

Annual Quality Assurance Report (AQAR) for the Academic Year 2017-18

Submitted to



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
An Autonomous Institution of the University Grants Commission
P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India



Internal Quality Assurance Cell

Devineni Venkata Ramana & Dr. Hima Sekhar
MIC College of Technology

Accredited by NBA and NAAC with A Grade Affiliated by JNTUK, Approved by AICTE,
Kanchikacherla, Krishna District, Pin: 521180. A.P., India
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The Annual Quality Assurance Report (AQAR 2017-18) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution

Devineni Venkata Ramana & Dr. Hima Sekhar MIC College of Technology

1.2 Address Line 1

Kanchikacherla

Address Line 2

Krishna District

City/Town

Vijayawada

State

Andhra Pradesh

Pin Code

521180

Institution e-mail address

principal@mic.co.in

Contact Nos.

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Name of the Head of the Institution:

Dr. Y. Sudheer Babu

Tel. No. with STD Code:

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Name of the IQAC Co-ordinator:

K. Srinivas

Mobile:

9949733129

IQAC e-mail address:

igac@mictech.ac.in,
srinivas@mictech.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

APCOGN26878

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

EC (SC)/24/A&A/19.1 dated 02-05-2017

1.5 Website address:

www.mictech.ac.in

Web-link of the AQAR:

<http://www.mictech.ac.in/AQAR2017-18.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.22	2017	5 years
2	2 nd Cycle	--	--	--	--
3	3 rd Cycle	--	--	--	--
4	4 th Cycle	--	--	--	--

1.7 Date of Establishment of IQAC: DD/MM/YYYY

15/06/2016

1.8 AQAR for the year (for example 2010-11)

2017-18

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

NA

1.10 Institutional Status

University

State Central Deemed Private

Affiliated College

Yes No

Constituent College

Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

AICTE

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

Jawaharlal Nehru Technological
University Kakinada, Kakinada

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence UGC-CPE

DST Star Scheme UGC-CE

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes Any other (*Specify*)

UGC-COP Programmes

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2. IQAC Composition and Activities

2.1 No. of Teachers

08

2.2 No. of Administrative/Technical staff

01

2.3 No. of students

01

2.4 No. of Management representatives

01

2.5 No. of Alumni

01

2.6 No. of any other stakeholder and
Community representatives

02

2.7 No. of Employers/ Industrialists

--

2.8 No. of other External Experts

--

2.9 Total No. of members

14

2.10 No. of IQAC meetings held : 04

2.11 No. of meetings with various stakeholders:

Faculty

2

Students

2

Non-Teaching Staff

2

Alumni

1

Others

--

2.12 Has IQAC received any funding from UGC during the year?

Yes

No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.

2

International

National

State

Institution Level

02

(ii) Themes

Teaching learning process, outcome based education system

2.14 Significant Activities and contributions made by IQAC

- Academic audits were conducted.
- Feedback from the students on teaching & learning process has been taken through online feedback system.
- Faculty development programmes were organized.
- For the improvement of communication, soft skills and employability a programme was organized in association with APSCHE & British Council.
- Online certification programmes from Manipal Global Education Services (Manipal Prolearn) were organized for students and staff.
- Training programmes such as Digital Marketing, Android app development and fusion 360 in association with APSSDC were organized.
- A National Level Technical Paper contest “AAGAMA 2018” and workshops on various topics were organized to the students in the departments.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
NBA/NAAC awareness	NBA/NAAC awareness program was conducted to all the faculty members for Quality improvement and standardizing accreditation formats.
Improvement of quality in Teaching learning process	Academic audits were conducted in each semester. Online feedback was taken by the IQAC team under the supervision of IQAC chairperson.
Faculty development program	Faculty Development Programme by Prof. Sandhya Kode was conducted.

Research and Development	IQAC initiated various programs for the development of Research activities on the campus through CRDC.
To improve communication skills	IQAC initiated communication improvement classes on the campus. As a part of this classes were conducted to the Staff/Students in collaboration with APSICHE & British council of India
For the overall development of the Student community along with institutional growth	Introduction of online certification courses and initiation of venture development centre in collaboration with APSSDC

** Attach the Academic Calendar of the year as Annexure.*

2.15 Whether the AQAR was placed in statutory body Yes No
Management Syndicate Any other body

Provide the details of the action taken

The plans of the IQAC are submitted to the Principal who in turn discusses with all the Heads of the departments for appropriate action.

Criterion – I**1. Curricular Aspects**

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD				
PG	8			
UG	5	1		
PG Diploma				
Advanced Diploma				
Diploma	4			
Certificate				
Others				
Total	17	1		

Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	18
Trimester	---
Annual	---

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

No Revision. College is affiliated to JNTU Kakinada.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

B.Tech -Information Technology was introduced with an Intake of 60 Students.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	260	217	27	16	--

2.2 No. of permanent faculty with Ph.D.	24
---	----

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	96	--	3	--	2	--	--	--	101	--

2.4 No. of Guest and Visiting faculty and Temporary faculty	NIL		
---	-----	--	--

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	--	--	--
Presented papers	34	9	--
Resource Persons	--	--	--

2.6 Innovative processes adopted by the institution in Teaching and Learning:

Screen casting in labs, NPTEL, British council, Placement & training (CRT), EDC (Venture Development Centre), APSSDC, Online certification courses.
--

2.7 Total No. of actual teaching days during this academic year	200
---	-----

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)	NA
--	----

2.9 No. of faculty members involved in curriculum Restructuring /revision /syllabus development as member of Board of Study/Faculty/Curriculum Development workshop	NIL		
---	-----	--	--

2.10 Average percentage of attendance of students	81
---	----

2.11 Course/ Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.Tech-CE	111	33.33	59.09	7.58	---	59.45
B.Tech-EEE	103	38.46	59.61	1.92	---	50.48
B.Tech-ME	185	7.53	87.10	5.38	---	50.26
B.Tech-ECE	197	53.99	45.13	0.009	---	57.36
B.Tech-CSE	164	46.95	37.19	11.5	3.65	67.08

2.12 How does IQAC Contribute/ Monitor/ Evaluate the Teaching & Learning processes:

- IQAC collects feedbacks from the classes and the analysis report will be sent to the Principal and HoDs for further actions.
- IQAC conducts academic audits regularly.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	--
UGC – Faculty Improvement Programme	8
HRD programmes	42
Orientation programmes	--
Faculty exchange programme	--
Staff training conducted by the university	26
Staff training conducted by other institutions	24
Summer / Winter schools, Workshops, etc.	7
Others	--

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	26	NIL	NIL	NIL
Technical Staff	47	NIL	NIL	NIL
Other staff	157	NIL	NIL	NIL

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/ Promoting Research in the institution

In order to promote, encourage, guide, and monitor research and development in the institute, IQAC initiated establishment of CRDC cell (College Research and Development Committee) with the following functions.

- To create awareness on research among Faculty
- To identify thrust areas of research
- To advise encourage, review and monitor the progress of research & development in the institute
- To provide research related information like Ph.D, notifications, workshops, conferences, research funding sources, deadlines for applications etc.
- To review and monitor academic research (Ph. D works etc.)
- To provide guidelines to publish papers in journals and conferences
- To recommend to management and arrange for internal funding and adequate infrastructure support.
- To scrutinize minor/ major research project proposals for forwarding to sponsored funding bodies like UGC, DST and DRDO etc.
- To advise and encourage the departments to organize seminars/ workshops/ conferences.
- To help establish technology incubation centres and research centres
- To encourage researchers to patent their research outcomes and to solve societal problems.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	----	----	----	----
Outlay in Rs. Lakhs				

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	1			
Outlay in Rs. Lakhs	0.4 lakhs(ME)			

3.4 Details on research publications

	International	National	Others
Peer Review Journals	43	2	
Non-Peer Review Journals			
e-Journals			
Conference proceedings	32	4	

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects				
Minor Projects	3 months	IE(I)	Rs.40000/-	Rs.40000/-
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (<i>other than compulsory by the University</i>)				
Any other(Specify)	2 days	AICTE	1 Lakh	1 Lakh
Total				

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges
Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-----	-----	-----	-----	----
Sponsoring agencies	-----	-----	-----	-----	----

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	--
	Granted	--
International	Applied	--
	Granted	--
Commercialised	Applied	--
	Granted	--

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the institute in the year

Total	International	National	State	University	Dist	College
	1	--	--	--	--	--

3.18 No. of faculty from the Institution who are Ph. D. Guides
and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS:

University level State level
 National level International level

3.24 No. of Awards won in NCC:

University level State level
 National level International level

3.25 No. of Extension activities organized

University forum College forum
 NCC NSS Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

The following service activities were organised as a part of Institutional social and civic responsibility through NSS cell.

S.NO	DESCRIPTION OF EVENT	PLACE	TENTATIVE DATE
1.	International Yoga Day	Open air, Department of Mechanical Engineering	21-06-2017
2.	Distribution of note books	MPUP School, Perakalapadu	01-07-2017
3.	Distribution of note books	MPUP School, Pendyala	04-07-2017
4.	Mega blood donation camp	Seminar Hall, Department of Mechanical Engineering	15-07-2017
5.	“Vanam-Manam”, Tree Plantation	Highway to Perakalapadu Village	16-08-2017
6.	Armed forces flag day	College premises	07-12-2017
7.	Visit to Orphanage	Gunadala, Vijayawada	27-12-2017
8.	LLR Mela	College premises	10-01-2018
9.	Fund rise programme to help liver disease student	College premises	19-01-2018 & 20-01-2018
10.	5Km Walk for road safety	Nandigama	16-02-2018

Further the following events were organised as part of annual special camp.

S.NO.	TITLE OF THE EVENT	DATE	PLACE
1.	Inauguration of Special camp and Free Dental Check up Camp	12-03-2018	MPUP School, Perakalapadu
2.	ODF Survey & Awareness Rally	13-03-2018	MPUP School, Perakalapadu
3.	Free Eye Check up Camp	14-03-2018	MPUP School, Perakalapadu
4.	Tree Plantation	15-03-2018	Perakalapadu
5.	General Mega Medical camp, awareness on clean and hygiene.	16-03-2018	Perakalapadu
6.	Sports Day for MPUP School Children.	17-03-2018	MPUP School, Perakalapadu
7.	Distribution of spectacles to villagers, distribution of prizes to children and Valedictory	18-03-2018	MPUP School, Perakalapadu

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing Sq.mts.	Newly created Sq.mts.	Source of Fund	Total Sq.mts.
Campus area	25000	1400	MIC	26400
Class rooms	5362	1400	MIC	6762
Laboratories	4314.11	----	MIC	4314.11
Seminar Halls	147.81	----	MIC	147.81
No. of important equipments purchased (\geq 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)	45.11957			
Others				

4.2 Computerization of administration and library

- Office accounting activities are done by Tally software
- NewGenLib software is used for library
- Indigenously developed software is used for Exam results and student performance analysis

- Delnet is used in Library
- Barcoding is used in Library
- Student attendance on Bio-Metric Machines
- All institute vehicles are GPS traceable

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	40987	15370125.00	1136	494160.00	42123	15864285.00
Reference Books	6000	2250000.00	125	56250.00	6125	2306250.00
e-Books	6605	---	315	----	6920	-----
Journals	111	219290.00	4	10000.00	115	229290.00
e-Journals	568	835869.00	-----	-----	568	835869.00
Digital Database	1	20000.00	1	-----	2	20000.00
CD & Video	2203	-----	199	-----	2402	-----
Others (specify)	162	100000.00	-----	-----	162	100000.00

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet (~Bandwidth in Mbps)	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1100	12	100	01	01	20	70	30
Added	100	1	120	-		-	-	10
Total	1200	13	220	01	01	20	70	40

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Using NewGenLib Library Automation Software is used to automate total Library Services and It has Digital Library with 50 systems.

4.6 Amount spent on maintenance in lakhs:

i) ICT	3.5
ii) Campus Infrastructure and facilities	271.00460
iii) Equipments	45.11957
iv) Others	16.01575
Total :	335.63992

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- IQAC provided information about various student support services like canteen, Library, Sick Room, Placement Cell, Hostels, Games and Sports, Transportation, Health care, Computer Centers, NSS, etc.
- Students were trained by various campus placement training programs given by Training and Placement (T&P) cell to enhance employability skills.
- Various programs like Online certification programs, certification courses, communication improvement programs, VDC cell, APSSDC collaborative activities and talent clubs were initiated for the benefit of the students to compete in the competitive world.

5.2 Efforts made by the institution for tracking the progression

- Absentees information was sent as SMS to their parents every day.
- Students' academic performance was continuously analysed through assignments and Mid Examinations.
- Slow learners were identified and outcome based remedial classes were conducted for them.
- Parents were eventually informed about their ward's academic performance through academic & personal counseling sessions.

Examination section has provided a portal www.micexams.com to verify monitor the progress of the students with individual username and password.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Diploma
3068	294	---	720

(b) No. of students outside the state

Nil

(c) No. of international students

Nil

Men	No	%	Women	No	%
	2589	63.42		1493	36.57

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
366	99	12	264	0	741	389	100	2	197	0	688

Demand ratio : 74%

Dropout % : 1.11

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

CRT, P&T, Certification courses, ISB

No. of students beneficiaries

760

5.5 No. of students qualified in these examinations

NET SET/SLET GATE
 IAS/IPS etc State PSC UPSC Others

5.6 Details of student counselling and career guidance

CGP

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
20		319	26

5.8 Details of gender sensitization programmes

Women empowerment and Grievance Cell organised many activities on the campus for girl students in the year 2017-18 i.e.

1. An Awareness program on “Basic Behavioural Etiquette”
2. Dussera Celebration for hostellers
3. Cancer Awareness Programme
4. Essay writing competition
5. International women’s Day Celebration

An Awareness program on Basic Behavioural Etiquette: An Awareness program on “Basic Behavioural Etiquette” for I B. Tech. girl students was organised on 9th&10th Sept, 2017 by Women Empowerment and Grievance Cell. The session was conducted by Ms M.Arunakumari from DMS and Ms SujataAgarwal from BED. This program was initiated to enlighten and inspire the girl students on various aspects like good behaviour, physical and mental fitness, dressing style and healthy diet.

Dussera Celebration: On the occasion of Dussehra, Women Empowerment Cell organised a cultural event for all the hostel girls on 26th September 2017 at 2:30 P. M. in the Auditorium. All hostellers and female faculty members participated enthusiastically and presented many colourful cultural dance programmes.

Cancer Awareness Programme: Women Empowerment Cell took initiative to organize Cancer Awareness Programme by American Oncology on 12th October 2017. All girl students of MBA, MCA, I B.Tech and IV B.Tech and female faculty members of the college attended the programme. The Oncologist presented a power point presentation and discussed the causes and preventions of breast Cancer. Subsequent to the presentation an open discussion was conducted where the girl students got their doubts clarified regarding breast cancer.

Essay Writing Competition: As per the direction given by National Commission for women, Women Empowerment cell conducted an essay writing competition covering various aspects of legal rights of women. The competition was conducted on 11th October and 27th November 2017 for the girl students of B.Tech, MBA and Diploma. Around 152 girl students registered and participated in the competition. Three levels of assessment were done by judges for the impartial selection of the winners.

To boost the morale of girls, cash prizes were given to the winners on International Women’s Day i.e., 8th March 2018 by the chief guest, Lionn. Devineni Joni Kumari. Miss K. Tejaswini II CSE grabbed First prize (Rs 1500/-), P. Sravanthi III ECE got second prize(Rs 1000/- and K. Sri Pavithra III ECE and T. HarikaPriya I CSE received third prize(Rs500/-).

International women’s Day Celebration: The cell celebrates International Women’s Day every year to pay tribute to the strong spirit of women. Women Empowerment cell salutes women’s achievements, strengths, resilience and sacrifices made by women to encourage girl students. This year also the cell celebrated International Women’s day on 8th March 2018 at 2:00 P.M. in auditorium. Lion Devineni Joni Kumari, a philanthropist and the chief guest of the event addressed the gathering and boosted the morale of the girl students. A skit and many dance performances were organised by students

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	--	--
Financial support from government	2859	9,53,12,500.00
Financial support from other sources	--	--
Number of students who received International/ National recognitions	--	--

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: _____NIL_____

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Institute Vision:

To nurture excellence in the field of Engineering by imparting quality technical education, inculcating core values with skills, knowledge and behaviour to the learners, promoting research and technical services with global competence to the societal requirements.

Institute Mission:

- To provide state of the art infrastructure, instruction and preparing the students professionally deft and intellectually adept.
- To provide the qualified and experienced teaching faculty to mould the learners to compete in contemporary technical world.
- To provide socio-ethical exposure and holistic attitude in preparing responsible and informed citizens to build the nation.

- To provide international standards in conducting research, offering technical services by cutting edge technologies to meet the current and future challenges of technological developments.

6.2 Does the Institution has a management Information System

The Institution uses MIS for administration, attendance, Library and in Exam Cell

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

College is affiliated to JNTUK. It follows the curriculum provided by the JNTUK strictly. So there is no scope for curriculum development.

6.3.2 Teaching and Learning

- Provision of State-of-the art learning resources in Central Library & Information Centre and department libraries.
- Ergonomically designed classrooms with networking facility and provision of e-class rooms.
- Development of student support material.
- On line feedback system for ensuring quality teaching.
- Organization of Remedial classes.
- Delivery of Add-on-courses.
- Conduct of pre-placement training classes and campus connect programmes.
- Structured course files and lab manuals for all courses.
- Academic audit.
- Continuous improvement of resources.
- Online certification courses.

6.3.3 Examination and Evaluation

College strictly follows examination and evaluation reforms as per JNTUK guidelines.

6.3.4 Research and Development

In order to promote, encourage, guide, and monitor research and development in the institute, CRDC (College Research and Development Committee) has been constituted with the following functions.

- To create awareness on research among Faculty
- To identify thrust areas of research
- To advise encourage, review and monitor the progress of research & development in the institute
- To provide research related information like Ph.D , notifications, workshops, conferences, research funding sources, deadlines for applications etc.
- To review and monitor academic research (Ph.D works etc.)
- To provide guidelines to publish papers in journals and conferences
- To recommend to management and arrange for internal funding and adequate infrastructure support.

- To scrutinize minor/major research project proposals for forwarding to sponsored funding bodies like UGC, DST and DRDO etc.
- To advise and encourage the departments to organize seminars/workshops/conferences.
- To help establish technology incubation centres and research centres
- To encourage researchers to patent their research outcomes and to solve societal problems.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Institutional membership with DELNET which connects all libraries of technical institutions approved by AICTE in the country.

College library has membership in National Digital Library.

- BSNL has provided 20 Mbps VPNoBB (Virtual Private network over Broad Band) connection under NME-ICT (National Mission on Education through Information and Communication Technology – Project initiated by Ministry of HRD). The objective of this project is to provide NME-ICT network connection to the colleges and universities of the nation to bring all educational institutions into a single network for sharing the information.
- Wi-Fi connectivity is available in the Institution
- Construction of new building to facilitate the increase in intake.

6.3.6 Human Resource Management

- Orientation classes were conducted for new faculty members.
- Annual assessment of faculty is done through self-appraisal forms.
- Faculty are encouraged and sponsored to participate in FDP, workshops, Refresher Courses organized by other premier Institutions & Universities.
- Provident Fund is given to the faculty.
- Annual Increments are given to faculty as per the norms of Institution.

6.3.7 Faculty and Staff recruitment

- Whenever vacancies are identified, management recruits faculty and staff by giving advertisements in the newspapers. Staff Recruitment Committee will take care of these recruitments.
- The Management also conducts SKYPE interviews to recruit the faculty from the premier institutes like IIT , NIT and university colleges by communicating with their Human resource /placement cell.

6.3.8 Industry Interaction / Collaboration

- College has signed MOUs with various Industries/organizations for the benefit of students and staff.
- Regular Industrial Visits are conducted for students to enhance their technical skills.
- Industrial training is being arranged for the Lab Technicians.
- Guest lectures are organized for students from the industry experts to fill the Industry-Institute gap.

6.3.9 Admission of Students

UG and PG courses

- 70% of the admissions are done by Convener, EAMCET, Andhra Pradesh through State Government.
- Remaining 30% of the admissions are done by the management based on the guidelines given by APSCHE (Andhra Pradesh State Council for Higher Education).

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> • Free Transport facility for Professors and Associate professors and subsidized transport charges for remaining staff members. • Incentives, Promotions and increments are given regularly. • Maternity leave and post maternity leave are provided once. • Earned Leave, Employee provident fund, Medical Leave is provided.
Non teaching	<ul style="list-style-type: none"> • Sponsorship to Workshops/Seminars/Refresher courses, 100% registration Fees are provided besides on duty or special casual leave. • Group mobile plans are provided based on the necessity
Students	<ul style="list-style-type: none"> • Gold medals and merit awards will be given to the meritorious students. • Canteen provision with subsidised price • Dispensary on the college campus • Group Insurance for the students while visiting industries

6.5 Total corpus fund generated

Rs.52572521

6.6 Whether annual financial audit has been done Yes No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	TUV South asia	Yes	TUV South asia
Administrative	Yes	TUV South asia	Yes	TUV South asia

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Examinations reforms defined by the JNTUK are strictly followed by the Institution.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

University promotes autonomy if the college is

- Accredited by NBA or NAAC.
- Must have more than 10 years since its inception.
- permanently affiliated
- Has UGC 12(f) and 2(b)

6.11 Activities and support from the Alumni Association

- Alumni meets are conducted annually
- Alumni meet the current students when they visit the college
- Alumni provides information about placements
- T&P cell and departments continuously communicate with them

6.12 Activities and support from the Parent – Teacher Association

- Parents are contacted via telephone during the counseling sessions.
- Parents are informed about their ward whenever there is any discrepancy.
- Parents meetings are conducted regularly in each and every department.
- Informal parent teacher meetings are conducted for any serious issues.

6.13 Development programmes for support staff

- Training programmes are conducted for supportive staff when and where necessary
- Faculty are encouraged to go for higher education/ add on courses

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Plantation on the campus as a go green initiative
- Provision of Water sprinklers for plants

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- APSSDC
- VDC
- BRITISH COUNCIL
- MANIPAL CERTIFICATION COURSES

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Plan of action	Achievements	Remarks
To monitor and make efforts to attain the Course Outcomes along with the Program Outcomes and Program Educational Objectives	Standard NBA/NAAC procedures are followed even after the accreditation for continuous improvement in the institution by taking feedback from the stakeholders.	NBA/NAAC documentation work completed in the departments for the year 2017-18.
To improve teaching learning process	Special classes taken for slow learners and remedial classes conducted in each department to improve pass percentage.	Feedback system provided scope to improve teaching skills of the faculty
To improve core subject knowledge among the students	Manipal University Online certification programs were introduced on the campus.	
To improve communication skills	Classes are taken in collaboration with APSICHE & British council of India	22 teachers and 603 students were benefitted with this program
To improve soft skills	Campus recruitment training provided to the students	
To apply for sponsored research grants from various funding agencies like DST/AICTE/UGC/DRDO /ISRO /SERB etc.	Research proposals were Submitted to the respective Organizations.	One research proposal (AICTE) and one project proposal (IE) sanctioned.
To enhance the number and quality of research paper publications in renowned Conferences and Journals	Number of research papers were published in conferences and Journals	81 papers published in the International and national Journals and conferences.
To conduct FDP's, workshops, other training programs for the students and Staff	Programs were conducted in all the departments. List is enclosed as Annexure.	
To enhance computing and ICT facilities	No. of computers enhanced and broadband width also increased.	100 computers were added to the existing number
To enhance service activities.	More number of service activities were conducted through college NSS cell	Total 17 events were conducted during this year.
Campus beautification, clubs	Tree plantation, Gardening and new student Clubs were enhanced	Departmental club

		activities were conducted through (ICE) Initiative for co-curricular and extra-curricular activities. Talentia Literary club was initiated.
Planned to enriching Built-up	New block was constructed for the Diploma students exclusively	

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- Finishing school program
- Honing leadership qualities among students through consistent and efficient mentoring of students (Learning by doing)

7.4 Contribution to environmental awareness / protection

- Plantation inside the campus and in surrounding villages by NSS volunteers
- Organizing swatch Bharat campaigns in the surrounding villages by NSS volunteers
- Offering Environmental Science as a compulsory subject to all B.Tech students
- Use of solar panels for campus lights/ use of renewable energy resources
- Organizing guest lectures on Awareness of Environmental Science

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

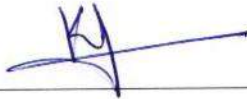
Nil

8. Plans of institution for next year

- To get autonomous status for the institution.
- To improve pass percentage of the students.
- To improve placements and motivate the students to go for higher studies.
- To enhance built-up space
- To establish research centres in departments.
- To organise International/National conferences, FDP's, workshops etc.
- To enhance computing and ICT facilities.
- To enhance sports and games facilities.
- To inculcate social responsibility among the students by conducting more service activities.

Name K. SRINIVAS

Name Dr. Y. SUDHEER BABU



Signature of the Coordinator, IQAC



Signature of the Chairperson, IQAC
Dr. Y. SUDHEER BABU, Ph.D, IITM
PRINCIPAL
Devineni Venkata Ramana & Dr. Himasekhar
MIC College of Technology
KANCHIKACHERLA, Krishna District

Abbreviations:**Annexure I**

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

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(Established by AP Government Act No. 30 of 2008)

Lr. No. JNTUK/DAP/Aca.Cal/ B.Tech/I Year/2017-18

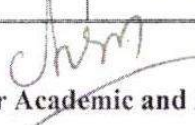
Date: 28-06-2017

Dr. Ch. Satyanarayana
M.Tech, Ph.D.,
Director, Academic & Planning

To
The Principals of All Affiliated Colleges,
JNTUK, Kakinada

ACADEMIC CALENDAR
for
B.TECH I YEAR
2017 BATCH

B.TECH I YEAR I Semester			
Description	From	To	Weeks
Commencement of Class Work	29-06-2017	15-07-2017	Orientation
I Unit of Instructions	17-07-2017	09-09-2017	8W
I Mid Examinations	11-09-2017	16-09-2017	1W
II Unit of Instructions	18-09-2017	11-11-2017	8W
II Mid Examinations	13-11-2017	18-11-2017	1W
Preparation & Practicals	20-11-2017	25-11-2017	1W
End Examinations	27-11-2017	09-12-2017	2W
Commencement of Class Work	11-12-2017		
B.TECH I YEAR II Semester			
I Unit of Instructions	11-12-2017	03-02-2018	8W
I Mid Examinations	05-02-2018	10-02-2018	1W
II Unit of Instructions	12-02-2018	07-04-2018	8W
II Mid Examinations	09-04-2018	14-04-2018	1W
Preparation & Practicals	16-04-2018	21-04-2018	1W
End Examinations	23-04-2018	05-05-2018	2W
Commence of Class work	11-06-2018		


Director Academic and Planning

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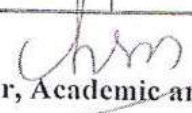
Date: 07-06-2017

Dr. Ch. Satyanarayana
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Director, Academic & Planning

To
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JNTUK, Kakinada

ACADEMIC CALENDAR FOR
B.TECH/ B.PHARM II YEAR
2016 BATCH

B.TECH/ B.PHARM II YEAR I Semester			
Description	From	To	Weeks
Commencement of Class Work	12-06-2017		
I Unit of Instructions	12-06-2017	05-08-2017	8W
I Mid Examinations	07-08-2017	12-08-2017	1W
II Unit of Instruction	14-08-2017	07-10-2017	8W
II Mid Examinations	09-10-2017	14-10-2017	1W
Preparation & Practicals	16-10-2017	21-10-2017	1W
End Examinations	23-10-2017	04-11-2017	2W
Commencement of Class Work	20-11-2017		
B.TECH/ B.PHARM II YEAR II Semester			
Commencement of Class Work	20-11-2017		-
I Unit of Instructions	20-11-2017	13-01-2018	8W
I Mid Examinations	15-01-2018	20-01-2018	1W
II Unit of Instruction	22-01-2018	17-03-2018	8W
II Mid Examinations	19-03-2018	24-03-2018	1W
Preparation & Practicals	26-03-2018	31-03-2018	1W
End Examinations	02-04-2018	14-04-2018	2W
Commence of Class work	11-06-2018		


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Lr. No. JNTUK/DAP/Aca.Cal/B.Tech/B.Pharm-III Year/2017-18

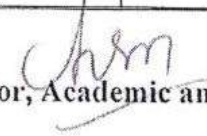
Date: 07-06-2017

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To
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ACADEMIC CALENDAR FOR
B.TECH/ B.PHARM III YEAR
2015 BATCH

B.TECH/ B.PHARM III YEAR I Semester			
Description	From	To	Weeks
Commencement of Class Work	12-06-2017		
I Unit of Instructions	12-06-2017	05-08-2017	8W
I Mid Examinations	07-08-2017	12-08-2017	1W
II Unit of Instruction	14-08-2017	07-10-2017	8W
II Mid Examinations	09-10-2017	14-10-2017	1W
Preparation & Practicals	16-10-2017	21-10-2017	1W
End Examinations	23-10-2017	04-11-2017	2W
Commencement of Class Work	20-11-2017		
B.TECH/ B.PHARM III YEAR II Semester			
Commencement of Class Work	20-11-2017		-
I Unit of Instructions	20-11-2017	13-01-2018	8W
I Mid Examinations	15-01-2018	20-01-2018	1W
II Unit of Instruction	22-01-2018	17-03-2018	8W
II Mid Examinations	19-03-2018	24-03-2018	1W
Preparation & Practicals	26-03-2018	31-03-2018	1W
End Examinations	02-04-2018	14-04-2018	2W
Commence of Class work	11-06-2018		


Director, Academic and Planning

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Dated: 14-08-2014

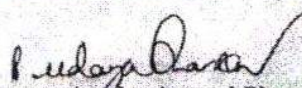
Prof. P.Udaya Bhaskar
B.Tech, M.Tech, Ph.D.
Professor of Civil Engineering &
Director

To
The Principals of Affiliated Colleges
JNTUK, Kakinada.

**PROPOSED ACADEMIC CALENDAR FOR THE COMMENCEMENT OF CLASS WORK
FOR B.TECH /B.PHARM IV YEAR -I & II SEMESTER.**

The Proposed Academic Calendar for IV Year I & II Semester B.Tech/ B.Pharm courses during the Academic year 2017-18 is detailed below.

B.TECH/B.PHARM IV YEAR (2014 Admitted Batch) I Semester			
Description	From	To	Weeks
Commencement of Class Work	19-06-2017		-
I Unit of Instructions	19-06-2017	12-08-2017	8W
I Mid Examinations	14-08-2017	19-08-2017	1W
II Unit of Instruction	21-08-2017	14-10-2017	8W
II Mid Examinations	16-10-2017	21-10-2017	1W
Preparation & Practicals	23-10-2017	28-10-2017	1W
End Examinations	30-10-2017	11-11-2017	2W
Commencement of Class Work	27-11-2017		
B.TECH/B.PHARM IV YEAR (2014 Admitted Batch) II Semester			
Commencement of Class Work	27-11-2017		-
I Unit of Instructions	27-11-2017	20-01-2018	8W
I Mid Examinations	22-01-2018	27-01-2018	1W
II Unit of Instruction	29-01-2018	24-03-2018	8W
II Mid Examinations	26-03-2018	31-03-2018	1W
Preparation & Practicals	02-04-2018	07-04-2018	1W
End Examinations	09-04-2018	21-04-2018	2W


Director Academics and Planning (DAP)
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