India: A potential solution to meet increasing energy needs, Modern Diplomacy, 10th November 2016.
- Trade vs terror: Time for China to choose, South Asia Monitor, 6th November 2016.
- China's commitment to sustainable development in Asia's interest, South Asia Monitor, 2nd October 2016.
- Indo-Iran Energy Diplomacy Moving Forward, Iran Review, 1st September 2016.
- India on the e-highway: Miles to go, but worth the try (With Manish Vaid), South Asia Monitor, 11th May 2016
- Gas reforms: Shot in the arm for CGD sector (With Manish Vaid), DNA, 14th April 2016.
- Importing liquefied natural gas (LNG) is the best alternative remedy for India's natural gas deficiency, Financial Express (With Manish Vaid), 12th April 2016.
- Solarization Movement: Solar Power Rising in South India, The Hans India, 8th April 2016.

Guest faculty/industry expert/dignitary invited by you/ department

- Mr Biswajit Roy, Director- HR & BD, Oil India Limited was invited to interact with MBA students
- Mr. Rajeev Mathur, MD, Mahanagar Gas Limited was invited to interact with MBA students

Membership of any professional body:

- American Marketing Association

Dr. Saroj Kumar Mishra

Assistant Professor–Marketing

Paper/book published: 1 Book Chapter

- Bansal, R., Kar, S. K., Mishra, S. K., "A Comparative Financial Performance Analysis: Study of Indian and Global Oil Companies", Oil, Gas & Energy Law Journal (OGEL) [ISSN: 1875-418X], April 2016.

Participation in conference/workshop/seminar:

- Srivastava, K. and Mishra, S. K., "Consumer Perception of Brand Personality Dimensions", Emerald Proceedings of Conference on Brand Management (CBM2016, a Refereed International Conference, ISBN: 9781786354112), 16-17 April 2016, IIT Delhi (in association with Curtin University, Australia).

Membership of any professional body

- Member: European Marketing Academy (EMAC)
- Life Member : Association of Indian Management Scholars (AIMS International)
- Editor: Journal of Advanced Research in Petroleum Technology & Management
- Editorial Review Board: Amity Journal of Marketing

Dr. Satish Kumar Sinha

Associate Professor- Geophysics

Paper/book published

- Sinha, S. K. and Sharma, A., 2016, Shale Gas in the Energy Basket, Energy Security and Sustainability, CRC Press, pp 233-254, DOI: 10.1201/9781315368047-10
- Singh, H. K., Chandrasekharam, D., Trupti, G., Mohite, P., Singh, B., Varun, C. and Sinha, S. K., 2016, Potential Geothermal Energy Resources of India: A Review, Current Sustainable/Renewable Energy Reports, 3(3), pp 80-91, DOI: 10.1007/s40518-016-0054-0
- Sinha, S. K., Sharma, A., Sain, K. and Dewangan, P., 2016, Impedance inversion of water column

reflectivity in Krishna-Godavari Basin, Bay of Bengal, SEG Technical Program Expanded Abstracts 2016, pp. 4936-4940, DOI: 10.1190/segam 2016-13955886.1

- Sinha, S. K., Dewangan, P., Sain, K., 2016, Acoustic reflections in the water column of Krishna-Godavari offshore basin, Bay of Bengal, The Journal of the Acoustical Society of America, 139(5), 2424, DOI: 10.1121/1.4947429
- Sinha, S. K., Dewangan, P., Sain, K., 2016, Estimation of Sea Surface Temperature (SST) Using Marine Seismic Data, Pure and Applied Geophysics, 173(4), pp 1305-1316, DOI: 10.1007/ s00024-015-1178-7
- Tiwari, L. K., Sinha, S. K., Saran, S., Tolpekin, V. A., and Raju, P. L. N., 2016, Forest Encroachment mapping in Baratang Island, India using maximum likelihood and support vector machine classifiers, Journal of Applied Remote Sensing, 10(1), 016016, DOI: 10.1117/1.JRS.10.016016

Participation in conference/workshop/seminar

- SEG international conference, Dallas, Texas, USA
- Keynote speech at International Conference on Petroleum Science and Technology (ICPST – 2016)

Short course conducted

- Short course on Wellbore Stability in Agartala for Tripura Asset of ONGC

Research project awarded with value of project

- Geothermal Energy – Rs. 19.20 lakhs as National PostDoc Fellowship

Conference/workshop/seminar organized in campus

- Research Scholars Day January 4 2017

Guest faculty/industry expert/dignitary invited by you/ department

- Dr. Anil Kumar, CEO of Omak Technologies USA visited RGIPT
- Dr. Kothanda Rama Pichaandi, Scientist from University of California, Santa Barbara
- Dr. Tanmoy Maitra from Stanford visited RGIPT

Award/recognition

- Inspired Teacher at Rashtrapati Bhavan

Membership of any professional body

- SEG, AAPG, SPE

Industrial tour

- Field trip to Dehradun

Project (B. Tech., M. Tech., Ph.D) guided

- PhD-1 (Mr. Laxmi Kant Tiwari)
- B. Tech. Project -2

Dr. Tushar Sharma

Assistant Professor- Petroleum Engineering

Paper/book published

- "1. R. Narukulla, U. Ojha, T. Sharma* (2017). Stable & re-dispersible polyacryloyl hydrazide-Ag nanocomposite Pickering emulsions.Soft Matter. In press.
- T. Sharma, J.S. Sangwai (2017). Silica nanofluids in polyacrylamide with and without surfactant: viscosity, surface tension, and interfacial tension with liquid paraffin. Journal of Petroleum Science and Engineering. 152: 575-585.
- R.R. Ujjwal, T. Sharma, J.S. Sangwai, U. Ojha (2017). Rheological investigation of a random copolymer of polyacrylamide and polyacryl hydrazide (PAM-ran-PAH) for oil recovery applications. Journal of Applied Polymer Science. 134: 44648.
- Sakthivel, S. Velusamy, V. C. Nair, T. Sharma, J.S. Sangwai (2017). Interfacial tension of crude oil-water system with imidazolium and lactam-based ionic liquids and their evaluation for enhanced oil recovery under high saline environment. Fuel. 191: 239-250.
- T. Sharma, S. Iglauer, J.S. Sangwai (2016). Silica nanofluids in an oilfield polymer polyacrylamide: interfacial properties, wettability alteration and applications for chemical enhanced oil recovery. Industrial & Engineering Chemistry Research. 55 (48): 12387-12397.

Participation in conference/workshop/seminar:

- Participated in International Conferences at ISM Dhanbad and RGIPT Jais and submitted followingofresearch articles from our research lab EOR
- Effects of Salinity and Temperature on a Surfactant polymer (SP) Solution for EOR Applications: IFT and Viscosity Measurements.
- Rishiraj Goswami, Tushar Sharma,Department of Petroleum Engineering, International APCEC Conference, 24-25 March, 2017, Jais, Uttar Pradesh.
- Experimental Investigations on Concentration, Dispersion Stability, and Rheological Behavior of a Polymer based Nanofluid Stabilized by SiO2 and TiO2 Nanoparticle and its Combinations.
- Ravi Shankar Kumar, Dr. Tushar Sharma,
- Department of Petroleum Engineering, International APCEC Conference, 24-25 March, 2017, Jais, Uttar Pradesh.
- Dried and Redispersible Pickering Emulsions Stabilized by Gallic Acid and Polymer Coated Nanoparticles for Transportation Processes.

- Ramesh Narukulla, Ravi Shankar Kumar, Rishiraj Goswami, Umaprasana Ojha, Tushar Sharma
- Department of Petroleum Engineering, International APCEC Conference, 24-25 March, 2017, Jais, Uttar Pradesh.
- Preparation of an Oil-In-Water (O/W) Emulsion Stabilized By Polymer Capped Ag-Nanoparticles For Transportation Processes.
- Ramesh Narukulla, Umaprasana Ojha, Tushar Sharma,
- Department of Petroleum Engineering, International PEDJP Conference, 12-14 Jan, Dhanbad, India.
- Nanofluid of an Oil Field Polymer Polyacrylamide (PAM) : Effects of Concentration, Dispersion Stability, and Nanoparticle Combination
- Ravi Shankar Kumar, Ramesh Narukulla, Tushar Sharma
- Department of Petroleum Engineering, International PEDJP Conference, 12-14 Jan, Dhanbad, India.
- Feasibility of Plasma Pulse Technology in Enhancing Productivity of the Oil Fields of Barmer, Rajasthan Basin, India
- Rishiraj Goswami, Ravi Shankar Kumar, Ramesh Narukulla, Tushar Sharma
- Department of Petroleum Engineering, International PEDJP Conference, 12-14 Jan, Dhanbad, India.

Conference Organised

- Lead Convener of International conference "Advances in Petroleum, Chemical, and Energy Challenges (APCEC)" March-2017, RGIPT Jais, Amethi, India.

Guest faculty/industry expert/dignitary invited by you/ department

- Eminent person from Schlumberger India was invited for the talk on Sub Basalt Exploration: India's need, its challenges and value addition by unconventional imaging approach, 28th October, 2016.

Award/recognition

- Faulty advisor for SPE student RGIPT chapter and received Gold Standard designation award for 2017, in recognition of its exceptional programs in industry engagement, operations and planning, community involvement, professional development and innovation.

Membership of any professional body

- SPE Membership-3434114

Membership of any professional body

- M. Tech. (Petroleum Engineering):
  Mr. Rishiraj Goswami (2016-2017). Effect of Ionic Strength on Crude Emulsification and EOR Potential of Micellar Flood for Oil Recovery Applications in High Saline Environment.
  Guide: Dr. Tushar Sharma
  Employment: PhD scholar at IIT Madras in Petroleum Engineering
- B. Tech. (Petroleum Engineering):
  Guided 8 students on various topics in Petroleum Engineering

Dr. Milan Kumar

Assistant Professor- Chemical Engineering

1. Paper/book published:

- M. Kumar, "Quantum Mechanical Investigation of Proton Transport in Imidazolium Methanesulfonate Ionic Liquid", JPC C.

2. Participation in conference/workshop/seminar:

- Attended a seminar on "Smart refineries" held at Delhi on 23/04/2016. Attended an international conference held at RGIPT Jais.

3. Research project awarded with value of project:

- One DST project (Rs. 21.58 Lacs) is in progress.

4. Membership of any professional body: AICHE

- 5. Project (B. Tech., M. Tech., Ph.D) guided: 2 B.Tech. projects, 1 M.Tech project completed. One PhD project is in progress

6. Any other Information:

- Visited IISER Pune for 18 days (23/6/2016-10/7/2016) towards collaborated research work. Paper published is from that work. Reviewed one manuscript. Designed one course "Electrochemical processes and energy systems

Chapter 11

ADMINISTRATIVE OFFICERS & STAFF

Raghunath Bhattacharya
Deputy Registrar

Jitendra Prasad
Corporate Communication Officer

Harish Kumar Yadav
Executive Engineer (Civil)

Anil Kumar Verma
System and Network Administrator

Sudhir Arora
Store and Purchase Officer

Arun Kumar Singh
AR (Sec. to the Director)

Rakesh Kumar Singh
Assistant Registrar (Audit & Accounts)

Narian Kumar Lengay
Junior Admin Officer

Ankit Mohan
Junior Admin Officer

Shweta Negi
Private Secretary

Shikha Malhotra
Account Officer

Md. Iltaf Zafar
Sr. Technical Superintendent

Deepak Asthana
Jr. Technical Superintendent

Dharmendra Pratap Singh
Physical Training Instructor

Lokesh Bhatnagar
Assistant (IT)

Arun Kumar Singh
Jr. Technical Superintendent

Madhu Priya
Jr. Superintendent

Umesh Kumar Sharma
Jr. Superintendent

Tej Prakash Joshi
Jr. Superintendent

Yogesh Sharma
Junior Accountant

Ashwini Kumar Chaudhary
Junior Assistnat (System)

Vivek Singh
Jr. Assistant

Ashok Kumar
Jr. Mechanic

Amit Kumar Bajpai
Junior Assistant

Preeti Singh
Junior Assistant

Umesh Kumar Sharma
Junior Assistant

Govind Kumar Tiwari
Junior Library and Information Assistant

Pradeep Kumar Verma
Junior Library and Information Assistant

Krishna Kumar Sonkar
Junior Library and Information Assistant

Krishna Kumar Sinha
Accountant

Hira Nand Mishra
Hostel Supervisor

Chapter 12

AUDITED FINANCIAL REPORT OF 2016-17

Accounts For The Year 2016-17

The Audited Accounts of RGIPT for the year 2016-17 are attached as Annexure-I. The highlights of the Accounts are as follows:

1. Corpus Fund/Capital Fund (Schedule 1 to Balance Sheet):

Jais

The Corpus Fund of Rs 34734.00 lakh (which includes Rs.25000.00 lakh contributed by the promoting Oil PSUs and surplus interest ploughed back) which stands invested in Bank FDs. The interest earnings from this fund are utilized for recurring expenses and surplus is reinvested on regular basis.

Assam

The Corpus Fund of Rs.21137.00 lakh (which includes Rs.17783.00 lakh contributed by participating Oil PSUs and surplus interest ploughed back) which stands invested in Bank FDs. The interest earning has been used for recurring expenses and surplus is reinvested on regular basis.

At the year end the excess of income over expenditure to the extent of the surplus interest lying invested in FDs with banks/Non-tradable Government Securities has been ploughed back to Corpus Fund as follows:

	Jais (Rs. in lakhs)	Assam (Rs. in lakhs)
From Income & Expenditure account for 2016-17	850.00	173.00

Fund towards Capital Expenditure

The status of Capital Fund received as on 31.3.2017 from Government of India and Grant from OIDB/PSU is as follows:

A. Jais/Rae Bareli Campus:

- GOI Fund of Rs. 13400.00 lakh was received upto 2016-17. During the year 2016-17, fund received was Rs. 10000.00 Lakhs.
- OIDB Grant received upto 31.3.2017 amounts to Rs. 256.62 lakh.

B. Assam Centre:

The Capital Fund received from PSU and OIDB as on 31.3.2017 amounted to Rs. 5371.00 lakh.

2. Reserve and Surplus (Schedule 2 to Balance Sheet)

General Reserve

During the year, Rs. 69.00 lakh has been credited to General Reserve by way of transfer of the excess of income over expenditure as on 31.3.2017.

Depreciation Fund

In order to facilitate suitable funding for replacement of assets in future years, a Fund was created in 2011-12 by transferring equivalent amount of depreciation charge from Income and Expenditure account. The accumulated year end balance including interest earned from the investment made out of Depreciation Fund amounts to Rs.2242.00 Lakh.

3. Earmarked Funds: (Schedule 3 to Balance Sheet)

Earmarked Fund of Rs. 34.97 lakh as on 31.3.2017 represents the balance available in Scholarship Fund after disbursement of Rs 29.46 lakh during the year.

4. Deferred Credit Liability (Schedule 4 to Balance Sheet)

The amount of Rs. 56.27 lakh as on 31.3.2017 represents the balance amount of Research Project Grants received from various agencies like Department of Science and Technology (DST), SERB, DÆ, etc. for future utilization.

5. Current Liabilities & Provisions (Schedule 5 to Balance Sheet)

1. Rs. 19.82 lakh as on 31.03.2017 represents liability for unpaid bills towards revenue expenses/ bills.
2. Rs. 121.58 lakh is liability towards outstanding Statutory Dues for March 2017 payable in 2016-17.

3. Includes Rs. 262.00 lakh towards refundable EMD/ Security Deposit / Retention Money and Student Alumni /Welfare Fund.
4. Based on Actuarial Valuation the accumulated provision of Rs. 143.33 Lakh has been made towards Retirement benefits for Gratuity and Leave Encashment in current year accounts.
5. Provision of Rs. 2677.00 lakh has been made during the year 2016-17 for payment against building construction and PMC fees. A further provision of Rs. 83.39 Lakh has been made toward an Arbitration Award in the matter of contract with M/s Tejveer Singh.

6. Fixed Assets (Schedule 6 to Balance Sheet)

Capital items amounting to Rs. 41400.00 lakh were added during the current year due to capitalization of Jais Campus Project, which was completed and handed over on 7th October 2016 which includes Buildings, Plant and Machinery, Furniture, Building Management System, Electric Equipment and other assets. The Gross Block of Fixed Assets amounted to Rs. 43587.00 lakh including land and the Net Block of Fixed Assets amounted to Rs. 41770.00 Lakh after deduction of Rs. 854.00 Lakh on account of depreciation during current year.

7. Capital Work in Progress (Schedule 6 to Balance Sheet)

The Capital Work in Progress as on 31.03.2017 amounted to Rs. 326.00 Lakh which represents capital expenses of Assam Centre.

8. Investments (Schedule 7 and 8 to Balance Sheet)

Investments from earmarked fund of Rs. 24.00 lakh represents scholarship grant received from Chevron.

9. Current Assets & Loans and Advances (Schedule 9 to Balance Sheet)

The Bank Balance of Rs. 772.71 lakh as on 31.3.2017 includes the following amount

a. Rs. 603.51 Lakh towards Fixed Deposits with various Banks
b. Loans and advances include:
   - Rs. 1506.00 lakh on account of accrued interest income on investment
   - Receivable from M/s NCCL (Contractor) bill a sum of Rs. 1531.00 lakh

10. Income (Schedule 10, 11 and 12)

Total Income of Rs 5201.00 lakh includes interest earning from Fixed Deposits of Rs. 3854.00 Lakh (including accrued interest of Rs. 1506.00 lakh) and Rs. 454.00 Lakh towards Students' Fee and Application Fee.

11. Expenditure (Schedule 13, 14 and 15)

The major head wise expenses for the year are tabulated in Schedule 13, 14 and 15 along with previous year figures as per the summary given below:

Schedule No	Expenses	2015-16 (Rs. in lakhs)	2016-17 (Rs. in lakhs)
13	Academic	609.00	540.00
14	Establishment	767.00	875.00
15	Other Administrative	629.00	978.00
	Total	**2005.00**	**2393.00**

12. Audit Report on Accounts.

The Finance Committee and Board of Governors in the meetings held on 30th November 2017 has considered the Accounts for the year 2016-17 and the Audit Report which is issued by the Principal Director, Commercial Audit & Ex-Officio Member, Audit Board II, New Delhi. A copy of the Audit Report No. MAB-II/RGIPT/17-4/2017-18/229 dated 31st October 2017 is attached in Annexure-II.

The Audit Report on Accounts for the year 2016-17 dœs not contain any adverse comments.

Annexure I

ACCOUNTS OF THE FINANCIAL YEAR 2016–17

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY
RAE BARELI

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ACCOUNTS
FOR THE FINANCIAL YEAR 2016-17

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY
RAE BARELI

ACCOUNTS FOR THE FINANCIAL YEAR 2016-17

1. BALANCE SHEET AS ON 31ST MARCH 2017

2. INCOME AND EXPENDITURE ACCOUNT FOR YEAR ENDED 31ST MARCH 2017

3. RECEIPT & PAYMENT ACCOUNT FOR YEAR ENDED 31ST MARCH 2017

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, RAE BARELI
BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

CORPUS/ CAPITAL FUND AND LIABILITIES	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
CORPUS /CAPITAL FUND	1	11,24,48,54,764.41	8,91,44,05,561.41
RESERVES AND SURPLUS	2	77,24,15,607.68	87,75,06,225.50
EARMARKED / ENDOWMENT FUNDS	3	34,97,490.38	38,88,053.38
SECURED LOANS AND BORROWINGS		-	-
UNSECURED LOANS AND BORROWINGS		-	-
DEFERRED CREDIT LIABILITIES	4	56,27,359.75	76,56,123.75
CURRENT LIABLITITES AND PROVISIONS	5	53,84,50,878.00	59,74,75,548.00
TOTAL		12,56,48,46,100.22	10,40,09,31,512.04
ASSETS			
FIXED ASSETS	6	4,44,13,11,063.55	3,55,35,16,390.55
INVESTMENTS- FROM EARMARKED/ENDOWMENT FUNDS	7	24,00,000.00	24,00,000.00
INVESTMENTS-OTHERS	8	-	6,00,00,000.00
CURRENT ASSETS, LOANS, ADVANCES ETC.	9	8,12,11,35,036.67	6,78,50,15,121.49
MISCELLANEOUS EXPENDITURE (to the extent not written off or adjusted)		0.00	0.00
TOTAL		12,56,48,46,100.22	10,40,09,31,512.04
SIGNIFICANT ACCOUNTING POLICIES	17	Enclosed	
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	18	Enclosed	

ACTING REGISTRAR | HEAD FINANCE | DIRECTOR | PRESIDENT

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, RAE BARELI

INCOME AND EXPENDITURE FOR THE PERIOD/YEAR ENDED 31ST MARCH'2017

AMOUNT (₹)

INCOME	SCHEDULE	CURRENT YEAR	PREVIOUS YEAR
INCOME FROM SALES/SERVICE		0.00	0.00
GRANTS/SUBSIDIES		0.00	0.00
FEES/SUBSCRIPTIONS	10	4,54,10,621.00	4,79,98,366.00
INCOME FROM INVESTMENTS			
(Income on invest. From earmarked/endow. funds transferred to funds)			
INCOME FROM ROYALTY, PUBLICATION ETC.		0.00	0.00
INTEREST EARNED	11	38,54,92,782.00	47,68,95,453.45
OTHER INCOME	12	37,56,834.50	32,39,692.00
DEFFERED REVENUE INCOME (TRANSFERRED FROM CAPITAL FUND - DEPRECIATION)		8,54,40,222.00	1,72,43,382.00
TOTAL - (A)		52,01,00,459.50	54,53,76,893.45
EXPENDITURE			
ACADEMIC EXPENSES	13	5,39,98,251.00	6,08,72,997.00
ESTABLISHMENT EXPENSES	14	8,75,23,521.00	7,67,24,791.00
OTHER ADMINISTRATIVE EXPENSES	15	9,78,09,291.32	6,29,01,584.63
EXPENDITURE ON GRANTS, SUBSIDIES ETC.		0.00	0.00
PROVISION FOR DOUBTFUL DEBTS		0.00	3,72,500.00
PRELIMINARY EXPENSES WRITTEN OFF		0.00	0.00
DEPRECIATION (Net Total at the year end - corresponding to Schedule - 6)		8,54,40,222.00	1,72,43,382.00
TOTAL - (B)		32,47,71,285.32	21,81,15,254.63
BALANCE BEING EXCESS OF INCOME OVER EXPENDITURE FOR THE YEAR C = (A-B)		19,53,29,174.18	32,72,61,638.82
ADD (LESS) : PRIOR PERIOD ADJUSTMENT (NET) (D)	16	-6,84,112.00	66,47,628.00
NET EXCESS OF INCOME OVER EXPENDITURE (C-D)		19,46,45,062.18	33,39,09,266.82
TRANSFER TO DEPRECIATION FUND		8,54,40,222.00	1,72,43,382.00
TRANSFER TO (FROM) CORPUS FUND RAEBARELI		8,49,81,625.00	(20,90,85,113.00)
TRANSFER TO CORPUS FUND ASSAM		1,73,34,164.00	31,81,29,584.00
TRANSFER TO GENERAL RESERVE		68,89,051.18	20,76,21,413.82
BALANCE BEING SURPLUS/(DEFICIT) CARRIED TO CORPUS/CAPITAL FUND		0.00	0.00
SIGNIFICANT ACCOUNTING POLICIES	17	Enclosed	
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	18	Enclosed	

ACTING REGISTRAR | **HEAD FINANCE** | **DIRECTOR** | **PRESIDENT**

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RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, RAEBARELI

RECEIPT AND PAYMENT ACCOUNT FOR THE YEAR ENDED 31ST MARCH'2017

AMOUNT (₹)

PREVIOUS YEAR	RECEIPTS	AMOUNT (Rs.)	AMOUNT (Rs.)	PREVIOUS YEAR	PAYMENTS	AMOUNT (Rs.)	AMOUNT (Rs.)
	OPENING BALANCES				**EXPENSES**		
	WITH SCHEDULED BANKS						
	IN SAVING ACCOUNTS			55801662.00	Academic Expenses	48011670.00	
3552714.11	ICICI Bank - 000701260248	904280.11		72598948.00	Establishment Expenses	81667797.00	
3004505.62	HDFC Bank - 00031110004499	3355082.94		59709913.32	Administrative Expenses	80406264.18	
337076958.48	Corporation Bank - 027022	393658568.48		302405.00	Prior Period Expenditure	165660.00	210251391.18
96416.00	ICICI Bank - 000701258840	101300.00					
1865799.29	ICICI Bank - 034301002171	3117207.29			**REFUNDS/OTHER PAYMENTS**		
291942.17	HDFC Bank (FCRA) - 00031170000095	303761.17		1687054.00	Previous Year Statutory Dues	13755744.00	
952126.88	ICICI Bank - RBL - 000701262942	1999307.88		3410518.25	Utilization Of Research Grants	9117478.00	
6530358.00	State Bank of India - 31936731040	8555464.75		584000.00	Security Deposit Students	402000.00	
34525757.50	Andhra Bank - 008410100014268	36453877.00		76348.00	Payment Against Stale Cheques	33544.00	
0.00	Allahabad Bank - 50327100399	190000000.00		27500293.00	Mobilization Interest to OIDB	0.00	
3818592.82	Allahabad Bank - 50192401170	19768740.85		1233390.00	Scholorship Paid	2322678.00	
3415838.00	Andhra Bank - 008410100027721	98011393.00		900.00	Alumni Fund	0.00	
25000.00	State Bank of India -3478552906-2	34370.00		600.00	Student Welfare Fund	0.00	
46006513.88	Bank OF Baroda - 37350100004760	31800526.88		450000.00	Refund to IIEP	231797864.00	
		787163880.35		157469.00	Research Grant Refunded	386469.00	257815777.00
	WITH SCHEDULED BANKS						
5194589222.00	**IN DEPOSIT ACCOUNTS**	5341023369.00	6128187249.35		**REFUNDABLE PAYMENTS**		
	FDR with HDFC		2400000.00	255500.00	Security - Deposit Paid (Others)	219609.00	
				0.00	Retention Money Refunded	15811754.00	
				0.00	RTI Fees Refunded	70.00	
				2262.00	Excess deduted by BOB	0.00	
	GRANTS RECEIVED			142540.00	Earnest Money Refund	14500.00	16045933.00
206400000.00	Capital Fund From OIDB	1000000000.00					
7603233.00	Research Grants	8149008.00			**ADVANCES**		
480000000.00	Budgetory Support from GOI	1000000000.00		411113.00	Advane for Patent	0.00	
1181290.00	Scholorship Grant	2325074.00	2010474082.00	13070.00	CWIP Fixed Assets	0.00	
				0.00	Advance for Activity	300000.00	
	MISC. RECEIPTS ON A/C OF CAPITAL FUND			0.00	IIT JEE Fees Advance	450000.00	
5432972.00	Interest On Fdr - Capital Fund Rbl	13461510.00		124960.00	Advance To Staff	121456.00	871456.00
26902092.47	Intt.On Fdr -Capital Fund (Assam)	26191823.00					
1212523.00	Intt.On Fdr -Capital Fund (Oidb)	36506929.00			**FIXED ASSETS**		
16684283.00	Intt.On Fdr -Depreciation Fund	2010509.00		549665702.00	Cwip Jais	422783115.00	
222458.00	Intt.On Fdr -Earmarked Endowment Fund	145668.00		2794297.00	Cwip Assam	3187199.00	
221964.00	Interest On Scholarship Grant	231041.00	78547480.00	0.00	Fixed Assets NOIDA	17100.00	
				8589528.00	Fixed Assets Rbl	7515838.00	433503252.00
	REFUNDABLE/ TRANSFERABLE RECEIPTS						
235000000.00	Received on behalf of IIEP	1768107.00		396014091.00	**PAYMENTS AGAINST P.Y. LIABILITY**		181003288.00
225141.00	Liability Against Stale Cheques	191059.00					
438000.00	Security Deposit From Students	618000.00					
14400.00	Student Welfare Fund	14800.00					
4057917.00	Security Deposit Others	450280.00					
97600.00	Alumni Fund	81000.00					
186600.00	Earnest Money Received	226600.00	3349846.00				

Contd....2

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, RAEBARELI

RECEIPT AND PAYMENT ACCOUNT FOR THE YEAR ENDED 31ST MARCH'2017

AMOUNT (₹)

PREVIOUS YEAR	RECEIPTS	AMOUNT (Rs.)	AMOUNT (Rs.)	PREVIOUS YEAR	PAYMENTS	AMOUNT (Rs.)	AMOUNT (Rs.)
	REFUNDS				RECEIVED CHEQUES BOUNCED/REFUND		
				52000.00	Fees Refunded	0.00	
579462.00	Academic Expenses	18160.00		0.00	Other Income	15730.00	15730.00
915101.14	Administrative	14400.00					
867504.00	Establishment Expenses	140517.00			CLOSING BALANCES		
0.00	Refund from UPSIDC	14350030.00			WITH SCHEDULED BANKS		
207456.00	P.Y. Dues/Debtors/Cheques in Hand	10856595.00			IN SAVING ACCOUNTS		
0.00	GOI Bond Matured	60000000.00	85379702.00	904280.11	ICICI Bank - 000701260248	1134292.11	
				190000000.00	Allahabad Bank - 50327100399	2596.00	
				19768740.85	Allahabad Bank - 50192401170	40397207.85	
	INCOMES			98011393.00	Andhra Bank - 008410100027721	1034348134.00	
47208968.00	Fees Received	46130721.00		3355082.94	HDFC Bank - 00031110004499	6649059.94	
1012000.00	Executive Devlopment Course Fees	80000.00		393658568.48	Corporation Bank - 027022	395827324.48	
634205879.56	Interest From Bank/Bond	473518465.00		31600526.88	Bank OF Baroda - 37350100004760	2041593.78	
35748.00	Prior Period Income	38440.00		101300.00	ICICI Bank - 000701258840	105424.00	
1101456.00	Other Income	947074.50	520714700.50	3117207.29	ICICI Bank - 034301002171	12959169.29	
				303781.17	HDFC Bank (FCRA) - 00031170000095	316070.17	
				1099307.88	ICICI Bank - RBL - 000701262942	417640.88	
				6555464.75	State Bank of India - 31936731040	7716082.25	
				36453877.00	Andhra Bank - 008410100014268	185253689.00	
				34370.00	State Bank of India -3478552906-2	4863981.92	
						1692032285.67	
					WITH SCHEDULED BANKS		
				5341023369.00	IN DEPOSIT ACCOUNTS	6037513947.00	7729546232.67
	CONTRA ITEMS				CONTRA ITEMS		
1201236.00	Imprest Cash	956729.00		1201236.00	Imprest Cash	956729.00	
161714031.00	Bank To Bank Transfer	33470038.00		161714031.00	Bank To Bank Transfer	33470038.00	
2797708.00	Cancelled Cheques	4780102.00		2797708.00	Cancelled Cheques	4780102.00	
1176620.00	Advance Others	3428028.00	42636697.00	1176620.00	Advance Others	3428028.00	42636697.00
7476655407.92	TOTAL		8871689956.85	7476655407.92	TOTAL		8871689956.85

ACTING REGISTRAR | HEAD FINANCE | DIRECTOR | PRESIDENT

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY
RAE BARELI

ACCOUNTS FOR THE FINANCIAL YEAR 2016-17

SCHEDULES FORMING PART OF BALANCE SHEET AND INCOME & EXPENDITURE ACCOUNT

1. SCHEDULE - 1 - CORPUS / CAPITAL FUND
2. SCHEDULE - 2 - RESERVES AND SURPLUS
3. SCHEDULE - 3 - EARMARKED / ENDOWMENT FUNDS
4. SCHEDULE - 4 - DEFERRED CREDIT LIABILITIES
5. SCHEDULE - 5 - CURRENT LIABILITIES AND PROVISIONS
6. SCHEDULE - 6 - FIXED ASSETS
7. SCHEDULE - 7- INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS
8. SCHEDULE - 8 - INVESTMENTS – OTHERS
9. SCHEDULE - 9 - CURRENT ASSETS, LOANS, ADVANCES ETC.
10. SCHEDULE - 10 - FEES/SUBSCRIPTIONS
11. SCHEDULE - 11 - INTEREST EARNED
12. SCHEDULE - 12 - OTHER INCOME
13. SCHEDULE - 13 - ACADEMIC EXPENSES
14. SCHEDULE - 14 - ESTABLISHMENT EXPENSES
15. SCHEDULE - 15 - OTHER ADMINISTRATIVE EXPENSES
16. SCHEDULE - 16 - PRIOR PERIOD ADJUSTMENT
17. SCHEDULE - 17 - SIGNIFICANT ACCOUNTING POLICIES
18. SCHEDULE - 18 - NOTES ON ACCOUNTS AND CONTINGENT LIABILITIES

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 1 - CORPUS / CAPITAL FUND	CURRENT YEAR		PREVIOUS YEAR	
CAPITAL FUND - RAE BARELI				
Government of India Budgetary Support				
Balance as at the beginning of the year	1,77,22,18,180.00		97,55,10,519.00	
Add : Other Income (Sale of Tree) & Donated Assets	0.00		1,681.00	
	1,77,22,18,180.00		97,55,12,200.00	
Add : Contribution during the year	1,00,00,00,000.00		48,00,00,000.00	
Add : Endowment Fund withdrawn against Budgetory Support	0.00		31,11,20,043.00	
	2,77,22,18,180.00		**1,76,66,32,243.00**	
Less: Previous Year Recoverable Adjusted	31,11,20,043.00		0.00	
	2,46,10,98,137.00		**1,76,66,32,243.00**	
Add : PRS Applied on Work Contract	31,33,51,873.00		0.00	
	2,77,44,50,010.00		**1,76,66,32,243.00**	
Add : Interest for the year from Bank	1,24,26,062.00	2,78,68,76,072.00	55,85,937.00	1,77,22,18,180.00
Capital Grant from Oil Industry Development Board				
Balance as at the beginning of the year	1,30,19,28,617.00		1,29,43,16,094.00	
Add : Transferred from OIDB Assam Capital Fund & Preliminary Expenses Fund	0.00		0.00	
Add : Contribution during the year	1,00,00,00,000.00		20,64,00,000.00	
Add : Interest for the year from Bank	6,42,92,479.00	2,36,62,21,096.00	12,12,523.00	1,30,19,28,617.00
CAPITAL FUND - ASSAM				
Balance as at the beginning of the year	51,15,68,268.00		48,26,66,175.53	
Less : Transferred to Capital Fund OIDB Raibareli	0.00		0.00	
	51,15,68,268.00		**48,26,66,175.53**	
Receipts from Oil PSU's during the year	0.00		0.00	
	51,15,68,268.00		48,26,66,175.53	
Add : Interest from Bank	2,55,38,152.00	53,71,06,420.00	2,89,02,092.47	51,15,68,268.00
TOTAL CAPITAL FUND		**5,89,02,03,588.00**		3,78,57,15,065.00
Less : Capital Fund Adjustment - Assam (Cost of Land & Depreciation)				
Up to previous year	64,76,996.00		64,00,610.00	
During the current year	68,072.00		76,386.00	
On account of prior year	0.00		0.00	
	65,45,068.00		**64,76,996.00**	
Less : Capital Fund Adjustment - Raebareli (Cost of Land & Depreciation)				
Up to previous year	14,05,96,134.59		12,34,29,138.59	
During the current year	8,53,72,150.00		1,71,66,996.00	
On account of prior year	0.00		0.00	
	22,59,68,284.59	23,25,13,352.59	**14,05,96,134.59**	14,70,73,130.59
		5,65,76,90,235.41		3,63,86,41,934.41
CORPUS FUND				
ASSAM CENTRE				
Balance as at the beginning of the year	2,09,63,90,984.00		1,77,82,61,400.00	
Add : Contribution during the year	0.00	2,09,63,90,984.00	0.00	1,77,82,61,400.00
Add : Surplus Interest up to 2013-14	0.00		0.00	
Add : Trfd. from Income & Expenditure	1,73,34,164.00	1,73,34,164.00	31,81,29,584.00	31,81,29,584.00
		2,11,37,25,148.00		2,09,63,90,984.00

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 1 - CORPUS / CAPITAL FUND	CURRENT YEAR		PREVIOUS YEAR	
RAE BARELI CENTRE				
Balance as at the beginning of the year				
Fund Balance	2,50,00,00,000.00		2,50,00,00,000.00	
Surplus Interest	49,77,70,577.00		70,68,55,690.00	
Add P.Y. Adjustment - Amount wrongly debited to Corpus Fund	20,90,85,113.00			
Excess of Income over Expenditure	18,16,02,066.00		18,16,02,066.00	
	3,38,84,57,756.00		3,38,84,57,756.00	
Add : Contributions received during the year				
Bharat Petroleum Corporation Limited	0.00		0.00	
Gas Authority of India Limited	0.00		0.00	
Hindustan Petroleum Corporation Limited	0.00		0.00	
Indian Oil Corporation Limited	0.00		0.00	
Oil India Limited	0.00		0.00	
Oil and Natural Gas Corporation Limited	0.00		0.00	
	3,38,84,57,756.00		3,38,84,57,756.00	
Add : Surplus Funds Allocated				
Surplus Interest (Interest Utilized)	-		(20,90,85,113.00)	
Add . Trfd from Income & Expenditure	8,49,81,625.00	3,47,34,39,381.00	-	3,17,93,72,643.00
BALANCE AS AT THE YEAR END		11,24,48,54,764.41		8,91,44,85,561.41

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 2 - RESERVES AND SURPLUS	CURRENT YEAR		PREVIOUS YEAR	
1. CAPITAL RESERVE				
As per last account	5,08,00,831.59		5,08,00,831.59	
Addition during the year	0.00		0.00	
Less : Deductions during the year	0.00	5,08,00,831.59	0.00	5,08,00,831.59
2. REVALUATION RESERVE				
As per last account	0.00		0.00	
Addition during the year	0.00		0.00	
Less : Deductions during the year	0.00	0.00	0.00	0.00
3. DEPRECIATION FUND				
As per last account	12,71,25,550.00		9,31,97,885.00	
Add : Prior period Adjustment (P.Y.Depreciation adjusted)	4,59,240.00		0.00	
	12,75,80,790.00		9,31,97,885.00	
Addition during the year - (Transfer from Income & Expenditure A/c)	8,54,40,222.00		1,72,43,382.00	
	21,30,21,012.00		11,04,41,267.00	
Add : Interest Earned on Investment of Fund during the year	1,12,09,982.00	22,42,30,994.00	1,66,84,283.00	12,71,25,550.00
4. GENERAL RESERVE				
As per last account	69,95,79,843.91		49,19,58,430.09	
Less: Amount wrongly transferred to Corpus Fund RBL in P.Y. now reversed	20,90,85,113.00		0.00	
	49,04,94,730.91		49,19,58,430.09	
Addition during the year (Excess of Income over Expenditure)	68,89,051.18		20,76,21,413.82	
	49,73,83,782.09		69,95,79,843.91	
Less : Surplus interest up to 2012-13 invested in FDR's Trfd. to Corpus Fund Assam	0.00		0.00	
Less : Surplus interest up to 2012-13 invested in FDR's Trfd. to Corpus Fund Raebareli	0.00	49,73,83,782.09	0.00	69,95,79,843.91
BALANCE AS AT THE YEAR END		**72,24,15,697.68**		**87,75,04,225.59**

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 3 - EARMARKED / ENDOWMENT FUNDS	CURRENT YEAR		PREVIOUS YEAR	
SCHOLARSHIP GRANT				
a) Opening Balance of the Funds		38,88,053.38		37,29,695.38
b) Additions to Funds				
i. Donations/Grants				
SERB	95,758.00		0.00	
Zila Kalyan Karyalaya - Saran	3,68,040.00		0.00	
ONGC/National Input Nigam	60,000.00		0.00	
Social Welfare Board Raebareli/District Welfare/Jharkhand State Tribal	0.00		10,18,540.00	
Central Sector Scholarship Scheme (MOSJE)	18,01,276.00		1,62,750.00	
	23,25,074.00		11,81,290.00	
Less Refunds	0.00	23,25,074.00	0.00	11,81,290.00
ii. Interest on Investments - On Earmarked Funds (Chevron)		2,31,041.00		2,22,458.00
iii Other Additions		0.00		0.00
TOTAL (a+b)		**64,44,168.38**		**51,33,443.38**
c) Utilisation / Expenditure towards objectives of the Funds				
i. Capital Expenditure				
- Fixed Assets	0.00		0.00	
- Others	0.00	0.00	0.00	0.00
ii. Revenue Expenditure				
Salary, Wages & Allowances		0.00		0.00
Rent		0.00		0.00
Other Administrative Expenses		0.00		0.00
Other Expenditure (Scholorship Distributed)				
Chevron Scholorship	92,000.00		1,08,000.00	
SERB	95,758.00		0.00	
Zila Kalyan Karyalaya - Saran	2,88,040.00		0.00	
ONGC/National Input Nigam	60,000.00		0.00	
Social Welfare Board Raebareli/District Welfare/Jharkhand State Tribal	9,30,500.00		11,37,390.00	
Central Sector Scholarship Scheme (MOSJE)	14,80,380.00	29,46,678.00	0.00	12,45,390.00
TOTAL (c)		**29,46,678.00**		**12,45,390.00**
NET BALANCE AS AT THE YEAR END (a+b-c)		**34,97,490.38**		**38,88,053.38**

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 4 - DEFERRED CREDIT LIABILITIES	CURRENT YEAR		PREVIOUS YEAR	
a) Acceptances secured by hypothecation of Capital Equipment & Other Assets		0.00		0.00
b) Others -				
i) Research Grants				
Opening Balance		76,56,123.75		54,80,202.00
Add : Interest Received During the year		5,13,510.00	1,86,057.00	
Add : Received During the year		76,50,032.00	81,55,392.00	83,41,449.00
		1,58,19,665.75		1,38,21,651.00
Less : Refunded During the year		3,86,469.00	1,57,469.00	
Less : Utilized During the year		1,01,92,306.00	60,08,058.25	61,65,527.25
		56,27,359.75		76,56,123.75
BALANCE GRANTS REPRESENTED BY :				
- CSIR - Ph.D Scholarship	91,464.00		91,464.00	
- DST New Nano - Porous Materials for Natural Gas Storage \pplication	0.00		1,90,263.00	
- DST Grant Seed Division	43,791.00		43,791.00	
- DAE Study of Information on Theoritic Measures on Variables	1,10,726.00		1,31,821.00	
- SERB New Nano - Dev. Of New Polymeric Materials	8.00		2,45,637.00	
- GEOKNO India Pvt. Ltd.	90,000.00		90,000.00	
- On some properties of Expected Inactivity Time having Applications in Reliability	1,79,178.00		-87,859.00	
- SERB Grant for Studies on three dimensional fracturing	25,758.00		4,196.00	
- Co2 capture using ionic liquids Experiments and molecular modeling	60,063.00		1,89,016.00	
- SERB Grant for Interrogating the Catalytic Activity of Nanocatalyst	8,827.75		9,10,665.75	
- SERB Grant for Source Rock Evaluation of Lignite Deposits	5,53,181.00		3,34,419.00	
- SERB Grant for Study of Total Muon Capture for Potential Double Beta	2,67,277.00		2,96,403.00	
- Development of Polymeric Liquid Based Silicate Muds	-1,17,167.00		24,82,355.00	
- Development of Polymer Coated Nanoparticle Stabilized Foams	43,589.00		25,47,895.00	
- DAE Grant for Spatial Distribution of Uranium & Associated Quality parameters	4,84,359.00		0.00	
- Fellowship Grant for Simulation of artificial fracture propogation in Geothermal	5,46,980.00		0.00	
- Grant received from innocule Pvt Ltd for Development of Polymeric Material	2,50,000.00		0.00	
- National Post Doctrol Fellowship	5,840.00		0.00	
- SERB Grant for well Posed formulations and operator splitting technique	12,46,355.00		0.00	
- SERB Grant for Energy storage protection using Vanadium redox batteries	17,37,130.00		0.00	
- Un-Utilized - Interest	0.00		1,86,057.00	
TOTAL		56,27,359.75		76,56,123.75
NOTE : Amounts due within one year		56,27,358.75		76,56,123.75

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 5 - CURRENT LIABILITIES AND PROVISIONS	CURRENT YEAR		PREVIOUS YEAR	
A CURRENT LIABILITIES				
1. Acceptances		0.00		0.00
2. Sundry Creditors				
a) For Goods/Services	19,39,38,209.00		24,39,54,915.00	
b) Others	42,79,490.00	19,82,17,699.00	42,82,805.00	24,82,37,720.00
3. Advance Fees Received from Students		1,14,72,800.00		1,06,48,700.00
4. Interest accrued but not due on :				
a) Secured Loans / Borrowings	0.00		0.00	
b) Unsecured Loans /Borrowings	0.00	0.00	0.00	0.00
5. Statutory Liabilities				
a) Overdue	3,960.00		0.00	
b) Others	1,21,54,809.00	1,21,58,769.00	1,37,56,726.00	1,37,56,726.00
6. Other Current Liabilities				
a) Unutilized Grant - Preliminary Expenses Fund (Assam)			0.00	
Opening Balance/Received during the year	0.00		0.00	
Less (Add) Transferred to OIDB Capital Fund Raibareli (Excess Provision W/b)	0.00		0.00	
	0.00		0.00	
b) Alumni Fund	6,04,100.00		5,23,100.00	
c) Student Welfare Fund	1,86,058.00		1,71,258.00	
d) Retention Money From Vendors	2,17,42,711.00		7,82,34,559.00	
e) Earnest Money Deposit/Security Deposit	18,30,568.00		15,86,098.00	
f) Security Deposit from Students	18,42,200.00		16,26,200.00	
g) Refundable to IIPE	0.00	2,62,05,637.00	23,00,29,757.00	31,21,70,972.00
TOTAL (A)		**24,80,54,905.00**		**58,48,14,118.00**
B PROVISIONS				
1 For Taxation		0.00		0.00
2. Gratuity		59,67,724.00		49,71,129.00
3. Superannuation/Pension		0.00		0.00
4. Accumulated Leave Encashment		83,65,373.00		76,90,301.00
5. Provision against Building Construction at JAIS		24,56,17,776.00		0.00
6. Provision against Arbitration Award		83,39,500.00		
7. Provision against PMC Fees JAIS		2,21,05,600.00		0.00
TOTAL (B)		**29,03,95,973.00**		**1,26,61,430.00**
TOTAL (A+B)		**53,84,50,878.00**		**59,74,75,548.00**

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)

NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

SCHEDULES - 6 - FIXED ASSETS

AMOUNT ₹

DESCRIPTION	GROSS BLOCK				DEPRECIATION				NET BLOCK	
	COST/ VALUATION AS AT BEGINNING OF THE YEAR	ADDITIONS DURING THE YEAR	DEDUCTIONS/ ADJUSTMENTS DURING THE YEAR	COST/ VALUATION AT THE YEAR-END	AS AT BEGINNING OF THE YEAR	DURING THE YEAR	ON DEDUCTIONS/ ADJUSTMENT DURING THE YEAR	TOTAL UP TO THE YEAR-END	AS AT THE CURRENT YEAR-END	AS AT THE PREVIOUS YEAR-END
A. FIXED ASSETS - TANGIBLE										
1. LAND										
a) Freehold - Jaw	4,47,03,296.59			4,47,03,296.59	0.00			0.00	4,47,03,296.59	4,47,03,296.59
b) Freehold - Assam	60,97,535.00			60,97,535.00	0.00			0.00	60,97,535.00	60,97,535.00
c) Lease Hold	0.00			0.00	0.00			0.00	0.00	0.00
2. BUILDINGS										
a) On Freehold Land	0.00	3,76,40,12,969.00	0.00	3,76,40,12,969.00	0.00	47814071.00		4,78,14,071.00	3,71,61,98,898.00	0.00
b) On Leasehold Land	0.00			0.00	0.00			0.00	0.00	0.00
c) Ownership Flats/Premises	0.00			0.00	0.00			0.00	0.00	0.00
d) Super Structures on Land not belonging	0.00			0.00	0.00			0.00	0.00	0.00
3. PLANT MACHINERY & EQUIPMENT										
a) General Equipment	0.00	17,19,90,389.00		17,19,90,389.00	0.00	8293235.00		82,93,235.00	16,36,97,154.00	0.00
b) Airconditioners	0.00	9,16,27,855.00		9,16,27,855.00	0.00	4418220.00		44,18,220.00	8,72,09,635.00	0.00
c) Lab Equipments	5,23,22,512.16	52,00,263.00		5,75,22,775.16	1,69,20,894.00	5517605.00		2,24,38,499.00	3,50,84,276.16	3,54,01,618.16
d) Fire Fighting System	0.00	5,49,44,027.00		5,49,44,027.00	0.00	2649356.00		26,49,356.00	5,22,94,671.00	0.00
4. VEHICLES	1,33,18,910.50			1,33,18,910.50	75,04,400.00	1331891.00		88,36,291.00	44,82,619.50	58,14,510.50
5. FURNITURE , FIXTURES										
Raebareli	2,28,05,572.80	6,97,217.00		2,35,02,789.80	1,49,28,223.00	2283090.00		1,72,11,293.00	62,91,506.80	78,77,349.80
Assam	3,26,086.00			3,26,086.00	1,59,790.00	32609.00		1,92,399.00	1,33,687.00	1,66,296.00
6. OFFICE EQUIPMENTS	23,36,228.00	56,500.00		23,92,728.00	9,48,764.00	217321.00		11,86,085.00	12,06,643.00	13,87,464.00
7. COMPUTER/ PERIPHERALS										
Raebareli	4,94,67,397.00	7,91,509.00		5,02,58,906.00	4,07,90,340.00	5008350.00		4,37,08,690.00	45,50,216.00	87,67,057.00
Assam	1,84,200.00			1,84,200.00	1,56,415.00	20160.00		1,76,575.00	7,625.00	27,785.00
Building Management System (Jaw)	0.00	4,68,14,361.00		4,68,14,361.00	0.00	4514700.00		45,14,700.00	4,23,99,661.00	0.00
8. ELECTRIC EQUIPMENTS										
Raebareli	1,40,87,368.00	4,51,840.00		1,45,39,208.00	78,01,768.00	1420344.00	4,55,240.00	96,77,352.00	48,61,856.00	62,85,600.00
Assam	1,53,030.00			1,53,030.00	63,246.00	15303.00		78,549.00	74,481.00	89,784.00
9. LIBRARY BOOKS	1,18,20,566.00	4,65,595.00		1,22,86,161.00	41,16,622.00	1196220.00		53,12,842.00	69,73,319.00	77,03,944.00
10. TUBE WELL AND WATER SUPPLY	0.00			0.00	0.00			0.00	0.00	0.00
11. OTHER FIXED ASSETS	5,25,028.00	55,865.00		5,80,893.00	2,08,538.00	56140.00		2,64,678.00	3,16,215.00	3,16,490.00
12. HOSTEL EQUIPMENTS	29,95,786.00			29,95,786.00	27,25,559.00	176397.00		29,01,956.00	93,830.00	2,70,227.00
B. FIXED ASSETS - INTANGIBLE										
1. PATENT & COPYRIGHTS	0.00	4,49,076.00		4,49,076.00				0.00	4,49,076.00	
TOTAL OF CURRENT YEAR	22,11,43,516.05	4,13,75,57,466.00	0.00	4,35,87,00,982.05	9,62,34,969.00	84984982.00	4,55,240.00	10,16,74,791.00	4,17,70,26,191.05	12,49,08,547.05
PREVIOUS YEAR	21,00,64,261.05	1,11,27,030.00	47,775.00	22,11,43,516.05	7,90,39,727.00	17243382.00	29,540.00	9,62,34,569.00	12,49,08,947.05	13,10,43,534.05

ACTING REGISTRAR | HEAD FINANCE | DIRECTOR | PRESIDENT

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017
SCHEDULES - 6 - FIXED ASSETS

AMOUNT ₹

DESCRIPTION	GROSS BLOCK				DEPRECIATION				NET BLOCK	
	COST/ VALUATION AS AT BEGINNING OF THE YEAR	ADDITIONS DURING THE YEAR	DEDUCTIONS DURING THE YEAR	COST/ VALUATION AT THE YEAR-END	AS AT BEGINNING OF THE YEAR	DURING THE YEAR	ON DEDUCTIONS DURING THE YEAR	TOTAL UP TO THE YEAR-END	AS AT THE CURRENT YEAR-END	AS AT THE PREVIOUS YEAR-END
CAPITAL WORK - IN - PROGRESS										
A - RAI BARELI (Lab Equipments)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL - A	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
B - JAIS PROJECT										
Land - Advance	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00
Project Management Fees	3025189900.00	962886606.00	3988055596.00	0.00	0.00	0.00	0.00	0.00	0.00	3025189900.00
Civil Work In Progress	28884660910.00	6997437480.00	35882097390.00	0.00	0.00	0.00	0.00	0.00	0.00	28884660910.00
Plant & Machinery - DG, Elevators, STP & ETP	0.00	17199903890.00	17199903890.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Project Management Expenses	211354430.00	26540560.00	237894990.00	0.00	0.00	0.00	0.00	0.00	0.00	209718580.00
Capital Advance to Punj Lloyd	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Secured Advance Against Material	92516960.00	132768790.00	225285750.00	0.00	0.00	0.00	0.00	0.00	0.00	92516960.00
Advance for Electricity to UPPCL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less : Penalty Deduction (PRS) NCCL	-10835850.00	-31233882880.00	-31133911870.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Less : Interest on Mobilization Advance	-52721877.00	-681756.00	-53403633.00	0.00	0.00	0.00	0.00	0.00	0.00	-52721877.00
TOTAL - B	31675846770.00	6709816260.00	38385663030.00	0.00	0.00	0.00	0.00	0.00	0.00	31675846770.00
C - ASSAM PROJECT										
Project Management Expenses	14385067.50	3262106.00	0.00	17647773.50	0.00	0.00	0.00	0.00	1,76,47,773.50	14385067.50
Project Management Fees	25016040.00	0.00	0.00	25016040.00	0.00	0.00	0.00	0.00	2,50,16,040.00	25016040.00
Civil Work In Progress	217337204.00	0.00	0.00	217337204.00	0.00	0.00	0.00	0.00	21,73,37,204.00	217337204.00
Advance to CPWD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Secured Advance Against Material	4283855.00	0.00	0.00	4283855.00	0.00	0.00	0.00	0.00	42,83,855.00	4283855.00
TOTAL - C	261022766.50	3262106.00	0.00	264284872.50	0.00	0.00	0.00	0.00	2642848772.50	261022766.50
TOTAL CWIP (A+B+C)	31936869443.50	6713078366.00	38385663030.00	264284872.50	0.00	0.00	0.00	0.00	2642848772.50	31936869443.50
GRAND TOTAL	3,64,97,50,959.55	4,81,19,81,198.00	3,83,85,46,303.00	4,62,31,85,854.55	9,67,31,569.00	84,98,982.00	4,55,740.00	10,16,74,791.00	4,44,15,11,063.55	3,55,30,19,390.55
PREVIOUS YEAR GRAND TOTAL	2,80,78,31,588.55	84,82,33,064.00	6,63,04,693.00	3,64,97,50,959.55	7,89,20,727.00	1,73,43,382.00	29,540.00	9,62,34,569.00	3,55,35,16,390.55	2,72,88,81,861.55

ACTING REGISTRAR — HEAD FINANCE — DIRECTOR — PRESIDENT

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 7- INVESTMENTS FROM EARMARKED/ ENDOWMENT FUNDS	CURRENT YEAR		PREVIOUS YEAR	
1. In Government Securities		0.00		0.00
2. Other Approved Securities		0.00		0.00
3. Shares		0.00		0.00
4. Debentures and Bonds		0.00		0.00
5. Subsidiaries and Joint Ventures		0.00		0.00
6. Others (Fixed Deposits)		24,00,000.00		24,00,000.00
TOTAL		24,00,000.00		24,00,000.00

AMOUNT (₹)

SCHEDULE - 8- INVESTMENTS - OTHERS	CURRENT YEAR		PREVIOUS YEAR	
1. In Government Securities (RBI Bonds - Not marketable)		0.00		6,00,00,000.00
2. Other Approved Securities		0.00		0.00
3. Shares		0.00		0.00
4. Debentures and Bonds		0.00		0.00
5. Subsidiaries and Joint Ventures		0.00		0.00
6. Others		0.00		0.00
TOTAL		0.00		6,00,00,000.00

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 9 - CURRENT ASSETS, LOANS, ADVANCES ETC.	CURRENT YEAR		PREVIOUS YEAR	
A. CURRENT ASSETS :				
1. Inventories				
a) Stores and Spares (Stationery Items)	3,90,699.00		2,52,544.14	
b) Stock of Lab Consumables	1,296.00		0.00	
c) Stock of souvenir	36,118.00		36,118.00	
- Finished Goods	0.00		0.00	
- Work-in-progress	0.00		0.00	
- Rawmaterials	0.00	4,28,113.00	0.00	2,88,662.14
2. Sundry Debtors				
a) Debts Outstanding for a period exceeding six months	0.00		0.00	
b) PRS recoverable from NCCL	15,30,87,877.00		0.00	
c) Receivable from GOI against Budgetary Support Utilized	0.00	15,30,87,877.00	31,11,20,043.00	31,11,20,043.00
3. Cash Balances in Hand (including Cheques/Drafts and imprest)		0.00		1,08,56,595.00
4. Bank Balances				
a) With Scheduled Bank				
- on Current Accounts	48,63,981.92		0.00	
- on Deposit Accounts	6,03,51,13,947.00		5,34,10,23,369.00	
- on Savings Accounts	1,68,71,68,303.75		78,71,63,880.35	
b) With Non - Scheduled Bank				
- on Current Accounts	0.00		0.00	
- on Deposit Accounts	0.00		0.00	
- on Savings Accounts	0.00	7,72,71,46,232.67	0.00	6,12,81,87,249.35
TOTAL (A)		7,88,06,62,222.67		6,45,04,52,549.49

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 9 - CURRENT ASSETS, LOANS, ADVANCES ETC.	CURRENT YEAR		PREVIOUS YEAR	
B. LOANS , ADVANCES AND OTHER ASSETS :				
1 Loans:				
a) Staff - Advance for Activity	3,00,000.00		1,02,960.00	
b) Other Entities engaged in activities/objectives similar to that of the Entity	0.00		0.00	
c) Others	0.00	3,00,000.00	0.00	1,02,960.00
2 Advances and other amounts recoverable in cash or in kind or for value to be received				
a) On Capital Account	2,41,80,008.00		6,42,57,061.00	
b) Prepayments	23,49,286.00		14,87,796.00	
c) Security Deposits Paid	48,83,081.00		71,66,382.00	
d) Others	5,67,71,390.00	8,81,83,765.00	5,53,92,964.00	12,83,04,203.00
3 Income Accrued				
a) On Investments from Earmarked/Endowment Funds	41,853.00		41,853.00	
b) On Investments-Others	15,06,37,862.00		20,31,91,830.00	
c) On Loans and Advances	12,05,334.00		9,21,726.00	
d) Others - Student Fees Due - 476500.00 - Provision Made 372500.00	1,04,000.00	15,19,89,049.00	0.00	20,61,55,409.00
4 Claims Receivable		0.00		0.00
TOTAL (B)		24,04,72,814.00		33,45,62,572.00
TOTAL (A+B)		8,12,11,35,036.67		6,78,50,15,121.49

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE YEAR ENDED 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 10 - FEES/SUBSCRIPTIONS	CURRENT YEAR		PREVIOUS YEAR	
1.Entrance Fees		11,40,800.00		11,21,809.00
2.Annual Fees/Subscription		4,39,46,031.00		4,68,76,557.00
3.Seminar/Program Fees		0.00		0.00
4.Consultancy Fees		0.00		0.00
5.Others		3,23,790.00		0.00
TOTAL		4,54,10,621.00		4,79,98,366.00

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE YEAR ENDED 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 11 - INTEREST EARNED	CURRENT YEAR		PREVIOUS YEAR	
1) On Term Deposits				
a) With Scheduled Banks	38,99,22,321.00		48,40,90,287.45	
b) With Non-Scheduled Banks	0.00		0.00	
c) With Institutions (Govt of India Bond)	12,26,667.00		48,00,000.00	
d) Others	0.00	39,11,48,988.00	0.00	48,88,90,287.45
2) On Savings Accounts				
a) With Scheduled Banks	11,62,847.00		14,27,904.00	
b) With Scheduled Banks in Sweep A/c	10,72,74,003.00		3,93,70,612.47	
c) With Non-Scheduled Banks	0.00		0.00	
d) With Institutions	0.00		0.00	
e) Others	0.00	10,84,36,850.00	0.00	4,07,98,516.47
		49,95,85,838.00		52,96,88,803.92
Less : Transfer to Capital Fund				
a) Capital Fund Raebareli	1,24,26,062.00		55,85,937.00	
b) Capital Fund Assam	2,55,38,152.00		2,89,02,092.47	
c) Capital Fund (Grant OIDB)	6,62,92,479.00		12,12,523.00	
d) Depreciation Fund	1,12,09,982.00		1,66,84,283.00	
e) Earmarked Fund - Chevron Scholarship Grant	2,31,041.00		2,22,458.00	
f) Deferred Credit Liabilities - DST Grants	5,13,510.00	11,42,11,226.00	1,86,057.00	5,27,93,350.47
		38,53,74,612.00		47,68,95,453.45
3) On Loans				
a) Employees/Staff	0.00		0.00	
b) Others	0.00	0.00	0.00	0.00
4) Interest on Debtors and Other Receivables		1,18,170.00		
TOTAL		38,54,92,782.00		47,68,95,453.45

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE YEAR ENDED 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 12 - OTHER INCOME	CURRENT YEAR		PREVIOUS YEAR	
1 Profit on Sale/Disposal of Assets				
a) Owned Assets	0.00		2.00	
b) Assets acquired out of grants or received free of cost	0.00	0.00	0.00	2.00
2. Export Incentives realised		0.00		0.00
3. Fees for Miscellaneous Services		13,90,019.00		28,62,164.00
4 Miscellaneous Income		23,66,815.50		3,77,526.00
TOTAL		37,56,834.50		32,39,692.00

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE YEAR ENDED 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 13 - ACADEMIC EXPENSES	CURRENT YEAR		PREVIOUS YEAR	
Honorarium to Visiting Faculties		5,13,000.00		7,21,500.00
Book Grant, e-Journal Charges, Magazines & Academic Softwares		56,87,884.00		38,08,872.00
Convocation, Conference & Meeting Expenses		13,12,413.00		22,74,919.00
IIT-JEE Fees		4,50,000.00		4,50,000.00
IIM CAT-Fees		2,43,200.00		2,50,000.00
Student Welfare		8,34,388.00		3,11,823.00
Hostel Rent & Mess Expenses		1,12,51,190.00		1,32,15,756.00
Scholorship & Stipend		77,01,048.00		66,54,988.00
Doctor Fees		5,82,612.00		3,78,600.00
Placement Brochure & Expenses		2,90,590.00		3,63,630.00
Workshop & Training		63,561.00		38,217.00
Cultural & Sports Activities		11,09,875.00		21,67,547.00
Rent & Electricity Charges		1,82,16,739.00		2,36,88,401.00
RGIPT Scholorship		8,58,000.00		8,10,000.00
Repairs & Maintenance (Equipment)		11,58,426.00		14,86,876.00
Vehicle Running Expenses		14,89,809.00		11,35,773.00
Lab Charges and Printing & Stationery		4,91,218.00		4,32,177.00
Computer Running Expenses		1,53,470.00		0.00
Internal Grant to DST Project		93,524.00		53,420.00
Travelling & Conveyance Expenses (Academic)		6,54,119.00		21,84,507.00
Student Contingency		8,05,817.00		4,14,545.00
Membership Fees		37,368.00		31,446.00
TOTAL		**5,39,58,251.00**		**6,08,72,997.00**

AMOUNT (₹)

SCHEDULE - 14 - ESTABLISHMENT EXPENSES	CURRENT YEAR		PREVIOUS YEAR	
a) Salaries & Allowances		6,60,12,846.00		6,09,68,298.00
b) Man Power Hiring		1,18,07,672.00		72,19,656.00
c) Contribution to Provident Fund & NPS		47,66,519.00		42,03,669.00
d) Contribution to Other Fund		0.00		0.00
e) Staff Welfare Expenses		2,35,418.00		1,94,306.00
f) Provision on Employees Retirment and Terminal Benefits (Gratuity & Leave Encashment)		16,71,667.00		15,84,081.00
g) Others				
Honorarium		6,02,072.00		6,82,990.00
Medical Reimbursement		22,42,506.00		18,42,559.00
Relocation Expenses		1,84,821.00		29,232.00
TOTAL		**8,75,23,521.00**		**7,67,24,791.00**

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE YEAR ENDED 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 15 - OTHER ADMINISTRATIVE EXPENSES	CURRENT YEAR	PREVIOUS YEAR
a) Purchases (General Consumables)	0.00	0.00
b) Labour and processing expenses	0.00	0.00
c) Cartage and Carriage Inwards	0.00	0.00
d) Electricity and Power	1,51,91,126.00	65,48,057.00
e) Repairs & Maintenance (Building & Other)	11,03,130.00	6,69,965.00
f) Insurance	3,27,437.00	5,69,007.00
g) Repairs and Maintenance (House Keeping & Office Expenses)	61,41,985.60	51,72,396.40
h) Security Service Charges	1,53,62,218.00	85,65,137.00
i) Rent, Rates and Taxes	1,43,89,501.00	1,42,01,737.00
j) Vehicles Running and Maintenance	11,02,384.00	7,78,569.00
k) Postage, Telephone and Communication Charges	22,19,849.00	23,11,342.00
l) Printing and Stationary	8,45,109.54	7,96,620.05
m) Travelling and Conveyance Expenses	58,30,726.00	46,77,290.00
n) Recruitment Expenses	2,47,820.00	1,17,105.00
o) Foreign Travel & Participation Fees Expenses	2,18,123.00	30,000.00
p) Strategic Initiative & Brand Expenses	0.00	0.00
q) Pre-Payment Auditors Remuneration	5,98,600.00	5,46,888.00
r) Hospitality Expenses	0.00	89,463.00
s) Legal & Arbitration Expenses	46,67,850.00	60,36,279.00
t) Interest on Late Payment & Penalities	617.00	0.00
u) Irrecoverable Balances Written-off	0.00	0.00
v) Conference, Meetings & Workshop Expenses	10,27,806.00	7,96,620.00
w) Professional & Consultancy Charges	54,10,824.00	21,82,937.00
x) DPR Preparation Charges	0.00	0.00
y) Advertisement and Publicity	86,30,221.00	71,09,563.00
z) Others (Guest House Expenses)	13,80,166.00	6,94,215.00
aa) Internal Audit Fees	1,15,000.00	1,14,750.00
ab) Bank Charges	97,409.18	83,086.18
ac) Club Subscription	0.00	11,056.00
ad) Website Expenses	81,594.00	1,43,840.00
ae) CAG Audit Fees	1,50,000.00	1,50,000.00
af) JAIS Inaugral Expenses	96,24,389.90	0.00
ag) JAIS Shifting Expenses	30,45,406.00	0.00
ah) Hindi Rajbhasha Parliamentry Meeting Expenses	0.00	5,05,662.00
TOTAL	9,78,09,291.32	6,29,01,584.63

FORM OF FINANCIAL STATEMENTS (NON-PROFIT ORGANISATIONS)
NAME OF ENTITY : RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY RAE BARELI
SCHEDULES FORMING PART OF INCOME & EXPENDITURE FOR THE YEAR ENDED 31ST MARCH' 2017

AMOUNT (₹)

SCHEDULE - 16 - PRIOR PERIOD ADJUSTMENT	CURRENT YEAR		PREVIOUS YEAR	
INCOME				
Scholorship Refund	54,000.00		24,000.00	
DPR Charges (IIPE) Recovered	0.00		45,20,243.00	
Bank Charges	0.00		11,748.00	
Conference & Meeting Expenses	0.00		19,844.00	
Excess Provision of Gratuity Written Back	0.00		20,61,389.00	
Travelling Expenses Recovered	1,976.00		0.00	
Excess Salary recovered	36,440.00		0.00	
Others	500.00		0.00	
Liability for Unpaid Bills Written Back	0.00	92,916.00	3,12,809.00	69,50,033.00
EXPENDITURE				
Travelling Expenses	2,350.00		0.00	
Bonus	3,454.00		0.00	
Book Grant & e-Journal	0.00		2,01,175.00	
House Keeping Expenses	12,533.00		0.00	
Communication Expenses	27,500.00		0.00	
Fees Reversed	0.00		32,000.00	
Honorarium to Visiting Faculties / Refund of Licence Fees	1,01,649.00		4,000.00	
Audit Fees	43,760.00		0.00	
Repairs & Maintenance (Equipment)	55,691.00		2,997.00	
Medical Reimbursement	50,742.00		0.00	
Student Fees Refunded	4,167.00		1,500.00	
Depreciation	4,35,240.00		0.00	
Staff Welfare	0.00		250.00	
Legal & Professional Fees	0.00		40,483.00	
Overhead Charges Returned	19,942.00	7,77,028.00	0.00	3,02,405.00
NET PRIOR PERIOD EXPENDITURE		**-6,84,112.00**		**66,47,628.00**

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, RAEBARELI

SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH 2017

SCHEDULE '17' – SIGNIFICANT ACCOUNTING POLICIES

1. Accounting Convention

The financial statements are prepared under dual entry system under the historic cost convention and on going concern concept following the accrual method of accounting unless otherwise stated herein.

2. Inventory Valuation

Stores materials including stationery held at year end are valued at cost adopting FIFO method.

3. Fixed Assets

3.1. Fixed assets are stated at cost of acquisition less accumulated depreciation thereon and impairment loss, if any. The cost includes inward freight, duties and taxes, installation charges and other directly attributable expenses related to their acquisition.

3.2. Assets created out of research grants normally remain as property of the sponsoring authority in terms of sanction letter.

3.3. Land includes acquisition cost, registration and other related expenses and is capitalized on taking possession. Interim payments made on demand to Government Authorities for the purpose of acquisition of land are treated as Capital Advance, grouped under Capital Work in Progress.

3.4. Capital Work-In-Progress - Expenses incurred towards building under construction / civil work in progress/ equipments received but not installed/ capital advances against construction materials/ running bills payments during project construction stage towards contracts, consultancy services and project management / administrative expenses are grouped under Capital Work-In-Progress. Interest earned if any, on mobilization advance to contractor are adjusted from Capital Work in Progress.

3.5. The assets which are unserviceable condemned or out of use are written off only after approval by the competent authority of the institute.

4. Method of Depreciation

4.1. Depreciation on fixed assets is provided on Straight Line Method on pro-rata basis at the rates arrived at based on the estimated useful life of the assets. In respect of assets fully depreciated and are in use, a residual value of Rs. 1 is retained in the books till it is discarded.

4.2. Expenditure on e-Journals is charged off pro-rata in Income & Expenditure account during the license period of the respective e-Journals.

5. Depreciation Fund

A Depreciation Fund is created by transferring equivalent amount of depreciation from Income & Expenditure Account, to facilitate suitable funding for replacement of assets as required in future. Interest earned from investment of Depreciation Fund is ploughed back to the Depreciation Fund at the year end.

6. Miscellaneous Expenditure

6.1. All expenses relating to renovation of rented premises including play grounds/ courts are accounted in Income & Expenditure Account in the year of incurrence.

6.2. Deferred revenue expenditure on account of RGIPT Brand or non-tangible assets is written off over a period of 5 years from the year it is incurred.

7. Capital Fund Grant

7.1. Budgetary Support from Govt. of India and Grant from OIDB / Promoting entities for campus project work are accounted on receipt basis and grouped under "Capital Fund." Interest earned if any, from bank on capital fund account/ investment is accounted in Capital Fund account.

7.2. Depreciation charged on assets created out of Capital fund are treated as Deferred Income and transferred to Income and Expenditure Account every year on systematic basis over useful life of the assets.

7.3. The fund utilized for creating non-depreciable assets like land is treated as Capital Reserve.

8. Corpus Fund

8.1. Corpus Fund received is accounted on receipt basis and is grouped under Corpus Fund. Interest earned from investment of Corpus Fund in fixed deposits in banks, is utilized for meeting the recurring expenses.

8.2. Interest earned from investment of Corpus Fund is accounted in Income and Expenditure Account and the surplus interest after meeting the recurring expenses, as lying invested in fixed deposit with Banks/ Non-tradable Government Securities is ploughed back to Corpus Fund.

9. Foreign Currency Transactions

Transactions denominated in foreign currency are accounted at the exchange rate prevailing as at the date of such transactions.

10. Provisions, Prepaid

10.1 All known liabilities and other financial obligation exceeding Rs. 10,000/- up to the date of finalization of accounts are provided for.

10.2 Pre-paid charges/expenses exceeding Rs. 10,000/- incurred during the year are carried to next year and are duly considered in relevant future period.

11. Investments

11.1 Investments are held in the form of fixed deposits with Scheduled Banks or in non-tradable Govt. Securities.
11.2 No investments are made by the Institute in the tradable securities.
11.3 Investments are valued at cost.

12. Revenue Recognition

Interest earned on Fixed Deposits with Banks, income from Government Securities, Student Fees including entrance fees and other receipts are accounted for as and when due on accrual basis and are recognized as income of the Institute. Sale of discarded assets/items etc. is accounted for on receipt basis.

13. Retirement Benefits

Retirement benefits in respect of Gratuity and Leave Encashment are provided for on the basis of actuarial valuation.

14. Income Tax

The Institute income is exempt from Income Tax under the provisions of Section 10(23C)(iii)(ab) of the Income Tax Act'1961 hence no provision is made for Income Tax.

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY, RAEBARELI
SCHEDULES FORMING PART OF BALANCE SHEET AS AT 31ST MARCH' 2017

SCHEDULE '18' – NOTES ON ACCOUNTS

The Notes forming part of the Accounts giving inter-alia certain additional disclosures in respect of significant accounting transactions during the year and also highlighting the Institute's contingent liability and capital commitment as at 31st March, 2017 are as follows:-

1. The Receipt and Payment Account carries the amounts of actual receipts and actual payments of the institute during the year 2016-17. However, the recoveries under the various heads have been grossed up, e.g. salaries expenses have been grossed up on account of provident fund, income tax deductions, etc.

2. The Income & Expenditure Account and the Balance Sheet have been drawn from Receipt and Payment Account duly accounting for liabilities, prepaid expenses, advance payments and provisions as at end of the accounting year.

3. The financial statements have been presented as per Uniform Format prescribed for non-profit Central Autonomous Bodies.

4. Previous year figures have been regrouped/ rearranged in order to make them comparable with the current year figures.

5. While finalizing the Accounts for the year, necessary action has been taken to implement the recommendations of Government Audit.

6. In line with the recommended policy for non-profit organization in respect of accounting of Govt Budgetary Support (GBS) and Grants, the Institute has adopted the following significant accounting policy:

   - Budgetary Support received from Govt. of India and Grants received from OIDB / promoting entities for campus construction are grouped under "Capital Fund" in **Schedule 1** along with the interest and other amount earned if any. Amounts grouped under Corpus Fund in **Schedule 1** represent contribution received from Oil PSUs for meeting the recurring expenses from its interest and the transfer of excess of income over expenditure to the extent of surplus interest lying invested in Fixed Deposits/ non transferable Govt. Securities from the Income & Expenditure Account.

   - An amount of Rs. 31,11,20,043/- had been temporarily utilized for construction related payment, from the surplus of corpus fund of Raebareli, with the sanction of Ministry of Petroleum & Natural Gas during 2015-16 .The above amount of Rs. 31,11,20,043/- has been replenished back to the Corpus Fund during 2016-17 from the GBS for Jais released to RGIPT. The above adjustment for replenishment has been shown under 'Capital Fund' in **Schedule 1**.

   - OIDB vide its letter No.4/6/96-OIDB(Vol.III) dated 29.9.2016 has allocated and released a sum of Rs.10000.00 Lakh during the year for the purpose of meeting immediate fund requirement by RGIPT to shift from temporary campus to its new Campus at Jais. The above receipt has been included under 'Capital Fund' in **Schedule 1.**

- An amount of Rs.10000 Lakh was received from GBS during 2016-17 towards Jais Campus. The total receipt stands at Rs. 23400 Lakh as on 31.3.2017, leaving a balance of Rs.13510 Lakh yet to be released. (Total sanction from GBS is Rs.36910 Lakh).

- Depreciation on assets created out of capital fund is treated as Deferred Revenue Income and recognized in the Income and Expenditure Account every year on systematic basis over the 'useful life' of the assets. Accordingly, Rs. 8,54,40,222/- being the depreciation charged during the year has been transferred to Deferred Revenue Income.

- The Jais Campus was handed over to RGIPT on 7.10.2016 and the institute is operating from the new Campus at Jais. The capital expenditure incurred on buildings, plant & machinery, air-conditioning, firefighting systems etc, and PMC Fee, Project Management expenses of Jais Campus have been capitalized during the 2016-17 for an amount of Rs.412,93,89,601/- after adjusting Interest earned on Mobilization Advance (paid to contractors viz. NCCL and Punj Lloyd).

- The capitalization of the Buildings, Roads, Landscaping and Horticulture has been made after allocating the cost of construction considering the built up area of each. Whereas Plant & Machinery viz. DG, Elevators, STP & ETP, Firefighting system, Building Management System, AC plant has been capitalized based on acquisition cost.

- The fund utilized for creating non-depreciable assets like land is treated as Capital Reserve. However during the year no non-depreciable asset has been created.

- As no time extension has been approved to the Contractor M/s NCCL for not completing the project within schedule time as per contract, the full Price Reduction Schedule (PRS) of Rs. 31,33,51,873/- being 10% of the contract value plus other penalties, has been levied as per the provision of the contract (Contract Value Rs.301,54,01,252/-). The PRS amount recoverable has been added to the Capital Fund under GBS under **Schedule-1**. Out of the above PRS, an amount of Rs.15,30,87,877/- is yet to be recovered from the contractor and has been included under **Schedule-9.**

7. The provisions of Payment of Gratuity Act are applicable to the institute. Accordingly, based on Actuarial Valuation accumulated provision for Rs.1,43,33,097/- has been made in the accounts towards retirement benefit for a) Gratuity and b) Leave Encashment, which is reflected in accounts under **Schedule 5** – under Current Liabilities and Provisions as at 31.3.2017.

8. During the year excess of income over expenditure to the extent of the surplus interest lying invested in fixed deposit with banks/non-tradable government securities amounting to Rs. 1,73,34,164/- of Corpus Fund Assam have been ploughed back to the Assam Corpus Fund. The sum of Rs.8,49,81,625/- of the surplus interest lying invested in fixed deposit for Raebareli corpus is ploughed back to Corpus Fund of Raebareli as at 31.3.2017.

9. As per the EFC Sanction Ref. F.No.42024/6/2012-Gen.(Vol.II) dated 16.3.2015 with regard to Revised Cost Estimate of Jais Project taken by Department of Expenditure (Ministry of Finance), it is decided that RGIPT will confine its Jais Campus project in 47 acres of land only, as the acquisition of additional land by UPSIDC did not materialize. Consequent to this, the institute had applied to UPSIDC in 2015-16 for refund of advance payment of Rs. 185.00 Lakh made during previous years as per their demand, for acquisition of land. Out of the above, Rs. 143.00 Lakh was realized during the year and the balance of Rs.41.80 Lakh is grouped under Loans & Advances on capital account under **Schedule 9** as recoverable from UPSIDC.

10. The contract for civil & structural work awarded in June 2010 to M/s Punj Lloyd Ltd for an estimated contract value of Rs. 179,89,04,329/- had to be terminated in view of the contractor's failure to perform as per the agreed schedule. Prior to termination, the contractor raised certain claims not payable under the contract and on Institute's refusal to pay the claimed amount, the contractor invoked arbitration which is currently ongoing. Current Liabilities and Provisions includes Rs. 3,27,27,202.00, the unpaid balance amount against the value of work done by the contractor, (which is adjustable against the Institute's claim pending for adjudication under arbitration).

11. In the year 2013-14 the composite contract for Jais Campus project was awarded to M/s NCCL Limited on a Contract value of Rs. 301,54,01,252/-. The contractor has completed the work and payment to the tune of Rs. 286,87,52,224.00 has been released (up to 49 RA Bill) till 31st March'2017 including escalation on recommendation of the PMC (M/s EIL). The Final Bill of M/s. NCCL is not submitted till date of preparation of the Balance Sheet. Based on the assessment of PMC the total composite value of work done is Rs.311,43,70,000/-. Accordingly, a provision has been made in books against building construction for Rs.24.56.17,776 and PMC Fees to EIL for Rs. 2,21,05,600/- pending the Final Bill which is included under **Schedule 5.**

12. M/s MAC Associates had invoked arbitration claim of Rs.10,49,29,892/- plus interest on 15-4-2014 in respect of Finishing & Façade work LOI awarded to them on 27.2.2012. The final arbitral award was declared on **26th May 2017** by Arbitral Tribunal in favor of claimant for a sum of Rs.83,39,500/- only. RGIPT will soon study the award in details in order to either settle the claim and/or make application for setting aside the same in Court. Considering this, the claim amount of Rs.83,39,500/- has been considered as project cost and simultaneously, a provision for the same has been made under the **Schedule 5.**

13. MoPNG in its meeting held on 14.2.2014 proposed to set up a centre of RGIPT in the area of Fire Engineering, Safety and Energy Research at Bangalore. The foundation stone for this centre was laid at Kambalipura (Bangalore) by Minister PNG on 5.3.2014. RGIPT has prepared DPR for this Bangalore Centre and submitted to MoPNG. This preliminary nature of expenses for Rs.30.16 lakh for the above purpose was incurred by RGIPT Raebareli and charged to its Income and Expenditure during 2013-14, as allocation of fund for the Bangalore Centre is under process with MoPNG. The expenditure of Rs.30.16 lakh will be written back in accounts of Raebareli and adjusted against the specific fund after it is released by the Government.

14. **Contingent Liabilities**

(a) The following claims by the Contractors are under dispute for which Arbitration process has been invoked against the institute and the liability towards which as on 31.3.2017 is un-ascertainable:-

(i) M/s Tejveer Singh had invoked arbitration claim for Rs. 1,49,41,814.00 plus interest in respect of civil work of boundary wall at Jais Campus, against which RGIPT has lodged counter claim of Rs 52,62,280.00 plus interest. On 21.12.2016 the Arbitrator declared his award in favor of the Contractor for an amount of Rs.43,67,157/- only along with the simple interest of 9% if settlement is delayed beyond one month by institute. In this context RGIPT has filed a petition u/s 34 of Arbitration and Conciliation Act in the District Judge Court at Raebareli on 17th March 2017 to set aside the arbitration award. Due to the above circumstances the Contingent Liability now stands revised to Rs.43,67,157 plus interest of Rs. 4,68,430/- up to 31.3.2017.

(ii) Arbitration instituted by M/s Punj Lloyd from 26.8.2013 for Rs. 73,88,92,012.00 plus interest @18% of Rs.47,84,38,286 accrued upto 31.3.2017 in respect of Civil and Structural Work of RGIPT Campus in Jais, against which RGIPT has lodged counter claim on 29.1.2014 of Rs. 58,99,55,835/- plus interest @ 18% amounting to Rs.33,66,14,252/- accrued upto 31.3.2017. The arbitration is ongoing.

(b) An arbitration award for arrear salary (approx. Rs. 4.24 lakhs plus interest) against a claim from an ex-employee is under litigation in the Court of Law and no liability has materialized as on 31.03.2017.

(c) RGIPT had taken on lease premises from M/s ITI Ltd Rae Bareli from 2008 with enhancement clause of 10% every two years. The contract period has expired in July 2013 at which time RGIPT was paying monthly rent of Rs.10,08,739/- to ITI as per terms of the contract. M/s ITI has made a demand of enhanced monthly lease rental of Rs.19,64,185/- in order to further renew the lease for the above premises. RGIPT revised the monthly rental by 10% to Rs. 11,09,613/- according to terms of the lease signed in 2008. The monthly rent was being duly accepted by ITI Ltd. Matter has also not been referred to any Authority for redressal. RGIPT has since vacated ITI premises in November 2016. The contingent liability on the above account is Rs. 3.57 crore.

17. **Capital Commitments**

RGIPT had awarded a composite work contract for RGIPT Campus in Jais to M/s. NCCL for Rs. 301.54 Crore out of which payment of Rs. 286.87 crore has been released till 31st March'2017 and the balance capital commitment according to contract on this account is Rs. 14.70 Crore. A provision for payment of amount of Rs.24.56 Lakh is created which is subject to approval and settlement of the Final Bill of the Contractor, which has not been submitted till date of finalization of accounts. The project has been completed and handed over to RGIPT on 7.10.2017.

ACTING REGISTRAR | HEAD FINANCE | DIRECTOR | PRESIDENT

CAG REPORT

संख्या- एमएबी-।।/RGIPT/17-4/2017-18/

संख्या / No. :

भारतीय लेखा तथा लेखापरीक्षा विभाग
कार्यालय महानिदेशक वाणिज्यिक लेखापरीक्षा
एवं पदेन सदस्य, लेखापरीक्षा बोर्ड-II,
नई दिल्ली

INDIAN AUDIT & ACCOUNTS DEPARTMENT
OFFICE OF THE DIRECTOR GENERAL OF
COMMERCIAL AUDIT & EX-OFFICIO MEMBER,
AUDIT BOARD - II, NEW DELHI

दिनांक / DATE_____

सेवा में,

सचिव, भारत सरकार,
पेट्रोलियम और प्राकृतिक गैस मंत्रालय
शास्त्री भवन,
नई दिल्ली-110001

विषय: राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान के वर्ष 2016-17 के लेखों पर पृथक लेखापरीक्षा प्रतिवेदन ।

महोदय,

मै, राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान के वर्ष 2016-17 के लेखों पर पृथक लेखापरीक्षा प्रतिवेदन (अंग्रेजी) तथा वार्षिक लेखाओं की प्रति प्रेषित कर रही हूँ । इस सम्बन्ध में कृपया सुनिश्चित करें कि पृथक लेखापरीक्षा प्रतिवेदन एवं सम्बन्धित लेखों को संसद के दोनों सदनों के सम्मुख प्रस्तुत किया जाए एवं अन्तिम रूप से प्रस्तुत करने की तिथि भारत के नियंत्रक एवं महालेखापरीक्षक के साथ-साथ इस कार्यालय को भी सूचित करें ।

कृपया पत्र की प्राप्ति की सूचना दें ।

प्राप्त किया
03 NOV 2017
RECEIVED

भवदीया,

हस्ता/-
(नन्दना मुंशी)
महानिदेशक वाणिज्यिक लेखा परीक्षा
एवं पदेन सदस्य, लेखा परीक्षा बोर्ड-II
नई दिल्ली

संलग्नक:- यथोपरि ।

4th & 5th Floor, Annexe Building, CAG Office, 10, Bahadur Shah Zafar Marg, New Delhi - 110002
Tel. : 011-23239436 Fax : 011-23239433 E-mail : mabnewdelhi2@cag.gov.in

संख्या- एमएबी-II/RGIPT/17-4/2017-18/ 229 दिनांकः 31/10/2017

1. पत्र की प्रति, सचिव, भारत सरकार, पेट्रोलियम और प्राकृतिक गैस मंत्रालय, को जारी की गई पृथक लेखापरीक्षा प्रतिवेदन की प्रति सहित निदेशक, राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान रायबरेली को प्रेषित की जाती है ।

(नन्दनी मुंशी)
महानिदेशक वाणिज्यिक लेखा परीक्षा
एवं पदेन सदस्य, लेखा परीक्षा बोर्ड-II
नई दिल्ली

संलग्नकः- यथोपरि ।

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Separate Audit Report of Comptroller and Auditor General of India on the accounts of Rajiv Gandhi Institute of Petroleum Technology for the year ended 31 March 2017.

1. We have audited the attached Balance Sheet of Rajiv Gandhi Institute of Petroleum Technology (RGIPT) as on 31 March 2017 and the Income and Expenditure Account / Receipts and Payment Account for the year ended on that date under section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Services) Act, 1971 read with Section 26 of RGIPT Act, 2007. RGIPT has been set up under Rajiv Gandhi Institute of Petroleum Technology Act 2007 which has come into force from 1 June 2008. The preparation of these financial statements is the responsibility of the Institute's management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms etc. Audit observations on the financial transactions with regard to compliance with the Laws, Rules and Regulations (Propriety and Regularity) and efficiency-cum-performance aspects etc., if any, are reported through Inspection Report /CAGs Audit report separately.

3. We have conducted our audit in accordance with auditing standard generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and the disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, **we report that**:

i. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit;

ii. The Balance Sheet and Income & Expenditure Account / Receipt and Payment Account dealt with by this report have been drawn up in the format approved by the Government of India.

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iii. In our opinion, proper books of accounts and relevant records have been maintained by the Institute in so far as it appears from our examinations of such books.

iv. We further report that :-

Comment on Accounts

A. Grants-in-aid

At the end of the year 2015-16, the Institute was having unspent balance of Rs. 43.14 crore. During the year 2016-17. the Institute received Grant of Rs. 200.00 crore and earned interest of Rs. 10.22 crore on unspent grant. Out of the total balance of Rs. 253.36 crore, it utilized Rs. 97.32 crore leaving an unspent balance of Rs. 156.04 crore as on 31.03.2017.

B. Management Letter

Deficiencies, which have not been included in the Separate Audit Report, have been brought to the notice of the Institute through a Management Letter issued separately for remedial/corrective action.

v. Subject to our observations in the preceding paragraphs, we report that the balance sheet and Income & Expenditure Account/ Receipt and Payment Account dealt with by this report are in agreement with the books of Accounts.

vi. In our opinion and to the best of our information and according to the explanation given to us, the said financial statements read together with the Accounting Policies and Notes on accounts, and subject to the significant matters stated above and other matters mentioned in **Annexure** give a true and fair view in conformity with accounting principles generally accepted in India.

a. In so far as it relates to the Balance Sheet, of the state of affairs of Rajiv Gandhi Institute of Petroleum Technology as at 31 March 2017; and

b. In so far as it relates to Income & Expenditure accounts of the surplus for the year ended on that date.

N. Munshi

(Nandana Munshi)
Director General of Commercial Audit
& Ex-officio Member, Audit Board – II,
New Delhi

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ANNEXURE to SAR

1. **Adequacy of Internal Audit System**

   Internal Audit manual has not been prepared by the Institute. Institute did not have its own Internal Audit set up. However, Internal Audit for the year 2016-17 has been carried out by a Chartered Accountant Firm.

2. **Adequacy of Internal Control System**

   Internal control system exists in the Institute and required procedures were being followed in accordance with rules and guiding principles of the institute as prescribed in the RGIPT Act of the Parliament.

3. **System of Physical Verification of Assets**

   Physical verification of the Fixed Assets for the year 2016-17 has been carried out and no discrepancy has been found.

4. **System of Physical Verification of inventory**

   Physical verification of store consumables and non-consumables has been carried out and no variation has been found.

5. **Regularity in payment of Statutory Dues**

   There were no statutory dues outstanding against the Institute during 2016-17.

(A.K. GUPTA)
Director (Oil)

विधारत्नम् महद्धनम्

सम्पर्क Contact:

रघुनाथ भट्टाचार्या Raghunath Bhattacharya

कार्यवाहक कुलसचिव Acting Registrar

राजीव गाँधी पेट्रोलियम प्रौद्योगिकी संस्थान (आरजीआईपीटी)

RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY (RGIPT)

जायस, अमेठी – 229304 Jais, Amethi – 229304

उत्तर प्रदेश, भारत Uttar Pradesh, India

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