



VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD  
Autonomous institute affiliated to JNTUH

MINUTES OF 18<sup>TH</sup> GOVERNING BODY MEETING

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VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD  
Autonomous institute affiliated to JNTUH

**MINUTES OF 18<sup>TH</sup> GOVERNING BODY MEETING**

**17-06-2019**

**MEMBERS PRESENT:**

▪ Dr. T. Vijender Reddy	Chairman
▪ Sri. T. Upender Reddy	Member
▪ Sri. E. Prabhakar Reddy	Member
▪ Dr. K. Mallikharjuna Babu	Member
▪ Dr. K. Lakshmi Narayana	Member
▪ Sri. M. Balaji	Member
▪ Dr. E. Saibaba Reddy	Member
▪ Sri. E. S. Chakravarthy	Member
▪ Smt. Madhavi Chandra	Member
▪ Dr. H. S. Jain	Member
▪ Sri. N. Hanuman Reddy	Invitee
▪ Sri. K. L. Raghavender Reddy	Invitee
▪ Dr. S. Sai Satyanarayana Reddy	Member Secretary

**LEAVE OF ABSENCE:**

▪ Sri. M. Rajasekhar Reddy	Member
▪ Dr. J. V. R. Ravindra	Member

The Chairman, Governing Body (GB), extended a cordial welcome to all the Members & Invitees to the meeting. The Chairman extended a cordial welcome to all the new members attending their first meeting.

**Section 1: ITEMS FOR CONFIRMATION AND ACTION TAKEN REPORT**

**1.1 Confirmation of minutes of the 17<sup>th</sup> GB Meeting held on 16-07-2018**

The Governing Body confirmed the minutes of the 17<sup>th</sup> GB meeting held on 16-07-2018.

**1.2 To note the Action Taken on the Decisions / Resolutions of the 17<sup>th</sup> GB Meeting held on 16-07-2018**

The GB noted the Action Taken Report (ATR) of the 17<sup>th</sup> GB meeting of the GB held on 16-07-2018 and approved. *ATR is shown in Annexure-I.*

## Section 2: INTRODUCTION OF NEW MEMBERS OF THE GB

### 2.1 Introduction of New Member Dr. E. Saibaba Reddy

The Member Secretary introduced, Dr. E. Saibaba Reddy, Principal & Professor of Civil Engineering, JNTUHCEH who is nominated as a member of GB by the JNTUH as **University Nominee** vide Lr. No. D1/960/2018 dated 20-07-2018.

### 2.2 Introduction of New Member Sri. M. Balaji

The Member Secretary introduced, Sri. M. Balaji, who has taken charge as the Principal, Government Polytechnic College, Gadwal in the place of Sri. K. Venkan Goud and became the member of the GB as **State Government Nominee**.

### 2.3 Introduction of New Member Sri. E. S. Chakravarthy

The Member Secretary introduced, Sri. E. S. Chakravarthy, Centre Head - Operations Tata Consultancy Services, Bengaluru who is nominated as a member of the GB by the Chairman, Vardhaman College of Engineering, as **Industry Expert**.

### 2.4 Introduction of New Member Dr. K. Mallikharjuna Babu

The Member Secretary introduced, Dr. K. Mallikharjuna Babu, Director & CEO, Vardhaman College of Engineering who is nominated as the member of the Governing Body by the Chairman, Vardhaman Educational Society, as **Management Nominee**.

*The Nomination Letters are shown in Annexure-II.*

## Section 3: INFORMATION ITEMS

### 3.1 Affiliations and Approvals

#### 3.1.1 JNTUH Affiliation

The Member Secretary informed that JNTUH affiliation for 2019-20 is received with no deficiencies identified in A119 application and during the FFC inspection. Further, Member Secretary mentioned that VCE is the only institution, which has received affiliation without any deficiency identified from JNTUH. *The affiliation letter is Shown in Annexure-III.*

The GB noted and appreciate the same.

### **3.1.2 AICTE Approval**

The Member Secretary informed that AICTE approval for 2019-20 is received. Further, appraised that scrutiny committee inspection is over for AICTE extended EOA (Extension of Approval) from **2019-20 to 2021-22** was recommended by the committee, which will benefit the institution in the form of exemption of AICTE application fee for the next two years. Official correspondence in this matter is expected.

The GB noted and appreciate the same.

### **3.2 Status of Accreditation**

#### **3.2.1 National Board of Accreditation (NBA)**

The Member Secretary apprised that the Expert committee from NBA visited the college from 14-12-2018 to 16-12-2018 and Evaluated the following five under graduate programs:

1. Computer Science and Engineering
2. Information Technology
3. Electronics and Communication Engineering
4. Electrical and Electronics Engineering
5. Mechanical Engineering

As per the communication received from the Members Secretary, NBA, all the applied programs got accredited for a period of 3 years from 2018-2019 to 2020-2021 (vide F No. 11-131-2010-NBA dated 22-05-2019). Further, Member Secretary informed the scores given by the expert committee under various criterions to the programmes accredited.

GB enquired into the reasons for securing less marks by the Mechanical Engineering and Electrical & Electronics Engineering programmes as compared to the other three programs, where the infrastructure and other facilities provided by the institution is same among all programmes. The CEO submitted that, the marks depend on several factors (NBA Criteria), and the infrastructure construed for very less marks.

The GB suggested that top 20 students of all the programmes and faculty can be brought on a common platform to discuss the improvements that can be made to the curriculum. While on the subject, the CEO informed the GB that a similar process was planned in the form of orientation/awareness program for students of B.Tech. II-I, in June 2019 to introduce the changes made in the curriculum and systems for improving their learning experience.

The GB noted the same and appreciated the efforts of all the concerned.

### **3.2.2 National Assessment and Accreditation Council (NAAC)**

The Member Secretary appraised that NAAC Accreditation validity period is extended up to 31-12-2019 (vide F No. NAAC/DO/LP/A&A-RAF-AU/2019 dated 18-02-2019).

The GB noted the same.

*The Accreditation Letters / Certificates are Shown in Annexure-IV.*

### **3.3 National Rankings/Surveys**

#### **3.3.1 National Institutional Ranking Framework 2019 (NIRF)**

The Member Secretary appraised that the institution secured 152 rank among the 200 top engineering institutions of India by the NIRF 2019 rankings published on 08-04-2019.

The GB noted and appreciate the same.

#### **3.3.2 AICTE CII Survey**

The Member Secretary appraised that the institution is participating in AICTE - CII Survey of Industry Linked Technical Institutes from 2014-2015. For the year 2018, the institution is rated with Platinum category in the survey results published on 30-11-2018.

The GB noted and appreciate the same.

#### **3.3.3 Times Engineering Survey 2019**

The Member Secretary appraised that the institution is ranked with first position in the category of research, first position in the category of infrastructure and ranked fourth in placements and ranked fourth in the top 25 private engineering institutions of Telangana State.

The GB noted and appreciate the same.

#### **3.3.4 Careers360 Ranking**

The GB was informed that the institution was rated AAA+ continuously from 2016 including current year rankings.

The GB noted and appreciate the same.

*The Ranking Certificates / Survey Reports are Shown in Annexure-V.*

### **3.4 Academic Performance of 2019 Passed-out students**

The Member Secretary informed the academic performance of the 2019 passed-out batch students *enclosed at Annexure-VI.*

The GB noted the same. While on the subject, the GB appreciated the first year pass percentage was 81.4% suggested to maintain the same throughout the four years.

### **3.5 Placement Details**

The Member Secretary informed the details of the student placements for the year 2018-19 and updated the panel of companies for campus drives 2020 at the institution. *The details are Shown in Annexure-VII.*

The GB noted the same. The industry expert said that the skills of the students learning experience can be measured and enhanced by using Baldrige framework. The Baldrige framework, empowers the institution to accomplish its mission, improve results, and become more competitive. Further, it helps in planning and managing the institute as a unified whole, that is system centric.

The GB welcomed the suggestion.

### **3.6 Memorandum of Understandings (MoUs)**

The Member Secretary informed the GB about MOUs signed with the industry and expected outcomes for the year 2018-2019.

The GB noted the same. Industry expert enquired about MOUs with product based companies and the MS submitted the total MOUs list. *The details are Shown in Annexure-VIII.*

### **3.7 Research Activities**

The Member Secretary informed the number of research papers published, number of books published, number of patents published / filed and the details of externally funded projects. *The details are enclosed at Annexure-IX.*

The GB noted the same and suggested to recruit Chief Research Officer and the Member Secretary submitted that Dr. P. Martin Jabaraj is observed as Dean (Research & Development) who is looking into all the aspects of Research like Research Projects, Progress of PhD work by the Faculty, Student Projects, Vhub (Innovation Centre of Vardhaman College of Engineering) and Consultancy Projects as well.

The GB noted and appreciated the efforts made in this regard.

## Section 4: ITEMS FOR RATIFICATION

### 4.1 Teaching and Non-Teaching Staff Recruitment

The Member Secretary appraised that applications for teaching positions in various departments (CE/IT/EC/EE/ME/CE/FE/MBA) were invited through advertisement in details particularly from the candidates possessing PhD degree. Around 2100 applications are received. Candidates possessing PhD degree from IITs/IITs/NITs/Other universities of repute were shortlisted for conducting interviews.

Further, informed that for non-teaching positions VCE received around 200 applications and interviews were conducted for the shortlisted candidates on 27-05-2019. *The list of recruited staff members is Shown in Annexure-X.*

The GB noted the recruitment of the non-teaching staff and ratified the same.

## Section 5: ITEMS FOR APPROVAL

### 5.1 Board of Students and Academic Council

The Member Secretary appraised that During January 2019, in the BOS meeting of departments, all the Boards of Studies approved and recommended the amendments made to R18 Regulations and also approved detailed syllabus of II Year B. Tech. I & II Semesters. *The BOS Minutes are enclosed in Annexure-XI.*

The Member Secretary informed that Academic Council (AC) approved the R18 Regulations in its 7<sup>th</sup> meeting held on 14-07-2018. During the 8<sup>th</sup> AC meeting held on 07-06-2019, the council approved amendments made to R18 regulations including the introduction of integrated courses. Further, directed to go for R19 regulations to change the assessment pattern. *The AC Minutes are enclosed in Annexure-XII.*

The Member Secretary explained the efforts made to train the faculty before introducing Social Innovation and Engineering Exploration courses including sending the faculty to KLE University and activities conducted under IUCEE.

The GB appreciated the efforts made by the institution in this regard.

### 5.2 Draft Budget

After due discussions and deliberations the GB deferred the item until the next meeting.



### 5.3 Establishment of Research Fund

The CEO proposed to establish research fund of total Rs. 20 lakhs for the institution faculty subjected to a maximum limit of Rs. 2 lakhs per faculty.

The GB noted and approved the proposal.

## Section 6: ANY OTHER POINTS WITH THE APPROVAL OF THE CHAIR

### 6.1 Curricular Reforms

The CEO explained the proposed curriculum framework including the course-packs, teaching learning process, assessment etc.

While appreciating the presentation, the GB welcomed the move for inclusion of library resources in the course-packs to improve the utilization of the resources and focusing on the learning experience of the students. Further, the GB given the following comments:

- a) It was suggested to go for 40 marks for CIE and 60 marks for SEE, since some of the colleges are already in pursuance with the university to amend the weightage from the AY 2019-20.
- b) To recruit more number of faculty from latest specializations opted / expected by the students.
- c) To add problems to a designated databank and opined that if 80% of the students can crack the question then replace few questions with a new one.

### 6.2 Studio Construction

In response to the suggestion by the members of the GB, The CEO appraised that a proposal for establishing Studio is under observation. He also said that a YouTube channel will be started for promoting the institutional activities (Branding).

GB suggested to include student toppers to ensure optimum utilization of the facility.

While appreciating this move the UGC nominee of the GB opined that this facility will become a platform for such faculty those who have extraordinary skills, but they may not be exposed to the outside world.

The GB noted the same approved the proposal.

### 6.3 Other Comments / Suggestions by the Members:

**6.3.1 Focus on Change management:** The changes brought in should be understood by the stakeholders and suggested to conduct induction program. In response the CEO appraised that the orientation programme is already scheduled and going on to bring in the awareness.

**6.3.2 Link Industry:** To link course-packs with the industry. The CEO submitted that it is one of the main motto of introducing course-packs and already incorporated.

**6.3.3 Include Integrated Environment:** The GB suggested to blend the theory with practical where a student can implement or solve a problem parallel in the theory class. Further, suggested to organize the infrastructure to implement the same. The CEO appraised that partial implementation of the same is planned for implementation for II Year B. Tech. I Semester courses with the integrated courses.

**6.3.4 Culture of Vardhaman College of Engineering:** The GB suggested to conduct an induction session about VCE, why VCE and advised to create VCE culture. The GB also suggested that Research Projects should be given to each student. CEO informed that steps are being taken to assign Projects based on the interest, ability and capability of students.

**6.3.5 Introduction of Foreign Language Courses:** The GB suggested to include foreign languages like German / Spanish / French to the students as it has a large scope in the IT industry currently and also in the future.

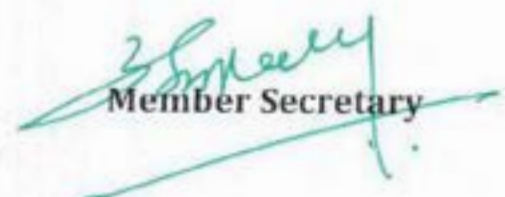
**6.3.6 Faculty Internships:** The GB suggested to involve faculty in internships. It is also opine that unless teacher knows the industry, they cannot guide students as per the current industry trends.

**6.3.7 Involving the Deans and HODs in the GB meetings:** The Chairman suggested to involve Deans and HODs in the GB meetings. They are expected to present achievements of the department and their road map for improvement at their respective departments.

Also, the Chairman suggested to organize online (skype) GB meeting next time.

The meeting concluded with vote of thanks to the Chair.

  
Chairman

  
Member Secretary



**VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD**  
Autonomous institute affiliated to JNTUH

**Action Taken Report for the Governing Body Meeting held on 16-07-2018**

Agenda Number	Resolution	Action Taken
1	The GB directed the principal to prepare and submit the Self-Assessment Report (SAR) with in the stipulated time.	SAR prepared and submitted to NBA in October 2018
2	The GB instructed the Principal and the IQAC about the preparation of AQARs and timely submission to NAAC.	AQARs submitted for the years 2015-2016, 2016-2017 and 2017-2018.
3	The GB directed the principal to take necessary steps to improve the prospectus further to convincing levels to match the parameters for better Ranking in NIRF 2019	The following improvements shown in NIRF Ranking 2019: <ul style="list-style-type: none"> <li>▪ Pass percentage of 2017-18 batch is 88.39% which has improved 10% compared to the previous academic year of 2016-17</li> <li>▪ Sponsored Research amount doubled compared to previous year (115 lakhs compared to 52 lakhs)</li> <li>▪ Number of Doctoral faculty has increased compared to previous year</li> <li>▪ Number of placements has increased compared to previous year (574 compared to 522)</li> </ul>



VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD  
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**LIST OF NEW GOVERNING BODY MEMBERS**

S. No	Category	Name of the Member	Designation	Profession
1	University Nominee	Dr. E. Saibaba Reddy	Member	Professor of Civil & Principal, JNTUHCEH
2	State Government Nominee	Sri. M. Balaji	Member	Principal, Govt. Polytechnic
3	Industrialist	Mr. E. S. Chakravarthy	Member	Centre Head - Operations, TCS
4	Management Nominee	Dr. K. Mallikharjuna Babu	Member	Director & CEO, VCE

Web : [www.jntuh.ac.in](http://www.jntuh.ac.in)  
 Email : [pa2registrar@jntuh.ac.in](mailto:pa2registrar@jntuh.ac.in)  
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PROCEEDINGS OF THE  
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**

(Established by Govt. Act No. 30 of 2008)

Kukatpally, Hyderabad – 500 085, Telangana, India

**Dr. N. YADIAH**

**B.E (OUCE), M.Tech (IIT KGP), Ph.D (JNTU),**  
 SMIEEE, FIE, FIETE, MSSI, MISTE ,  
 Professor of EEE, &  
 REGISTRAR

**Date: 14-05-2019**

To

The Principal / Secretary /Chairman  
 VARDHAMAN COLLEGE OF ENGINEERING (CC:88) ,  
 KACHARAM, SHAMSHABAD, HYDERABAD, SHAMSHABAD,  
 RANGA REDDY - 501218.

Sub : - Communication of grant of affiliation for the academic year 2019-20-Reg.

- Ref : 1. Your College online application dated: 09-03-2019. for grant of affiliation for the academic year 2019-20.  
 2. Deficiency report Dated: 28-04-2019 / 29-04-2019.  
 3. Online appeal submitted Dated: NIL

With reference to the above, your College made an application for grant of affiliation for the academic year 2019-20. Pursuant to your application the University has conducted an inspection and communicated the deficiencies for conduct of the academic courses.

Pursuant to the communication of deficiencies you have filed an appeal for reconsideration and the University reviewed the same or re-inspection was conducted. Based on the above, the University has granted affiliation to the following UG and PG courses for the A.Y. 2019-20:

S.No	Name of the Course	Intake
1.	B.Tech - Civil Engineering	60
2.	B.Tech - CSE	240
3.	B.Tech - ECE	240
4.	B.Tech - EEE	120
5.	B.Tech - Information Technology	120
6.	B.Tech - Mechanical	120
7.	M.Tech - Structural Engineering	18
8.	M.Tech - CSE	18
9.	M.Tech - Digital Electronics & Communication Systems	18
10.	M.Tech - Embedded Systems	18
11.	M.Tech - Power Electronics & Electrical Drives	18
12.	M.Tech - Engineering Design	18
13.	MBA - MBA	60

\* In case, Ph.D qualified faculty members requirement is not met for the proposed intake, then the proposed intake is reduced proportionately as per the Ph.D possessing faculty members.

# In case, the admitted intake is less than 25% of the JNTUH sanctioned intake in any of the applied courses in all the

previous three years but the admitted intake is at least 10 or above in one of the previous three years, then such courses are considered for affiliation with a minimum intake of 60, provided they meet other requirements as per norms. However, the faculty requirement is calculated based on sanctioned intake only.

## Due to non- availability of Principal for the majority period during the Academic year 2018-19, the intake is reduced to 50% of the normal JNTUH sanctioned intake (subject to a maximum of 60) in the course having highest sanctioned intake and also having least admissions during previous Academic Years.

Further, the University is not inclined to grant affiliation for the remaining courses indicated in annexure due to any of the following reasons:

I) a. Principal/Faculty members deficiency such as

1. Principal / Faculty members not qualified as per AICTE norms.
2. No Principal / Faculty - Student ratio is less than required as per the norms.
3. No Valid SCM.
4. Lack of identity proof of faculty member such as valid PAN Card/ Aadhaar Card of the faculty member (for the verification of faculty member particulars).
5. Lack of proof of payment of salary particulars for existing staff (Bank statement including TDS particulars).
6. Blacklisted/ Multiple registrations.
7. Not satisfying biometric attendance criteria.

b. Laboratory deficiency

1. Non availability / Non working condition of laboratory equipment.
2. Lack of all supporting documents for laboratory equipment.
3. Non - Fulfilment of the additional laboratory requirement.

II) As per clause: 3.30 of affiliation regulations 2019-20.

III) No admission status in the courses due to no classwork going on / acute faculty shortage / lab equipment shortage during surprise inspection.

The above are essential for imparting Quality Technical Education.

This affiliation is granted based on the continuous availability of faculty members shown in A-419, any mobility of such faculty members should be as per due procedure & shall be informed to DUAAC on a monthly basis. In case it is found at any later / future point of time, that these faculty are not available, the Institution is liable for punitive action as per the affiliation regulations.

You are directed to install handheld biometric system and CC cameras to record staff (if not implemented BAS) and student attendance particulars and communicate to the University on a daily basis.

It is further stated, that the University reserves its right to make further re-inspection at any time for satisfaction of the existing essential academic requirements in particular with regard to Laboratory and Faculty members in your college. If the University is not satisfied regarding the essential requirements, the affiliation may be cancelled.

The annexure contained along with this letter may be read as a part of this letter.

**Sd/-  
REGISTRAR**

## ANNEXURE

I) No admission status is granted for the following courses:

S.No	Course	Faculty Shortage				Lab Shortage
		R	A	R.Ph.D	A.Ph.D	Name of the Lab(s)
NIL						

R- Required Faculty,A-Available Faculty,R.Ph.D-Required Ph.D Faculty,A.Ph.D-Available Ph.D Faculty.

II) The following Courses have either zero admissions due to non-grant of affiliation or admitted intake is less than 25% of JNTUH sanctioned intake for the previous three academic years. Hence, '**No Affiliation is Granted**' for these courses for the A.Y.2019-20 as per clause: 3.30 of affiliation regulations 2019-20.

S.No	Name of the Course	Intake
NIL		

**Note:**

1. You are required to pay affiliation and Common service fee dues by 30th May, 2019. Otherwise, your College will not be included in the counselling list to be sent to The Convener Admissions, TSCHE. Please ignore if already paid.

2. Any data discrepancies may be brought to the notice of the University within two days from the date of this letter.

# All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



## APPROVAL PROCESS 2019-20

### Extension of Approval (EoA)

F.No. South-Central/1-4262010262/2019/EoA

Date: 25-Apr-2019

To,

The Principal Secretary  
(Higher Education) Govt. of Telangana,  
D Block, 117 Telangana Secretariat,  
Hyderabad

#### Sub: Extension of Approval for the Academic Year 2019-20

Ref: Application of the Institution for Extension of approval for the Academic Year 2019-20

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2018 notified by the Council vide notification number F.No.AB/AICTE/REG/2018 dated 31/12/2018 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

<b>Permanent Id</b>	1-4904307	<b>Application Id</b>	1-4262010262
<b>Name of the Institute</b>	VARDHAMAN COLLEGE OF ENGINEERING	<b>Name of the Society/Trust</b>	VARDHAMAN COLLEGE OF ENGINEERING
<b>Institute Address</b>	KACHARAM(VILLAGE), SHAMSHABAD(MANDAL), HYDERABAD, R.R.DISTRICT - 501218 ANDHRA PRADESH, HYDERABAD, RANGAREDDI, Telangana, 501218	<b>Society/Trust Address</b>	KACHARAM (VILLAGE), SHAMSHABAD (MANDAL),HYDERABAD,RANGAREDDI,Andhra Pradesh,501218
<b>Institute Type</b>	Unaided - Private	<b>Region</b>	South-Central

<b>Opted for Change from Women to Co-Ed and vice versa</b>	No	<b>Change from Women to Co-Ed and vice versa Approved or Not</b>	NA
<b>Opted for Change of Name</b>	No	<b>Change of Name Approved or Not</b>	NA
<b>Opted for Change of Site/Location</b>	No	<b>Change of Site/Location Approved or Not</b>	NA
<b>Opted for Conversion from Degree to Diploma or vice versa</b>	No	<b>Conversion for Degree to Diploma or vice versa Approved or Not</b>	NA
<b>Opted for Organization Name Change</b>	No	<b>Change of Organization Name Approved or Not</b>	NA
<b>Opted for Merger of Institution</b>	No	<b>Merger of Institution Approved or Not</b>	NA
<b>Opted for Introduction of New Program/Level</b>	No	<b>Introduction of Program/Level Approved or Not</b>	NA

#### To conduct following Courses with the Intake indicated below for the Academic Year 2019-20

Program	Shift	Level	Course	FT/PT+	Affiliating Body (Univ/Body)	Intake Approved for 2019-20	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status
Engineering And Technology	1st	UNDER GRADUATE	Mechanical Engineering	FT	Jawaharlal Nehru Technological University, Hyderabad	120	Yes	NA
Engineering And Technology	1st	UNDER GRADUATE	Electrical And Electronics	FT	Jawaharlal Nehru Technological University,	120	Yes	NA



		TE	Engineering		Hyderabad			
Engineering And Technology	1st	UNDER GRADUA TE	Electronics And Communications Engineering	FT	Jawaharlal Nehru Technological University, Hyderabad	240	Yes	NA
Engineering And Technology	1st	UNDER GRADUA TE	Information Technology	FT	Jawaharlal Nehru Technological University, Hyderabad	120	Yes	NA
Engineering And Technology	1st	UNDER GRADUA TE	Computer Science And Engineering	FT	Jawaharlal Nehru Technological University, Hyderabad	240	Yes	NA
Management	1st	POST GRADUA TE	Masters In Business Administration	FT	Jawaharlal Nehru Technological University, Hyderabad	60	Yes	NA
Engineering And Technology	1st	POST GRADUA TE	Computer Science And Engineering	FT	Jawaharlal Nehru Technological University, Hyderabad	18	Yes	NA
Engineering And Technology	1st	POST GRADUA TE	Power Electronics And Electrical Drives	FT	Jawaharlal Nehru Technological University, Hyderabad	18	Yes	NA
Engineering And Technology	1st	POST GRADUA TE	Digital Electronics And Communication Systems	FT	Jawaharlal Nehru Technological University, Hyderabad	18	Yes	NA
Engineering And Technology	1st	POST GRADUA TE	Engineering Design	FT	Jawaharlal Nehru Technological University, Hyderabad	18	Yes	NA
Engineering And Technology	1st	POST GRADUA TE	Embedded Systems	FT	Jawaharlal Nehru Technological University, Hyderabad	18	Yes	NA
Engineering And Technology	1st	UNDER GRADUA TE	Civil Engineering	FT	Jawaharlal Nehru Technological University, Hyderabad	60	Yes	NA
Engineering And Technology	1st	POST GRADUA TE	Structural Engineering	FT	Jawaharlal Nehru Technological University, Hyderabad	18	Yes	NA

+FT –Full Time,PT-Part Time

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation: - Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

**It is mandatory to comply all the essential requirements as given in APH 2019-20(appendix 6)**

**NOTE: If the State Government / UT / DTE / DME has a reservation policy for admission in Technical Education Institutes and the same is applicable to Private & Self-financing Technical Institutions, then the State Government / UT/ DTE / DME shall ensure that 10 % of Reservation for EWS would be operational from the Academic year 2019-20 without affecting the percentage reservations of SC/ST/OBC/General . However, this would not be applicable in the case of Minority Institutions referred to the clause (1) of Article 30 of Constitution of India.**

**Prof. A.P Mittal**  
Member Secretary, AICTE

Copy to:

1. **The Director Of Technical Education\*\*, Telangana**
2. **The Registrar\*\*,  
Jawaharlal Nehru Technological University, Hyderabad**

3. **The Principal / Director,**  
Vardhaman College Of Engineering  
Kacharam(Village), Shamshabad(Mandal), Hyderabad, R.R.District - 501218 Andhra Pradesh,  
Hyderabad,Rangareddi,  
Telangana,501218
  
4. **The Secretary / Chairman,**  
Vardhaman College Of Engineering  
Kacharam (Village), Shamshabad (Mandal).  
Hyderabad,Rangareddi,  
Andhra Pradesh,501218
  
5. **The Regional Officer,**  
All India Council for Technical Education  
First Floor, old BICARD Building  
Jawaharlal Nehru Technological University  
Masab Tank, Hyderabad-500076
  
6. **Guard File(AICTE)**

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

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\*\* Individual Approval letter copy will not be communicated through Post/Email. However, consolidated list of Approved Institutions(bulk) will be shared through official Email Address to the concerned Authorities mentioned above.



**VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD**  
Autonomous institute affiliated to JNTUH

**NBA Accreditation Scores**

<b>S. No.</b>	<b>Dept</b>	<b>Institution Level Criteria (out of 3)</b>	<b>Department Level Criteria (out of 7)</b>	<b>Overall Criteria (Out of 10)</b>	<b>Marks out of 1000 (Out of 10 Criteria)</b>
1.	CS	3	3	6	740.5
2.	IT	3	3	6	735.5
3.	EC	3	3	6	741.5
4.	EE	3	2	5	692.5
5.	ME	3	1	4	698.5

# NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4<sup>th</sup> Floor, Bhisham Pitamah Marg,  
Pragati Vihar, New Delhi-110 003  
Tel: +91 11 2436 0620-22, 2436 0654 ; Telefax: +91 11 4308 4903  
Website: www.nbaind.org



F. No. 11-131-2010-NBA

Dated: 22-05-2019

To  
The Principal  
Vardhaman College of Engineering,  
Shamshabad Ranga Reddy District- 501218  
Telangana

**Subject: Accreditation status of programmes applied by Vardhaman College of Engineering, Shamshabad Ranga Reddy District- 501218 Telangana.**

Sir/Madam,

This has reference to your application I.D. No. 2869-13/04/2018 seeking accreditation by National Board of Accreditation in Tier-I format to UG Engineering programs offered by Vardhaman College of Engineering, Shamshabad Ranga Reddy District- 501218 Telangana.

2. An Expert Team conducted on-site evaluation of the programs from 14<sup>th</sup>-16<sup>th</sup> December, 2018. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No	Name of the Program (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Computer Science & Engineering	Tier-I January 2016 Document	Accredited	Academic Years 2018-2019 to 2020-2021 i.e. Up to 30-06-2021	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier
2.	Information Technology		Accredited		
3.	Electronics & Communication Engineering		Accredited		
4.	Mechanical Engineering		Accredited		
5.	Electrical & Electronics Engineering		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for 3 years. Vardhaman College of Engineering, Shamshabad Ranga Reddy District- 501218 Telangana should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above to be eligible for consideration by the concerned Committee in NBA for further processing of the accreditation status. This could entail further extension of accreditation or a visit, as deemed appropriate by NBA Committees.

Contd/-

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to Vardhaman College of Engineering, Shamshabad Ranga Reddy District- 501218 Telangana as a whole. As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.


6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. A copy each of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programs are enclosed.

9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,

  
(Dr. Anil Kumar Nassa)  
Member Secretary

Encls: 1. Copy of Report of Chairman of the Visiting Team.  
2. Copy each of Expert Reports of the Visiting Team.

**Copy to:**

1. The Vice Chancellor,  
Jawaharlal Technological University,  
Kukatpally, Hyderabad- 500085 Telangana
2. The Commissioner,  
Directorate of Technical Education  
5<sup>th</sup> and 6<sup>th</sup> Floors, B.R.K.R. Bhavan,  
Tankbund Road, Saifabad, Hyderabad-500063
4. Accreditation File
5. Master Accreditation folder of the State

प्रॉ. एस.सी. शर्मा  
निदेशक  
Prof. S.C. Sharma  
Director



Annexure - IV  
राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद  
विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान  
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL  
An Autonomous Institution of the University Grants Commission

NAAC/DO/LP/A&A-RAF-AU/2019

18<sup>th</sup> February 2019

**The Principal**  
Vardhaman College of Engineering  
Shamshabad,  
Ranga Reddy District,  
**Hyderabad – 501 218**  
Andhra Pradesh

**Sub:** Extension of validity period – Transition Autonomous Colleges

**Dear Sir/Madam,**

Kindly refer to the subject cited above. The NAAC has examined the issue of Transition Autonomous Colleges and resolved to extend the validity of accreditation of your institution. The accreditation of your HEI with **CGPA 3.24** and **Grade 'A'** will be valid upto **31/12/2019**. To enable NAAC for issuing the certificate afresh, the previous accreditation certificate may be returned in original. The HEI will have to submit its Letter of Intent (LoI) for the next cycle six months prior to the completion of its extended validity period.

With regards,

Yours sincerely,

(S. C. Sharma)



**राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद**  
 विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान  
**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**  
 An Autonomous Institution of the University Grants Commission

# *Certificate of Accreditation*

*The Executive Committee of the  
 National Assessment and Accreditation Council  
 on the recommendation of the duly appointed  
 Peer Team is pleased to declare the  
 Vardhaman College of Engineering  
 Shamshabad, Hyderabad, affiliated to Jawaharlal Nehru Technological University,  
 Hyderabad, Telangana as  
 Accredited  
 with CGPA of 3.24 on four point scale  
 at A grade  
 valid up to December 31, 2019*

*Date : December 04, 2018*



*S. C. Suman*  
 Director



**राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद**  
 विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान  
**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL**  
*An Autonomous Institution of the University Grants Commission*

## Quality Profile

**Name of the Institution** : Vardhaman College of Engineering  
**Place** : Shamshabad, Hyderabad, Telangana

Criteria	Weightage ( $W_i$ )	Criterion-wise Weighted Grade Point (Cr WGP <sub>i</sub> )	Criterion-wise Grade Point Averages (Cr WGP <sub>i</sub> / $W_i$ )
I. Curricular Aspects	100	320	3.20
II. Teaching-Learning and Evaluation	350	1150	3.29
III. Research, Consultancy and Extension	150	460	3.07
IV. Infrastructure and Learning Resources	100	400	4.00
V. Student Support and Progression	100	300	3.00
VI. Governance, Leadership & Management	100	310	3.10
VII. Innovations and Best Practices	100	300	3.00
<b>Total</b>	$\sum_{i=1}^7 W_i = 1000$	$\sum_{i=1}^7 (Cr WGP_i) = 3240$	

$$\text{Institutional CGPA} = \frac{\sum_{i=1}^7 (Cr WGP_i)}{\sum_{i=1}^7 W_i} = \frac{3240}{1000} = \boxed{3.24}$$

Grade = A

Descriptor = VERY GOOD

Date : December 04, 2018



*S. C. Sharma*  
Director

- An institutional CGPA on four point scale in the range of 3.01 - 4.00 denotes A grade (Very Good), 2.01 - 3.00 denotes B grade (Good), 1.51 - 2.00 denotes C grade (Satisfactory)
- Scores rounded off to the nearest integer





Government of India  
Ministry of Human Resource Development



*Certificate*

**NATIONAL INSTITUTIONAL RANKING FRAMEWORK**



**Vardhaman College of Engineering, Rangareddy**

**Ranked 152 in Engineering Category**

*K. Suresh*

CHAIRMAN, NBA

*Shankar*

MEMBER SECRETARY, NBA





All India Council for Technical Education



Confederation of Indian Industry

# AICTE – CII Survey of Industry Linked Technical Institutes 2018



S. No.	Name of Institute	Score Band	Rating
704	UNIVERSITY INSTITUTE OF ENGINEERING (UIE), GHARUAN	> 30	Platinum
705	UNIVERSITY INSTITUTE OF ENGINEERING AND TECHNOLOGY	Between 11 and 29	Gold
706	UNIVERSITY INSTITUTE OF SCIENCE AND TECHNOLOGY	Below 10	Silver
707	UNIVERSITY POLYTECHNIC, BIT, MESRA	Below 10	Silver
708	UTTAM INSTITUTE OF MANAGEMENT STUDIES	Below 10	Silver
709	UTTAR PRADESH TEXTILE TECHNOLOGY INSTITUTE KANPUR	Below 10	Silver
710	V V COLLEGE OF ENGINEERING	Between 11 and 29	Gold
711	V.E.T.B.V.L. POLYTECHNIC	Below 10	Silver
712	V.R.S. COLLEGE OF ENGINEERING AND TECHNOLOGY	Between 11 and 29	Gold
713	VAIKUNTH MEHTA NATIONAL INSTITUTE OF COOPERATIVE MANAGEMENT	> 30	Platinum
714	VAISHALI INSTITUTE OF BUSINESS & RURAL MANAGEMENT	Below 10	Silver
715	VAISHNO COLLEGE OF ENGINEERING	Between 11 and 29	Gold
716	VALIA POLYTECHNIC COLLEGE	Below 10	Silver
717	VALLIAMMAI ENGINEERING COLLEGE	Between 11 and 29	Gold
718	VARDHAMAN COLLEGE OF ENGINEERING	> 30	Platinum
719	VASAVI COLLEGE OF ENGINEERING	Between 11 and 29	Gold
720	VASIREDDY VENKATADRI INSTITUTE OF TECHNOLOGY	Below 10	Silver
721	VEDAVYASA INSTITUTE OF TECHNOLOGY	Below 10	Silver
722	VEL TECH	> 30	Platinum
723	VEL TECH HIGH TECH DR. RANGARAJAN DR. SAKUNTHALA ENGINEERING COLLEGE	> 30	Platinum
724	VEL TECH MULTI TECH DR. RANGARAJAN DR. SAKUNTHALA ENGINEERING COLLEGE	> 30	Platinum
725	VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE	> 30	Platinum
726	VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY	Below 10	Silver
727	VELAMMAL COLLEGE OF ENGINEERING & TECHNOLOGY	Between 11 and 29	Gold
728	VENNELA INSTITUTE OF BUSINESS ADMINISTRATION	Below 10	Silver
729	VIDYA BHARATI MAHAVIDYALAYA, DEPARTMENT OF RESEARCH & PG STUDIES AND MANAGEMENT	Below 10	Silver
730	VIDYA JYOTHI INSTITUTE OF TECHNOLOGY	Below 10	Silver
731	VIDYA PRASARAK MANDAL'S POLYTECHNIC, THANE	Below 10	Silver
732	VIDYA PRATISHTHAN'S KAMALNAYAN BAJAJ INSTITUTE OF ENGINEERING & TECHNOLOGY, BARAMATI	Below 10	Silver



# TIMES ENGINEERING INSTITUTE RANKING SURVEY 2019

The objective of this research is to arrive at a list of top engineering colleges offering full time courses - including four-year courses in Telangana and Andhra Pradesh

## TOP 25 PRIVATE ENGINEERING INSTITUTES RANKINGS 2019 - TELANGANA

- 1 Chaitanya Bharathi Institute of Technology, Hyderabad
- 2 Vignans College of Engineering, Hyderabad
- 3 Gokulraj Bangarala Institute of Engineering & Technology, Hyderabad
- 4 Vennaravaram College of Engineering, Hyderabad
- 5 Murthybhau Jai. College of Engineering and Technology, Hyderabad
- 6 Malla Reddy College of Engineering and Technology, Hyderabad
- 7 Anand Group of Institutions, Hyderabad
- 8 Sri Venkateswara Institute of Science & Technology, Hyderabad
- 9 Institute of Aeronautical Engineering & Technology, Hyderabad
- 10 Vignya Jyothi Institute of Technology, Hyderabad
- 11 Malla Reddy Engineering College For Women, Hyderabad
- 12 Geethanjali College of Engineering And Technology, Hyderabad
- 13 MBI Institute of Technology, Hyderabad
- 14 Vignans Institute of Technology And Science, Hyderabad
- 15 Kalyani Institute of Technology & Science, Warangal
- 16 Vignans Bharathi Institute of Technology, Hyderabad
- 17 Sri Indu College of Engineering & Technology, Hyderabad
- 18 Sri. Peter's Engineering College, Hyderabad
- 19 Sphoorty Engineering College, Hyderabad
- 20 Rankley Group of Engineering & Technology For Women, Telangana
- 21 Karmaveer Prasad Reddy Institute of Technology, Hyderabad
- 22 St Mary's Engineering College, Hyderabad
- 23 Aditya Institute of Engineering and Technology, Hyderabad
- 24 Ram Lakshmi Reddy Institute of Technology and Management, Hyderabad
- 25 Ananta Institute of Engineering and Technology, Hyderabad
- 26 Ananta Institute of Engineering and Technology, Hyderabad
- 27 Raji Mary Institute of Technology and Science, Hyderabad
- 28 Sri Venkateswara Institute of Engineering and Science, Hyderabad
- 29 Luvsh Institute of Engineering and Technology, Hyderabad
- 30 Narasimha Reddy Engineering College, Hyderabad

## TOP PRIVATE INSTITUTES - SOUTH

- 1 SBM Institute of Science And Tech., Chennai
- 2 Vel Tech Rangarajan Dr. Sagayam RAO Institute of Science and Technology, Chennai

## TOP TELANGANA PRIVATE INSTITUTES - PLACEMENT

- 1 Chaitanya Bharathi Institute of Technology, Hyderabad
- 2 Vignans College of Engineering & Technology, Hyderabad
- 3 Sri Venkateswara Institute of Engineering & Technology, Hyderabad
- 4 Vennaravaram College of Engineering, Hyderabad
- 5 Malla Reddy College of Engineering and Technology, Hyderabad
- 6 Vignans Institute of Technology and Science, Hyderabad
- 7 Anand Group of Institutions, Hyderabad
- 8 Sri Venkateswara Institute of Science & Technology, Hyderabad
- 9 Vignya Jyothi Institute of Technology, Hyderabad
- 10 Sri Indu College of Engineering & Technology, Hyderabad

## TOP TELANGANA PRIVATE INSTITUTES - RESEARCH

- 1 Vennaravaram College of Engineering, Hyderabad
- 2 Vignans College of Engineering, Hyderabad
- 3 Anand Group of Institutions, Hyderabad
- 4 Chaitanya Bharathi Institute of Technology, Hyderabad
- 5 Gokulraj Bangarala Institute of Engineering & Technology, Hyderabad
- 6 Malla Reddy College of Engineering and Technology, Hyderabad
- 7 Vignans Bharathi Institute of Engineering & Technology, Hyderabad
- 8 Sri Venkateswara Institute of Science & Technology, Hyderabad
- 9 Vignya Jyothi Institute of Technology, Hyderabad
- 10 Sphoorty Engineering College, Hyderabad

## TOP TELANGANA PRIVATE INSTITUTES - INFRASTRUCTURE

- 1 Vennaravaram College of Engineering, Hyderabad
- 2 Gokulraj Bangarala Institute of Engineering & Technology, Hyderabad
- 3 Anand Group of Institutions, Hyderabad
- 4 Chaitanya Bharathi Institute of Technology, Hyderabad
- 5 Vignans College of Engineering, Hyderabad
- 6 Malla Reddy College of Engineering and Technology, Hyderabad
- 7 Institute of Aeronautical Engineering, Hyderabad
- 8 Geethanjali College of Engineering and Technology, Hyderabad
- 9 Sri Indu College of Engineering & Technology, Hyderabad
- 10 Sri Indu College of Engineering & Technology, Hyderabad

## TOP 15 PRIVATE ENGINEERING INSTITUTES RANKINGS 2019 - ANDHRA PRADESH

- 1 Konara Lakshminath Education Foundation, Guntur
- 2 Vignans Vennaravaram Institute of Technology, Guntur
- 3 JNTU and JAC College of Engineering, Guntur
- 4 Maharaaj Vilayathu Gajipathi Raj College of Engineering, Vijayanagara
- 5 President Pettila Sathishrao Institute of Technology (PVPIT), Vijayanagara
- 6 Aditya Institute of Technology And Management, Injalakota
- 7 Maharaaj Pettila Sathishrao Institute of Technology & Science, Chittoor
- 8 Raja Institute of Technology And Sciences, Vijayanagara
- 9 St. Mary's Group of Institutions, Guntur
- 10 Sathyanarayana College of Engineering and Technology, Narsapur
- 11 Chaitanya Bharathi Institute of Engineering And Technology, Guntur
- 12 S. P. B. Reddy Engineering College (A), Tenali, Nellore
- 13 Bharathi Institute of Engineering And Technology, Vijayanagara
- 14 Aditya Engineering College (A), Srisampalem
- 15 Aditya College of Engineering & Technology, Srisampalem

## TOP AP PRIVATE INSTITUTES - PLACEMENT

- 1 Konara Lakshminath Education Foundation, Guntur
- 2 Vignans Vennaravaram Institute of Technology, Guntur
- 3 JNTU and JAC College of Engineering, Guntur
- 4 Maharaaj Vilayathu Gajipathi Raj College of Engineering, Vijayanagara
- 5 Aditya Institute of Technology And Management, Injalakota

## TOP AP PRIVATE INSTITUTES - INFRASTRUCTURE

- 1 Konara Lakshminath Education Foundation, Guntur
- 2 Maharaaj Vilayathu Gajipathi Raj College of Engineering, Vijayanagara
- 3 JNTU and JAC College of Engineering, Guntur
- 4 Vignans Vennaravaram Institute of Technology, Guntur
- 5 Maharaaj Pettila Sathishrao Institute of Technology & Science, Chittoor

## TOP AP PRIVATE INSTITUTES - RESEARCH

- 1 Konara Lakshminath Education Foundation, Guntur
- 2 JNTU and JAC College of Engineering, Guntur
- 3 Vignans Vennaravaram Institute of Technology, Guntur
- 4 Maharaaj Vilayathu Gajipathi Raj College of Engineering, Vijayanagara
- 5 Maharaaj Pettila Sathishrao Institute of Technology & Science, Chittoor

- 7 Hindustan Institute of Technology & Science (Deemed to Be University), Chennai
- 8 Vign Institute of Science, Technology & Advanced Studies, Chennai
- 9 Chaitanya Bharathi Institute of Technology, Hyderabad
- 10 Sri Saijaya Engineering College, Bangalore

Rankings are purely arrived based on the criteria as stipulated in the survey.

FOR JEE/NEET 2019 PREPARATION PACKAGE CALL 011-40 360 360

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April 2019 ₹ 60

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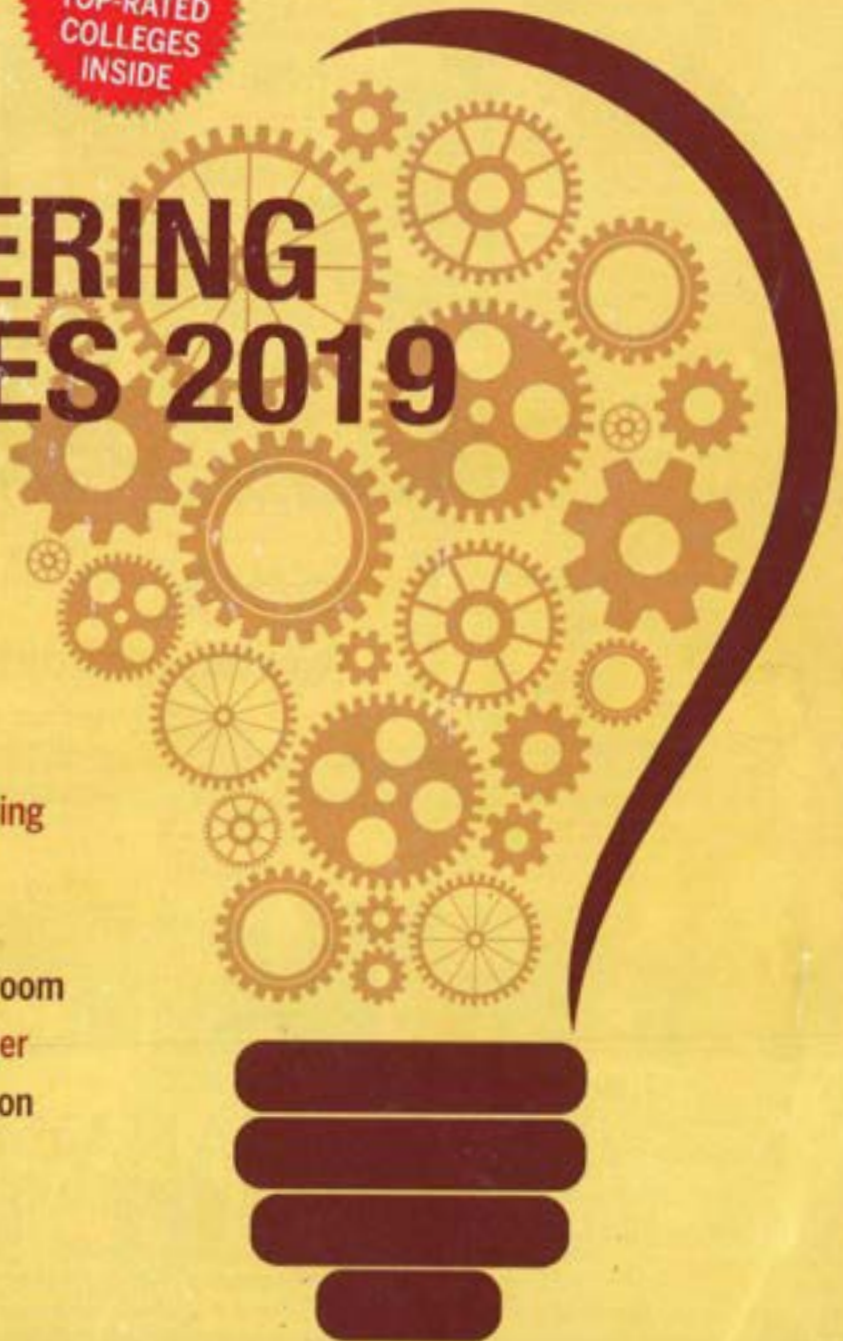
## INDIA'S BEST ENGINEERING COLLEGES 2019

600+ TOP-RATED COLLEGES INSIDE

TOP 100 IN RESEARCH



- Exams Beyond JEE
- Clear All Your Doubts On Engineering
- Get The Best Scholarships
- Campus Life @ IIT Kharagpur
- IIT Bombay: Action Outside Classroom
- World's Youngest IBM Watson Coder
- Data Speak - NIRF Rank Comparison
- Director Speak and More...



INTERVIEW Prof. Anil D. Sahasrabudhe, Chairman, AICTE

STATE UNIVERSITIES/ UNIVERSITY DEPARTMENTS/  
AFFILIATED COLLEGES

Institute	Rating
University College of Technology, Osmania University, Hyderabad	AAAA
Vasavi College of Engineering, Hyderabad	AAAA
Anurag Group of Institutions, Ghatkesar	AAA+
BV Raju Institute of Technology, Narsapur	AAA+
BVRIT Hyderabad	AAA+
CMR College of Engineering and Technology, Hyderabad	AAA+
G Narayanamma Institute of Technology and Science For Women, Hyderabad	AAA+
Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad	AAA+
Guru Nanak Institutions Technical Campus, Ibrahimpatnam	AAA+
Institute of Aeronautical Engineering, Dundigal	AAA+
Kakatiya Institute of Technology and Science, Warangal	AAA+
Mahatma Gandhi Institute of Technology, Hyderabad	AAA+
Malla Reddy College of Engineering and Technology, Hyderabad	AAA+
MLR Institute of Technology, Dundigal	AAA+

STATE UNIVERSITIES/ UNIVERSITY DEPARTMENTS/  
AFFILIATED COLLEGES

Institute	Rating
Sreenidhi Institute of Science and Technology, Ghatkesar	AAA+
Vardhaman College of Engineering, Hyderabad	AAA+
Vidya Jyothi Institute of Technology, Hyderabad	AAA+
ACE Engineering College, Ghatkesar	AAA
Anurag College of Engineering, Ghatkesar	AAA
CMR Institute of Technology, Hyderabad	AAA
Geethanjali College of Engineering and Technology, Keesara	AAA
Keshav Memorial Institute of Technology, Hyderabad	AAA
Malla Reddy Engineering College for Women, Secunderabad	AAA
Malla Reddy Engineering College, Secunderabad	AAA
Marri Laxman Reddy Institute of Technology and Management, Hyderabad	AAA
Matrusri Engineering College, Hyderabad	AAA
Maturi Venkata Subba Rao Engineering College, Hyderabad	AAA
Nalla Malla Reddy Engineering College, Ghatkesar	AAA



VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD  
Autonomous institute affiliated to JNTUH

**Academic Performance of 2019 Passed-out Batch B. Tech. Students**

<b>SNo.</b>	<b>Dept</b>	<b>Appeared</b>	<b>Passed</b>	<b>Pass %</b>
1.	CS	236	185	<b>78.39%</b>
2.	IT	105	85	<b>80.95%</b>
3.	EC	265	180	<b>67.92%</b>
4.	EE	135	92	<b>68.15%</b>
5.	ME	136	102	<b>75.00%</b>
6.	CV	61	52	<b>85.25%</b>
<b>Total:</b>		<b>938</b>	<b>696</b>	<b>74.20%</b>



VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD  
Autonomous institute affiliated to JNTUH

**SUMMARY OF STUDENT PLACEMENTS FOR THE AY 2018-2019**

	CS	IT	EC	EE	ME	CE	MBA
<b>Registered</b>	194	79	203	76	53	16	45
<b>No. of Student Placed</b>	143	54	134	34	15	2	14
<b>Total No. of Offers</b>	<b>215</b>	<b>78</b>	<b>199</b>	<b>38</b>	<b>17</b>	<b>2</b>	<b>15</b>
<b>Total Students Placed</b>	<b>396</b>						
<b>Total No. of Offers</b>	<b>564</b>						
<b>Highest Salary PA</b>	<b>Rs. 14,00,000/-</b>						
<b>Average Salary PA</b>	<b>Rs. 3,51,176/-</b>						





**VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD**  
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**DETAILS OF STUDENT PLACEMENTS FOR THE AY 2018-2019**

S No.	Name of the Company	CS	IT	EC	EE	ME	CV	MBA	TOT	DATE	SALARY PA in Lakhs
1	Infosys Technologies Limited	4	0	1	0	--	--	--	5	09-07-18	5
2	Amazon.in	6	2	--	--	--	--	--	8	11-07-18	14
3	Open Text Technologies India Pvt Ltd	2	1	0	--	--	--	--	3	12-07-18	1.8
4	BYJU's - The Learning APP	1	1	2	0	0	0	--	4	28-07-18	6
5	Great Software Laboratory	4	2	--	--	--	--	--	6	3-08-18	1.8
6	Sosio Technologies Pvt Ltd.	1	3	0	0	--	--	--	4	16-08-18	1.8
7	EPAM Systems, Inc.	2	0	0	--	--	--	--	2	17-08-18	6
8	TCScodevita	8	0	3	0	0	0	--	11	20-08-18	3.5
9	TCS Ninja	30	11	28	3	1	--	--	73	03-09-18	3.5
10	IBS Software Services	1	0	2	--	0	--	--	3	03-09-18	3.36
11	ValueLabs Solutions PVT.	2	0	0	0	--	--	--	2	06-09-18	4
12	Host Analytics Inc	1	0	--	--	--	--	--	1	08-09-18	1.8
13	Hansa Solutions Pvt. Ltd	5	2	--	--	--	--	--	7	14-09-18	3.15
14	salesforce.com	11	3	--	--	--	--	--	14	18-09-18	5
15	Mindtree Limited	4	0	5	1	--	--	--	10	19-09-18	3.5
16	LiquidHub India Pvt. Ltd.	3	0	3	--	--	--	--	6	26-09-18	1.8
17	Berkadia Services India PVT.	5	2	2	--	--	--	--	9	27-09-18	1.8
18	Capgemini india Pvt Ltd.	55	15	82	24	--	--	--	176	01-10-18	3.5
19	Modak Analytics Software PVT.	3	1	8	--	--	--	--	12	03-10-18	1.8
20	ValueLabs Solutions PVT.	--	--	--	--	--	--	9	9	24-10-18	1.44
21	GGK Technologies Pvt. Ltd.	0	1	0	1	2	0	--	4	29-10-18	3
22	Elevation	--	--	--	--	4	0	--	4	31-10-18	2.4
23	ADP, LLC	5	0	--	--	--	--	--	5	06-11-18	4
24	ENH iSecure Pvt Limited	2	0	--	--	--	--	--	2	16-11-18	2.71
25	Tvarana Software Solutions	1	1	0	1	--	--	--	3	29-11-18	4
26	C3i Solutions	0	0	1	--	--	--	--	1	03-12-18	3.5

S No.	Name of the Company	CS	IT	EC	EE	ME	CV	MBA	TOT	DATE	SALARY PA in Lakhs
27	Just dial	0	0	3	0	1	0	3	7	04-12-18	2.59
28	Extramarks Education India Pvt Ltd	7	5	15	3	4	0	2	36	05-12-18	8
29	Jaro Education	0	1	1	0	1	0	0	3	09-12-18	7.5
30	CtrlS	1	0	0	--	--	--	--	1	10-12-18	1.8
31	Prolifics, Inc.	5	0	1	0	0	0	0	6	12-12-18	2.4
32	NTT data	4	2	5	--	--	--	--	11	14-12-18	3
33	Wipro Limited	6	3	14	1	1	--	--	25	18-12-18	4
34	MountBlue Technologies Private Limited	1	0	--	--	--	--	--	1	18-12-18	3.5
35	IBM India Private Limited	2	1	--	--	--	--	--	3	19-12-18	3.6
36	Raam group	0	0	1	0	0	0	0	1	28-12-18	2.4
37	Alliance	1	0	0	--	--	--	--	1	09-01-19	2.4
38	Aptroid consulting(india) PVT.LTD.	1	0	0	--	--	--	--	1	12-01-19	3
39	Asahi India Glass Ltd	--	--	0	0	1	0	0	1	22-01-19	4
40	ProcessMAP India Pvt Ltd	2	0	--	0	--	--	--	2	01-02-19	3.5
41	Soft Suave Technologies	0	0	1	0	0	0	--	1	02-02-19	3
42	Cognizant Technology Solutions	8	5	12	0	0	0	0	25	09-02-19	3.38
43	KTree Computer Solutions India (P) Ltd.	1	1	1	--	--	--	--	3	12-02-19	3
44	HCL Technologies	0	0	2	1	--	--	--	3	10-01-19	3.5
45	CGI Group	0	1	2	--	--	--	--	3	20-12-18	3.4
46	Genpact India Pvt Ltd	4	5	1	1	0	0	0	11	16-02-19	2.29
47	Dunzo 24x7 delivery app for everything	3	1	0	1	0	0	--	5	02-03-19	2.62
48	Atos-Syntel pvt ltd	6	1	--	--	--	--	--	7	09-03-19	3.1
49	Aliens Group	1	2	0	1	0	0	0	4	26-02-19	3
50	Optum UHG	0	1	--	--	--	--	--	1	25-02-19	6.5
51	POLE TO WIN	0	1	--	--	--	--	--	1	22-12-18	1.8
52	NIIT LTD	1	0	--	--	--	--	--	1	04-01-19	1.8
53	LG Soft India Private Limited	2	0	0	0	--	--	--	2	04-04-19	4.3
54	IndiaMART InterMESH Ltd.	--	--	0	0	2	0	0	2	10-04-19	3
55	Mouri Tech Global Enterprise Solutions (P) Ltd	0	2	2	--	--	--	1	5	27-04-19	2.2

S No.	Name of the Company	CS	IT	EC	EE	ME	CV	MBA	TOT	DATE	SALARY PA in Lakhs
56	DST IT Services	1	1	--	--	--	--	--	2	14-05-19	4.26
57	Iconma	1	0	--	--	--	--	--	1	24-05-19	3
58	Hyundai Motor India Engineering Centre	--	--	1	0	--	--	--	1	28-05-19	3.6
59	WinWire Technologies India Pvt. Ltd	1	0	0	0	--	--	--	1	25-05-19	3.6



**VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD**  
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**Panel of Companies for Campus Drives 2020 at VCE**

S No	Name of the Company
1	ADP
2	Amaraja Group
3	Amazon
4	ASI Glass
5	Berkadia
6	Byju's
7	C3i
8	Capegemini
9	CGI
10	Cognizant
11	Eleation
12	ENHiSecure
13	EPAM
14	Genpact
15	GGK Tech
16	Hansa Solutions
17	HCL
18	HDFC Bank
19	Hexaware
20	Hind Rectifiers
21	Host Analytics
22	HP
23	IBM
24	ICICI Bank
25	Ikea
26	Info rmat ica
27	Infosys
28	Intel
29	Jara Education

S No	Name of the Company
30	Linkedin
31	LiquidHub
32	Lowe's
33	L&T Infot ech (LTI)
34	Microsoft
35	Modak Analytics
36	M ourit ech
37	MuSigma
38	M phasis
39	Nalsoft
40	Napier Healt h Care
41	NTT Data
42	PopcornApps
43	Prolifics
44	Rane Engine & Valves Ltd
45	Salesforce
46	Samsung R&D
47	Satyam Ventures
48	StateStreet
49	Synopses
50	TCS Ninja
51	TechM ahindra
52	TekSystems
53	Teralogic
54	Unisys
55	Valuelabs
56	Visitex
57	West Agile Labs
58	Wipro Technologies



**VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD**  
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**Details of MOUs Signed**

S. No	Name of the industry	Date	Expected Outcome
1.	Machine Intelligence Research Labs	22-05-2019	To organize the following two international events during 13 <sup>th</sup> to 15 <sup>th</sup> December 2019. a) 11 <sup>th</sup> International Conference on Soft Computing and Pattern recognition (SoCPaR 2019) b) 9 <sup>th</sup> World Congress on Nature and Biologically Inspired Computing (NaBIC 2019)
2.	Risesharp	16-01-2019	Improve Student Outcomes, Job Search, Attract Employers
3.	Idealabs	03-10-2018	Mentor Connect, Boot Camps, Hackathons, Corporate Challenges, International contests, and etc related to Entrepreneurship Development and Promotion
4.	Berkadia Services India Private Limited	23-08-2018	Develop the JCP Curriculum Student Training Conduct for Guest Lectures Student Recruitment
5.	Eleven01	25-07-2018	Mentor Connect, Boot Camps, Hackathons, Corporate Challenges, International contests, and etc related to Entrepreneurship Development and Promotion
6.	BYJU'S	18-07-2018	Teaching Material including video material Membean Software Diagnostic Tool Kit
7.	Genesis Bio Solutions	15-06-2018	Collaborative Research and Consultancy
8.	ELSEVIER B.V. (Elsevier)	13-06-2018	Access to Subscribed Products
9.	The Institution of Engineering and Technology	25-05-2018	Academic Affiliate IET Accreditation
10.	IEEE EPICS	06-04-2018	Encourage students to gain a deeper understanding and appreciation of meaningful technology solutions that will improve their local communities. provide expert guidance that will help India enrich their curriculum and advance the way that India teaches its undergraduate engineering students.

S. No	Name of the industry	Date	Expected Outcome
11.	Wadhvani Foundation New Entrepreneurship Network	26-04-2018	Entrepreneurship Curriculum Development E-Cell Activities Incubation
12.	NucleusTech	25-04-2018	To organize e-Summit (Panel Discussions, Talks, Hackathons, Product Pitching, Startup Expo, Mentoring) Getting collaborations from various reputed organizations. Invitation of guests and following up with them. Branding and marketing about the event throughout the country. Website banners and other tech works will be handled by our team. Designing the agenda and the program structure. Approaching sponsors on behalf of the event.
13.	The Indus Entrepreneurs (TiE) – Hyderabad	01-04-2018	Institutional Charter Membership Student Memberships Mentor support Speaker / Workshops / Seminar support Networking with top Entrepreneurs
14.	Aspiring Minds Assessment Pvt Ltd (AMCAT)	20-02-2018	Three Cycle Assessment of IV Year (2019 Passing Out) Batch
15.	Red hat India Private Limited	05-01-2018	Red Hat Academy Program Faculty and Student Training
16.	BERKADIA	15-06-2017	Joint Training Program (JTP) to selected students from B.Tech stream
17.	Cisco Networking Academy	11-01-2017	Faculty and Student Training
18.	Entrepreneurship Development Institute of India	19-11-2016	Establishment of Project Guidance Center for Diploma in Entrepreneurship & Business Management (DEBM) to promote course, register learners, provide counseling, organize contact sessions and provide other support as required by the learners
19.	National Instruments	22-08-2016	NI LabVIEW Academy Students/Faculty Training on NI Tools Placements
20.	IBM India Pvt. Ltd	16-08-2016	Collaborate through IBM Career Education Program for Student and Staff Training
21.	EDCIL (INDIA) Limited	20-06-2016	Empanelment of Institute to Provide Foreign National Students
22.	Wadhvani Foundation New Entrepreneurship Network	01-04-2016	Entrepreneurship Development

S. No	Name of the industry	Date	Expected Outcome
23.	International Technological University	01-04-2016	For cooperation in the Fields of Student, Faculty, and Staff Scholarship Exchange
24.	DevmenIT HPSU Academic Agreement	03-03-2016	Establishment of HPSC and Student and Staff Training
25.	RightLink Technologies Pvt. Ltd.	05-01-2016	Improving Alumni Base
26.	IBM India Pvt. Ltd	16-12-2015	Student Training
27.	TATA Consultancy Services Limited	10-08-2015	Online Examinations for a period of 3 years
28.	Udvavisk	04-08-2015	Student Training
29.	Devmen IT	04-07-2015	Provide a strong platform in research & development for students.
			Training students for future ready technologies and providing associated certifications especially from the Microsoft.
30.	L S DAWAR & CO	22-07-2015	Orientation on Patents and intellectual Property Rights
31.	National Small Industries Corporation	29-04-2015	To be most trusted partner in the area of knowledge enrichment for mutual benefit.
			To conceptualize research projects to be executed in collaboration on need basis.
			To collaborate share information and technology to develop the required skills.
32.	Tech Mahindra	15-04-2015	Capability Development, Workshops, Conclave, Seminars.
			Creating, developing the necessary laboratories.
			ELITE Program.
33.	Master Education (ARK solutions)	26-03-2015	Skill development courses.
			Focused on the CAD / CAM / Animation / Gaming / Robotics.
34.	CoCubes.com	06-02-2014	Online career development and training services.
			Provides guidance to the students in preparing them for the corporate for better career prospects.
35.	SAP	01-01-2014	Generic understanding of SAP software products and Implementation of SAP software.
36.	Devmen IT	03-10-2014	Provide a strong platform in research & development for students.
			Training students for future ready technologies and providing associated certifications especially from the Microsoft.

S. No	Name of the industry	Date	Expected Outcome
37.	IBM (Academic Initiative)	01-01-2012	Training sessions for RAD,DB2,TDS,Lotus,WID.
			To achieve 200 student certifications
			Faculty certification program.
38.	IUCEE	27-03-2012	Access to special programs such as Global Webinars, Global Student Programs and International Conferences.
			Contacts with over 200 US Expert and their Institutions.
			Invitations to participate in joint proposals with US institutions.
39.	IBM (Rational Software)	18-07-2012	4 days training on essentials of Software Testing and Quality Assurance
40.	Infosys (Campus Connect)	15-04-2011	Increases employability by providing technical and soft skills training.
			Faculty Enablement Program.
41.	TATA Consultancy Services Limited	01-10-2010	Tata Consultancy services with day1 campus Interview.
			Conducts Skill development Programmes with TCS HR'S.
			Soft Skills, Technical Skills programme exclusively for TCS placements
42.	IBM(Academic Initiative)	27-12-2010	Training Activities and provide software.
			Training and proctorship in RAD/DB2/TDS/RFT with certification.
43.	Shub Soft Solutions	20-12-2008	Student education enhancement programme.
			Faculty sabbatical.
44.	CA Academic(Initiative Program)	15-10-2008	CA Academic initiative is to make available certain products.
			CA encourages certification opportunities to the student of VCE.
			CA Academic initiative helps in using courses in the curriculum of the programs.
45.	Sun Micro Systems	13-10-2008	Getting started with sun Academic Initiative(SAI).
			Free access to Instructor Led Training.
			Free Web-based ePractice certification Exam
46.	IBM(Rational Software)	27-06-2008	Instructor Led Training.
			Training and skills development in latest technology and software.



S. No	Name of the industry	Date	Expected Outcome
			Opportunity for students to avail IBM Certification, which is valid across the globe through the Sylvan Prometric Testing Centre.
47.	UTS	28-04-2008	<p>To Exchange of view on Engineering and Technical skills.</p> <p>Supports in plant training, industrial visit and project consultancy.</p> <p>Helps in co-ordinating with eminent personalities from industry for project discussions</p>



# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Affiliated to JNTUH, Approved by AICTE,

Accredited by NAAC with 'A' Grade and ISO 9001:2008 Certified

Annexure - VIII

THIS MEMORANDUM OF UNDERSTANDING (hereinafter referred to as "this MoU") is made on the 22<sup>nd</sup> day of May 2019.

## BETWEEN

Vardhaman College of Engineering, (hereinafter referred to as "VCE"), having its address Shamshabad, Hyderabad, Telangana 501218 of one part;

## AND

MACHINE INTELLIGENCE RESEARCH LABS, having its address P.O. Box 2259, Auburn, Washington 98071-2259 USA (hereinafter referred to as "MIR Labs") of the other part.

VCE and MIR Labs shall be collectively referred to as "the Parties" and individually as "the Party".

NOW THEREFORE, the Parties hereby agree on the terms of understanding as follows:

## PART 1

### OBJECTIVES

The principal objective of this MoU is to organize the following two International events at VCE, Hyderabad.

1. 11<sup>th</sup> International Conference on Soft Computing and Pattern Recognition (SoCPaR 2019).
2. 9<sup>th</sup> World Congress on Nature and Biologically Inspired Computing (NaBIC 2019)

### 3. Event dates:

Sno	Event name	dates
1	11 <sup>th</sup> International Conference on Soft Computing and Pattern Recognition (SoCPaR 2019).	13 <sup>th</sup> to 15 <sup>th</sup>
2	9 <sup>th</sup> World Congress on Nature and Biologically Inspired Computing (NaBIC 2019)	December 2019

Number of participants is limited to 150, for both the events.

Shamshabad - 501 218, Hyderabad, Telangana, India.

Ph : 08413-253335, 253201, Fax : 08413-253482.

City Office : # 403, Zee Plaza, 3-6-524, Opp. Minerva Coffee Shop,

Himayathnagar, Hyderabad - 500 029, Telangana, India. Ph : 040-64582470

[www.vardhaman.org](http://www.vardhaman.org)

[info@vardhaman.org](mailto:info@vardhaman.org)

**PART -2**  
**RESPONSIBILITIES OF BOTH THE PARTIES**

VCE agrees to the following:

1. To manage local organization of the two events. The detailed list of items with estimated cost is enclosed at annexure-1
2. Staff will act as Organizing /Technical program chairs at the required capacity.
3. Make local publicity of the two events
4. Provide the required infrastructural services for both the events.
5. Staff and students will be provided for Volunteering services for the two events.
6. To raise any local sponsorship from external agencies to be used for the expenses detailed in annexure-1

MIR Labs, agrees to the following:

1. To manage the air fare expenses for 2-3 plenary speakers and attending conference chairs from outside India.
2. To manage all publication related costs for the conference proceedings. This includes, managing the submission system, reviews, notification and camera ready production and coordinating with all authors.
3. To manage the website for both events
4. To manage the publicity team for both events and work closely with the local organizers.
5. Registration income will be used to manage above items 1, 2 and 3.

**PART 3**  
**CONFIDENTIALITY**

The Parties undertake to observe confidentiality towards other parties not concerned or connected with this MoU. Any Confidential Information disclosed to either Party pursuant to this MoU shall not without prior written consent of the other Party be disclosed to a third party or be used for any purpose not expressly permitted in writing by the other Party.

MoU Between VCE & MIR labs, May 2019

The confidentiality provisions apply to all Confidential Information exchanged between each Party including any Confidential Information exchanged in preliminary discussion and during negotiations relating to matters within the scope of this MoU. Both Parties agree to adopt the industry's highest standards regarding the disclosure and protection of their Confidential Information.

Each Party agrees and undertakes that it shall ensure that all the employees, agents and sub-contractors to whom Confidential Information is divulged are made aware of and comply with the obligations as to the confidentiality herein contained.

The confidentiality obligation as set out in this MoU shall continue to remain in force for a period of three (3) years as from the date of expiry or termination hereof.

#### **PART 4 DURATION**

This MoU shall commence on the date of its execution by the Parties and shall remain in force in accordance with Part 4 herein, or on December 20, 2019, whichever is earlier.

#### **PART 5 TERMINATION OF MoU**

Either Party may end this MoU by giving at least one hundred and Eighty (180) days notice in writing to the other Party. This MoU may be amended, varied or supplemented in writing subject to mutual consent of the Parties.

Any difference or disputes between the Parties concerning the interpretation or implementation or application of any of the provisions of this MoU shall be settled amicably through mutual consultation or negotiations and upon the failure of the same; each party is at liberty to refer the said matter for legal redress without reference to any third party or international tribunal.

MoU Between VCE & MIR labs, May 2019

The Parties have caused this MoU to be signed in their respective names as of the day and year first above written.

**MACHINE INTELLIGENCE RESEARCH  
LABS**

Signed by:



-----  
**PROF DR. AJITH ABRAHAM**  
Director (MIR Labs)

**Vardhaman College of Engineering**

Signed by:



-----  
**PROF DR. SAI SATYANARAYANA REDDY**  
Principal (Vardhaman College of Engineering)

**PRINCIPAL  
VARDHAMAN COLLEGE OF ENGINEERING  
Shamshabad, Hyderabad.**



MoU Between VCE & MIR labs, May 2019

Annexure-1

No.	Heading	Cost per unit	Number of units	Total amount
1	Conference kit (Conference bags , scribbling pads ,pens )	1000	150	150000
2	Book of abstracts hard copy	100	150	15000
3	Local Transportation	4000	4 cabs	16000
4	Certificates	15	150	3000
5	Banners /Display	1000	5	6000
6	Accommodation for speakers	5000(one day)	5 speakers	25000
7	Food(Includes lunch, high tea-2 times)	500(two days)	150	75000
8	Gala Dinner(food ) one night	500	150	75000
9	Memento ,shawls	500	30	15000
	Total			3,80,000
	Miscellaneous	15000	1	20,000
	Estimated Budget Rounded			4,00,000/-

MoU Between VCE &amp; MIR labs, May 2019



Dr. S. Sai Satyanarayana Reddy  
Principal  
Vardhaman College of Engineering  
Nagarguda Shamshabad Road, Kacharam  
Hyderabad, Telangana 501218

**Subject: Memorandum of Understanding (MoU)**

Dear Dr. S. Sai Satyanarayana Reddy,

Thank you for your interest in RiseSharp's solution, an innovative platform to drive student success outcomes. RiseSharp was founded with a simple goal of helping college students transition from college to career successfully.

The RiseSharp Platform, a foundation for building institution designed to promote successful student outcomes, helps you:

- **Improve Your Student Outcomes:** Helping your students navigate the stressful process of career planning and job search.
- **Attract Employers:** Providing you with a streamlined system to attract and engage with employers.
- **Enhance Your Brand:** Improving your brand and reputation in the marketplace through best-in-class career development services infrastructure and improved outcomes.
- **Gain Visibility & Control:** Empowering your organization with complete control and visibility into your student outcomes and job placement.

In current challenging times, student (& parent) anxiety about not being able to develop necessary competencies to succeed professionally and find a job upon graduation are at the top. Tackling this challenge is paramount to the success of a higher education institution, and institution's success depends on the student outcomes. Market leading institutions like yours are turning to new strategies and approaches to maximize their value proposition, through personalized career development and mentoring for students and streamlined engagement with employers.



## The RiseSharp Platform



The RiseSharp Platform helps your students plan, prepare and pursue the best path to a successful transition from college to career:

### 1. ASSESS

Conduct assessments to learn about their career goals, interests, value, skills, and preferences.

#### Features

- Know what's important to them, including criteria for their career selection
- Receive guidance that covers such areas as personality types, motivational traits and top job areas to pursue
- Define and clarify their academic and professional goals
- Explore their career possibilities: identify all the choices that are available to them as they consider their career path, both short-term and long-term
- Review the current market trends, opportunities and challenges impacting their field of interest

### 2. DEVELOP

Develop strategies to achieve their professional goals, and prepare to increase confidence and motivation to be successful in their job search.

#### Features

- Develop resume using Resume Builder, including creating a PDF version of resume to post on online job search directories
- Establish a polished, professional online presence (LinkedIn Profile, Profile on Job Search Sites)
- Get interview advice to help learn the art of interviewing: Review interviewing strategies, tips and best practices





- Prepare for a library of most commonly asked interview questions, including approaches to answering them -- Questions on education, Questions on experience, Behavioral questions, Questions about Strengths and Weaknesses, Questions about salary, Open-Ended questions
- Prepare to ask an interviewer questions to show their interest and gauge "fit", including company culture
- Practice mock interview sessions

### 3. PLAN

Develop the plan, step-by-step, through the complete career planning and job search process.

#### Features

- Develop job search strategy and timeline
- Map out the best plan of action while in college
- Request appointment with career services office to discuss your career plans, job-readiness and job search plan, or discuss your graduate school plans
- Create a "best fit" companies list matched to their job goals and career interests
- Learn how to research companies and job roles, and how to make the best impression in a competitive job market
- Ask faculty and past employers for reference letters

### 4. EXECUTE

Connect with employers for job opportunities, including internships and other experiential learning experiences.

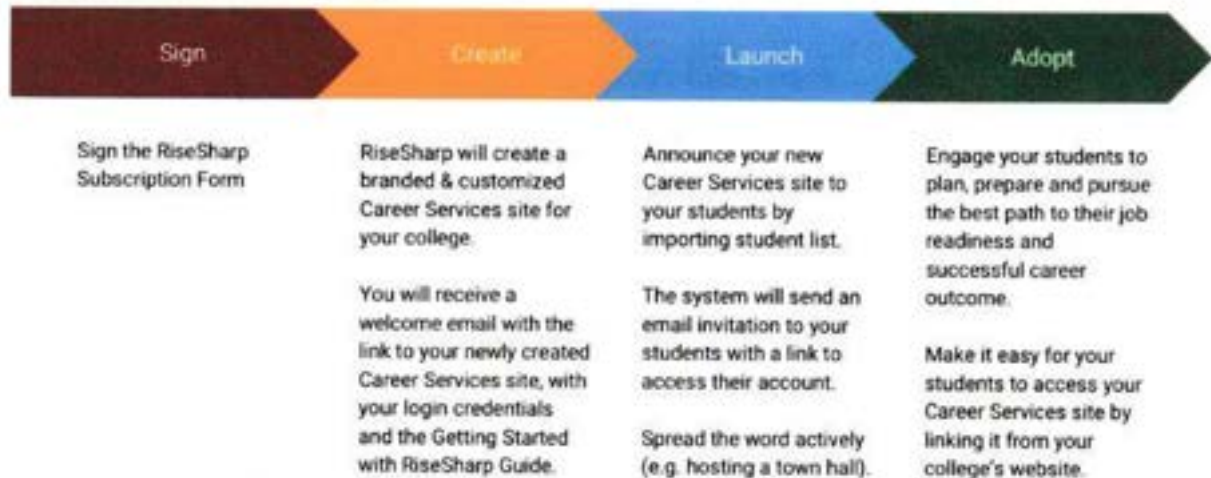
#### Features

- Leverage the internal and external job boards to identify internship and other job opportunities
- Build professional, Job-Ready skills through class projects, volunteer opportunities, summer internships and other experiential learning opportunities
- Maximize their career opportunities by improving their employment marketability and job opportunities
- Conduct an ongoing progress review to address any job search challenges and to refine job searching strategies & tactics
- Gain access to guidance on follow-up communications and salary negotiation strategies



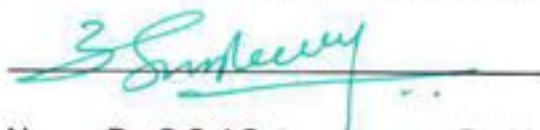
## Onboarding Process

Launching your Career Planning and Development program, powered by RiseSharp, is an exciting time for you and your college. The goal of the RiseSharp's College Onboarding Process is to deploy the solution quickly and successfully working closely with your Placement Office:



This Memorandum of Understanding ("MoU") is made by and between RiseSharp Technologies ("RiseSharp"), having an address at 5A Melange Towers, Madhapur, Hyderabad, Telangana - 500 081 and Vardhaman College of Engineering ("College"), having an address at Nagarguda Shamshabad Road, Kacharam, Hyderabad, Telangana 501218. This Memorandum of Understanding (MoU) shall terminate upon expiration or termination of the subscription service with RiseSharp.

### Vardhaman College of Engineering:



Name: Dr. S.Sai Satyanarayana Reddy

Title: Principal

Date: 16/01/2019

### RiseSharp Technologies:



Name: Vasu Reddy

Title: CEO

Date: 16/01/2019



## Subscription Form

**RiseSharp Platform** – Key features include:

- **Resources for a Successful Career Planning & Development**  
Career Planning – Mentoring – Checklist – How to Guides – Instructional Videos – Online Workshops / Events
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Personality - Interests - Values - Skills - Competency – Job Readiness Assessments – Review & Mentor
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- **Communicate with Ease**  
Group Emailing – Manage appointments with the Placement Office
- **Job Board**  
Post & manage external jobs & internships – Post & manage on-campus jobs – Apply online – Invite new employers – Maintain database of companies
- **Reports & Visibility**  
Export to Excel – Export to PDF – Gain visibility and Control

<b>Terms:</b> The products and services provided under this order shall be governed by the RiseSharp's Terms of Use Agreement on the website. After signing this form, RiseSharp will create a branded career planning and development services site for the institution.	Subscription Fees	₹1,80,000 per annum
	GST (18%)	₹32,400
	<b>Total</b>	<b>₹2,12,400 per annum</b>

**Authorized Signature:**

Name: Dr. S. Sai Satyanarayana Reddy

Designation: Principal

Institution: Vardhaman College of Engineering

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

16/01/2019

**RiseSharp Technologies Pvt. Ltd.**

SA, Melange Towers, Madhapur, Hyderabad, Telangana - 500081 | Phone 9177444077 | www.risesharp.com

### MEMORANDUM OF UNDERSTANDING

THIS Memorandum of Understanding ("MoU") dated 03-10-2018 is made by and between IDEALABS FutureTech Ventures (hereinafter referred as the "IDEALABS") and Vardhaman College of Engineering an Educational Institution managed and run by Vardhaman Educational Society registered under Societies Regulation Act through its Principal Dr. S. Sai Satyanarayana Reddy who is duly authorized to sign this Agreement (herein referred to as Academic Partner (Member – Global Academic Alliance Partner)).

#### 1. Intent:

The purpose of this MoU is for the parties to this Agreement to work together to maximize the benefits to each other. IDEALABS is a leading product development and consulting company on emerging technologies such as Blockchain, IoT, Artificial Intelligence, Cyber security and allied areas. IDEALABS has started several initiatives for skills, innovation and entrepreneurship development on campus. Academic Partner agrees and IDEALABS hereby appoints Vardhaman College of Engineering as an Academic Partner.

#### 2. Relationship:

This MoU does not authorize the Academic Partner to act for IDEALABS as its agent or to make any commitment on behalf of IDEALABS. No person shall be admitted as an associate of IDEALABS without its consent and written approval.

#### 3. Terms of MoU:

- a. IDEALABS shall carry out its activities under this MOU through the branding of IDEALABS and its affiliate Block91, represented by Mr. Pankaj Diwan.
- b. THE Academic Partner agrees and acknowledges that this MoU does not entail any commercial liability upon IDEALABS, and that IDEALABS shall not be liable for any compensation or payments.

#### 4. Proposed List of Activities

##### a. **Mentor Connect**

IDEALABS shall get renowned Entrepreneurs and Mentors on Campus to interact and inspire the students on topics related to emerging technologies

##### b. **Bootcamps & Hackathons**

IDEALABS shall conduct bootcamps and hackathons across different emerging technology platforms

##### c. **Corporate Challenges**

IDEALABS shall identify, create and provide mentoring for corporate challenges around emerging technologies to encourage students to compete and raise their benchmarks.

**d. International Contests**

IDEALABS shall identify and provide mentoring for international contests on emerging technologies.

**e. Summer School**

IDEALABS shall conduct a four week summer school programme on emerging technologies from Ideation to Prototype development.

**f. Centre of Excellence**

IDEALABS shall set up Tinkering Labs, Maker space, Incubation Centre and Centre of Excellence in emerging technologies through its expertise and its partnership with global leaders in respective technologies.

**g. Product Development and Incubation**

IDEALABS shall provide Product development consulting to selected and eligible set of students and provide Incubation for the product development on emerging technologies.

**h. Entrepreneurship Development**

IDEALABS shall conduct bootcamps, product Incubation, investor connect for entrepreneurship awareness and development on emerging technologies based startups

**i. E-Summits and Maker Faire**

IDEALABS shall conduct E-Summits and Maker Faire to showcase the talent of students to the larger ecosystem Industry bodies and Investors

**j. Funding Opportunities**

IDEALABS shall help college in submission of proposals for funding from DST and other government bodies.

**k. Co-Innovation**

IDEALABS shall sign tri-party agreements with International Incubators and Accelerators, Universities and Corporates for co-innovation

**l. Joint Research**

IDEALABS shall assign/outsourcing Research and Product development in collaboration with college to create Intellectual Property. A joint team comprising members of IDEALABS and Academic Partner shall work in collaboration to accomplish the goals of the projects.

**m. Faculty Development Programme**

IDEALABS shall conduct Faculty Development programme and provide necessary training as an ongoing activity on varied Leading edge technologies and other relevant areas to the faculties /Lecturers /Professors of the Academic Partner. Senior trainers with vast Industry experience will conduct the training.

#### n. Certification Programme

IDEALABS shall conduct, Internationally recognized certification courses on emerging technologies to further improve the skill set and placement eligibility of students.

#### 5. Publicity:

Both party hereby grant the other Party, the express right to use their company logo in marketing, sales, financial, and public relations materials and other communications for the purpose of conveying the relationship and understanding among the parties. Other than as expressly stated herein, neither party shall use the other party's marks, codes, drawings or specifications without the prior written permission of the other party.

#### 6. Limitation of Liability:

Under no circumstances shall IDEALABS be liable for any direct, indirect, incidental, special, or consequential damages (including without limitation damages for lost profits or savings) incurred by the Academic Partner or any third party, even if IDEALABS has been informed of the possibility of such damages.

#### 7. Amendment to the Agreement:

This MOU supersedes any other agreement, whether written or oral. During the operation of the MOU, circumstances may arise which call for alteration or modifications of this MOU, or entering into another Agreement on mutually agreed terms. These modifications/alterations will be mutually discussed and agreed upon in writing.

#### 8. Term

This MOU is at-will and may be modified by mutual consent of both the parties. This MOU shall become effective upon signature by the authorized officials from both parties, and will remain in effect until terminated by any one of the parties with notice of at least 30 days to the other party.

#### Approved & Accepted:

For IDEALABS FutureTech Ventures



Name: Pankaj Diwan  
Title: CEO



For Vardhaman College of Engineering

PRINCIPAL  
VARDHAMAN COLLEGE OF ENGINEERING  
Name: Dr. S. S. Satyanarayana Reddy  
Title: Principal



# **BERKADIA**

## **Memorandum of Understanding**

Between

**Berkadia Services India Private Limited**

And

**VARDHAMAN COLLEGE OF ENGINEERING**

This memorandum of understanding is made on Date between Berkadia Services India Private Limited, 9<sup>th</sup> Floor, Block 2, DLF Cybercity Gachibowli Village, Plot No:129 to 132 Serilingampalli Mandal, Hyderabad AP 500019 and **VARDHAMAN COLLEGE OF ENGINEERING** situated at **Kacharam, Shamshabad - 501 218, Hyderabad, Telangana, India**. Review of this memorandum shall be made on or before Date, at which time this agreement may be extended, modified or terminated.

In order to promote co operation and advancement of Academic and Business Exchanges between Berkadia Services India Private Limited and **VARDHAMAN COLLEGE OF ENGINEERING** agree upon the following:

- 1.1 Berkadia Services India Private Limited & **VARDHAMAN COLLEGE OF ENGINEERING**, Joint Certification Program (JCP) to be offered as an optional course to the student along with the regular **B. Tech** course.
- 1.2 Berkadia Services India Private Limited would have the first right to interview and select students within the Academic Year for employment with Berkadia Services India Private Limited, from those who undergo this JCP.
2. Berkadia Services India Private Limited agrees to :
  - 2.1 Develop the JCP curriculum and communicate the same to **VARDHAMAN COLLEGE OF ENGINEERING**.
  - 2.2 Conduct / arrange for guest lectures for the portion of the curriculum provided in the annexure
3. **VARDHAMAN COLLEGE OF ENGINEERING** agrees to:
  - 3.1 Conduct lectures for the portion of the curriculum of JCP provided in the annexure
  - 3.2 Ensure infrastructure facilities / needs
4. The purpose of this Memorandum of understanding is only to express the intentions of the parties and is not intended to be legally binding on either party.




# BERKADIA

5. Provide training material, jointly developed between Berkadia Services India Private Limited and **VARDHAMAN COLLEGE OF ENGINEERING**, for the JCP being offered.
6. The offers will be made to the select students by Berkadia Services India Private Limited post successful completion of the course & exam.
7. Post acceptance of offer by Berkadia Services India Private Limited, the students shall not participate in the on campus placement process of any other organization thereafter.
8. The terms of cooperation for each specific activity contemplated under this Memorandum of Understanding shall be mutually discussed and agreed upon in writing by both parties prior to the initiation of that activity.
9. Each institution shall designate a liaison officer to develop and co ordinate the specific activities agreed up on.
10. This Memorandum of Understanding imposes no financial obligation on either party.
11. Each party recognizes that the other party has, may have or will have arrangements of a similar or different nature with other institutions during the currency of this Memorandum of Understanding.
12. Each party shall keep confidential any information that it receives from the other party. Publication of any material that is jointly developed by the two parties will be considered as confidential and will not be shared in any public forum or with any third party, without prior consent / approval of the other in writing , obtained from the authorized signatory.
13. This memorandum shall remain in effect until terminated by either party.
14. The terms of cooperation may be extended beyond the terms mentioned in this Memorandum of understanding, basis discussion and up on mutual agreement between the two parties.

For **Berkadia Services India Private Limited**



Name – Peter Samuel

Designation – Site Director

Date: 23-08-2018

For **VARDHAMAN COLLEGE OF ENGINEERING**



Name – Dr. S. SAI SATYANARAYANA REDDY

Designation - PRINCIPAL

Date: 23-08-2018





# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Affiliated to JNTUH, Approved by AICTE,  
Accredited by NAAC with 'A' Grade and ISO 9001:2008 Certified

## Memorandum of Understanding

Between

**Berkadia Services India Private Limited**

And

**VARDHAMAN COLLEGE OF ENGINEERING**

This memorandum of understanding is made on Date between Berkadia Services India Private Limited, 9<sup>th</sup> Floor, Block 2, DLF Cybercity Gachibowli Village, Plot No:129 to 132 Serilingampalli Mandal, Hyderabad AP 500019 and **VARDHAMAN COLLEGE OF ENGINEERING** situated at **Kacharam, Shamshabad - 501 218, Hyderabad, Telangana, India**. Review of this memorandum shall be made on or before Date, at which time this agreement may be extended, modified or terminated.

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- 1.2 Berkadia Services India Private Limited would have the first right to interview and select students within the Academic Year for employment with Berkadia Services India Private Limited, from those who undergo this JCP.
2. Berkadia Services India Private Limited agrees to :
  - 2.1 Develop the JCP curriculum and communicate the same to **VARDHAMAN COLLEGE OF ENGINEERING**.
  - 2.2 Conduct / arrange for guest lectures for the portion of the curriculum provided in the annexure
3. **VARDHAMAN COLLEGE OF ENGINEERING** agrees to:
  - 3.1 Conduct lectures for the portion of the curriculum of JCP provided in the annexure
  - 3.2 Ensure infrastructure facilities / needs
4. The purpose of this Memorandum of understanding is only to express the intentions of the parties and is not intended to be legally binding on either party.

Shamshabad - 501 218, Hyderabad, Telangana, India.

Ph : 08413-253335, 253201, Fax : 08413-253482,

City Office : # 403, Zee Plaza, 3-6-524, Opp. Minerva Coffee Shop,

Himayathnagar, Hyderabad - 500 029, Telangana, India. Ph : 040-64582470

[www.vardhaman.org](http://www.vardhaman.org)

[info@vardhaman.org](mailto:info@vardhaman.org)



# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Affiliated to JNTUH, Approved by AICTE,  
Accredited by NAAC with 'A' Grade and ISO 9001:2008 Certified

5. Provide training material, jointly developed between Berkadia Services India Private Limited and **VARDHAMAN COLLEGE OF ENGINEERING**, for the JCP being offered.
6. The offers will be made to the select students by Berkadia Services India Private Limited post successful completion of the course & exam.
7. Post acceptance of offer by Berkadia Services India Private Limited, the students shall not participate in the on campus placement process of any other organization thereafter.
8. The terms of cooperation for each specific activity contemplated under this Memorandum of Understanding shall be mutually discussed and agreed upon in writing by both parties prior to the initiation of that activity.
9. Each institution shall designate a liaison officer to develop and co ordinate the specific activities agreed up on.
10. This Memorandum of Understanding imposes no financial obligation on either party.
11. Each party recognizes that the other party has, may have or will have arrangements of a similar or different nature with other institutions during the currency of this Memorandum of Understanding.
12. Each party shall keep confidential any information that it receives from the other party. Publication of any material that is jointly developed by the two parties will be considered as confidential and will not be shared in any public forum or with any third party, without prior consent / approval of the other in writing , obtained from the authorized signatory.
13. This memorandum shall remain in effect until terminated by either party.
14. The terms of cooperation may be extended beyond the terms mentioned in this Memorandum of understanding, basis discussion and up on mutual agreement between the two parties.

For Berkadia Services India Private Limited

Name – Peter Samuel

Designation – Site Director

Date: 23-08-2018

For VARDHAMAN COLLEGE OF ENGINEERING

Name – Dr. S. SAI SATYANARAYANA REDDY

Designation - PRINCIPAL

Date: 23-08-2018

Shamshabad - 501 218, Hyderabad, Telangana, India.

Ph : 08413-253335, 253201, Fax : 08413-253482,

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[www.vardhaman.org](http://www.vardhaman.org)

[info@vardhaman.org](mailto:info@vardhaman.org)

## MEMORANDUM OF UNDERSTANDING

THIS Memorandum of Understanding ("MoU") dated 25-07-2018 is made by and between **Eleven01 Technologies** (hereinafter referred as the "Firm" or "Eleven01"); **Idealabs Futuretech Ventures**, address at 3-9-104, Krishnapuri colony, West Marredpally Secunderabad 500026 (hereinafter "Idealabs"); and **Vardhaman College of Engineering** an Educational Institution managed and run by Vardhaman Educational Society registered under Societies Regulation Act through its Principal Sri S. Sai Satyanarayana Reddy who is duly authorized to sign this Agreement (herein referred to as "Academic Partner").

### **1. Intent:**

The purpose of this MoU is for the parties to this Agreement to work together to maximize the benefits to each other. Eleven01 is working towards building India's first native blockchain protocol that will bolster the growth of blockchain-based initiatives in the country. Academic Partner agrees and the Firm hereby appoints **Vardhaman College of Engineering** as an Academic Partner of Eleven01.

### **2. Relationship:**

This MoU does not authorize the Academic Partner to act for the Firm as its agent or to make any commitment on behalf of the Firm. No person shall be admitted as an associate of the Firm without its consent and written approval.

### **3. Terms of MoU:**

- a. Firm shall carry out its activities under this MOU through Idealabs and its affiliate Block91, the Firm's 'Blockchain Training Partner', represented by Mr. Pankaj Diwan.
- b. THE Academic Partner agrees and acknowledges that this MoU does not entail any commercial liability upon the Firm or its associates, affiliates, and partners, and that the Firm shall not be liable for any compensation or payments.

### **4. Proposed List of Activities**

To the best of its endeavor, Eleven01 shall carry out the following:

#### **a. Mentor Connect**

Firm shall arrange for getting renowned Entrepreneurs and Mentors on Campus to interact and inspire the students on topics related to Blockchain

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### **ELEVEN01 TECHNOLOGIES**

Registered office: 4-6-118, Ram Bagh, Attapur, Hyderabad, Telangana, – 500 048, India

**c. Corporate Challenges**

Firm shall arrange for the identification, creation and provision of mentoring for corporate challenges around Blockchain technology to encourage students to compete and raise their benchmarks.

**d. International Contests**

Firm shall arrange for the identification and provision of mentoring for International contests on Blockchain technology.

**e. Product Development and Incubation**

Firm shall arrange for the provision of Product development consulting to selected and eligible set of students and provide Incubation for the product development on Blockchain.

**f. Entrepreneurship Development**

Firm shall arrange for the conduct of bootcamps, product Incubation, investor connect for entrepreneurship awareness and development on Blockchain solution based startups

**g. E-Summits**

Firm shall arrange for the conduct of E-Summits and Maker Faire to showcase the talent of students to the larger ecosystem Industry bodies and Investors

**h. Funding Opportunities**

Firm shall arrange to help college in submission of proposals for funding from DST and other government bodies.

**i. Co-Innovation**

Firm shall arrange for the signing of tri-party agreements with International Incubators and Accelerators, Universities and Corporates for co-innovation

**j. Joint Research**

Firm shall arrange for the assigning/outourcing of Research and Product development in collaboration with college to create Intellectual Property. A joint team comprising members of Idealabs and Academic Partner shall work in collaboration to accomplish the goals of the projects.

**k. Faculty Development Programme**

Firm shall arrange for the conduct of Faculty Development program and providing necessary training as an ongoing activity on varied Leading edge technologies and other relevant areas to the faculties /Lecturers /Professors of the Academic Partner. Senior trainers with vast Industry experience will conduct the training.

**l. Certification Programme**

Firm shall arrange for the conduct of internationally recognized certification courses on Blockchain technology to further improve the skill set and placement eligibility of students.

**5. Publicity:**

Both parties hereby grant the other Party, the express right to use their name and logo in marketing, sales, financial, and public relations materials and other communications for the purpose of conveying the relationship and understanding among the parties. Other than as expressly stated herein, neither party shall

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**ELEVEN01 TECHNOLOGIES**

Registered office: 4-6-118, Ram Bagh, Attapur, Hyderabad, Telangana, – 500 048, India

use the other party's marks, codes, drawings or specifications without the prior written permission of the other party.

**6. Limitation of Liability:**

Under no circumstances shall Firm be liable for any direct, indirect, incidental, special, or consequential damages (including without limitation damages for lost profits or savings) incurred by the Academic Partner or any third party, even if the Firm has been informed of the possibility of such damages.

**7. Amendment to the Agreement:**

This MOU supersedes any other agreement, whether written or oral. During the operation of the MOU, circumstances may arise which call for alteration or modifications of this MOU, or entering into another Agreement on mutually agreed terms. These modifications/alterations will be mutually discussed and agreed upon in writing.

**8. Term**

This MOU is at-will and may be modified by mutual consent of both the parties. This MOU shall become effective upon signature by the authorized officials from both parties, and will remain in effect until terminated by any one of the parties with notice of at least 2 weeks to the other party.

**Approved & Accepted:**

For Eleven01 Technologies


  
For M/s. ELEVEN01 TECHNOLOGIES  
Name: Mr. Ramachandran Iyer  
Authorised Signatory Partner

SPOC Name:

SPOC Contact details:

SPOC Email id:

For Vardhaman College of Engineering

  
Name: Dr. S. Sai Satyanarayana Reddy  
Title: Principal PRINCIPAL  
VARDHAMAN COLLEGE OF ENGINEERING  
Shamshabad, Hyderabad.

SPOC Name:

SPOC Contact details:

SPOC Email id:

For Idealabs Futuretech Ventures

  
Name: Pankaj Diwan  
Authorised Signatory

SPOC Name:

SPOC Contact details:

SPOC Email id:



**ELEVEN01 TECHNOLOGIES**

Registered office: 4-6-118, Ram Bagh, Attapur, Hyderabad, Telangana, - 500 048, India



## MEMORANDUM OF UNDERSTANDING / AGREEMENT

This Memorandum of Understanding is made on 18/07/2018, between **Think & Learn Pvt. Ltd (Byju's)**, herein referred to as "**Training Provider**" —having its office at #404, Manjeera Majestic Commercial, K.P.H.B Phase-1, JNTU - Hi Tech city road, K.P.H.B, Hyderabad-500072—and **Vardhaman College of Engineering**, having its campus located at Kacharam, Hyderabad, Telangana 500018, hereinafter referred to as "**Training Centre**", is represented by its authorized representative of the second part.

Think & Learn Private Limited  
 404, Manjeera Majestic Commercial  
 K.P.H.B. Phase-1, JNTU-Hi Tech City Road  
 K.P.H.B, Hyderabad - 500 072.  
 Email : gre@byjus.com | Tel. No : 040-39560716,  
 CIN: U80903KA2011PTC061427

The Programme, for which this MoU is signed, is to be known as “GRE Coaching” by Byju’s, The Learning App.

**Think and learn Pvt. Ltd. (Byju’s) GRE Offering:**

Byju’s Classes proposes a goal-based, hybrid, GRE training program. Our training program will comprise 3 important components:

**a) Tablet Device:**

The student will be provided a Samsung/Lenovo tablet which comes with the following content:

- **100+ hours** of pre-loaded lectures (Internet connection is not required to view them).
- **1500+ questions** with video solutions and in-depth statistics tailor-made to improve one’s score (Internet connection is not required to view them).
- **Diagnostic Tool Kit** which will help the student in analysing his/her performance by identifying the mistakes’ pattern and in rectifying them (Internet connection is not required to view them).
- **5 adaptive mock GRE exams** to simulate the GRE experience.
- **Membean Software** — A scientifically acclaimed, adaptive, vocabulary building software that offers a guided, engaging, and multi-model vocabulary instructions to the students.
  - Reinforcement to help students retain what they learn.

\*Please note that the students will be given online access to the Membean software and the GRE mock tests for a period 6 months

**b) Physical Classes:**

- The student will be provided additional support in the form of physical classes at the centres specified by the Training Provider.

- The Training provider will conduct on-campus classes if the number of enrolments exceed 30 students and the students show interest for the same.

**c) Live Webinar Classes:**

- The Training Provider will also provide access to live webinars which will deal with all the topics related to the course curriculum.
- These webinars shall be accessible throughout the duration of the course from Monday to Thursday.
- Students will also be provided with the recordings of live webinar classes in case they fail to attend them.

**Additional and Value-Added Services Provided by the Training Provider:**

- The Training Provider shall set-up an incubation centre to help the students by providing the guidance required for higher education and study abroad.
- The Training Provider shall regularly engage with the students through knowledge transfer activities by way of various closed circuit social groups created for the students specifically for this.
- The Training Provider shall conduct campus recruitment drive in your campus for students interested in participating in career placements. However, selection will purely be based on the student's merit.

**Terms and Conditions:**

Whereas the Training Centre is desirous of undertaking a joint project for the training and handholding components of the aforementioned scheme with the "Training Provider", the two parties of this Memorandum of Understanding, with the intention to be legally bound, accept the following terms and conditions:

**a) Coordination and Contact Points:**

- "Training Provider" shall provide a single point of contact for coordination on broad policy issues and matters related to centralized operations.



- “Training Centre” shall provide a single point of contact for coordination on all operational matters which include training, infrastructure, and all other aspects as per “Training Provider” guidelines.

**b) Responsibilities of the Training Centre:**

The Training Centre shall:

- Organize training activities under the Byju’s Classes training Program as per the “Training Providers” guidelines.
- Not make any financial commitment on behalf of the “Training Provider”, nor shall take loans or create any other financial liability binding the “Training Provider” under this agreement.
- Have all the “Training Centre” employees related to this project on its payroll, and “Training Provider” shall have no legal, financial or any other responsibilities toward them.
- Conduct no such parallel activity which may be prejudicial to the interests of the said Scheme or “Training Provider”.
- Provide the following basic infrastructural facilities:
  - I. Rooms to conduct training/counselling
  - II. Necessary furniture and power supply.

**c) Responsibilities of “Training Provider”:**

The “Training Provider” shall:

- Develop and provide broad course outline to the enrolled students.
- Provide norms and guidelines wherever necessary.
- Be responsible for the logistics and operational aspects involving the training component of the aforementioned scheme.
- Provide timely clarifications regarding academic inputs and other necessary information to the Training Centre.

**d) Exclusivity:**

The training centre shall not allow any other training provider operating in the same category of

training either for training or for any other promotional activities into the campus as long as this MoU is in force.

**e) Force Majeure:**

In the event of the non-fulfilment of the contract terms and conditions, due to any reason of force majeure namely fires, wars, riots, strikes, natural calamities, etc., neither the Training Centre nor the "Training Provider" shall be held responsible for any loss or consequential loss.

**f) Indemnity:**

The Training Centre hereby agrees jointly and severally to indemnify "Training Provider", their representatives, administrators and properties from and against all action, demands, proceedings, prosecutions, attachments, and the like arising out of its liabilities and all charges, taxes, etc.

Similarly, "Training Provider" shall be liable to indemnify/compensate the Training Centre on account of any losses arising due to the fault of "Training Provider".

**f) Liabilities:**

The "Training Provider" shall not, however, be liable for:

- Any payments of claims by employees of the Training Centre.
- Discharging any financial commitments made by the Training Centre.
- Any legal suit on account of demands concerning the infringement of copyright and other laws by the Training Centre which have no nexus with the object of the MoU being entered into.
- The Training Centre shall ensure that all of its software is legal. "Training Provider" shall not be responsible in any way for any liabilities arising out of the use of pirated software.

**g) Breach of Agreement:**

The "Training Provider" shall have the right to terminate the agreement with the Training Centre, in case the Training Centre either fails to provide the services successfully as

mentioned in the agreement, or violates any of the clauses mentioned in the MOU, or exploits the students or misuses the partnership with the "Training Provider" in any way.

**h) Amendment to the Agreement:**

The obligation of the Training Centre and the "Training Provider" has been outlined in this agreement. However, during the operation of the agreement, circumstances may arise which call for modifications of this Agreement. These modifications will be mutually discussed and agreed upon in writing.

**i) Period of Validity:**

This agreement shall be initially valid for one year from the date of signing the agreement and to be renewed subsequently by mutual consent of both the parties.

**j) Arbitration:**

Any dispute arising with regard to any aspect of this Agreement shall be settled through mutual consultations and agreements by the parties to the Agreement.

For the "Training Centre"

**Dr. S. Sai Satyanarayana Reddy**  
B.E., M.E., Ph. D.  
PRINCIPAL  
Vardhaman College of Engineering  
Shamshabad, Hyderabad.



For the "Training provider"

V.V.K Rao V  
Head – Business Development  
A.P & Telangana



mentioned in the agreement, or violates any of the clauses mentioned in the MOU, or exploits the students or misuses the partnership with the "Training Provider" in any way.

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The obligation of the Training Centre and the "Training Provider" has been outlined in this agreement. However, during the operation of the agreement, circumstances may arise which call for modifications of this Agreement. These modifications will be mutually discussed and agreed upon in writing.

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**j) Arbitration:**

Any dispute arising with regard to any aspect of this Agreement shall be settled through mutual consultations and agreements by the parties to the Agreement.

For the "Training Centre"

**Dr. S. Sai Satyanarayana Reddy**  
B.E., M.E., Ph. D.  
PRINCIPAL  
Vardhaman College of Engineering  
Shamshabad, Hyderabad.



For the "Training provider"

V.V.K Rao V  
Head – Business Development  
A.P & Telangana



## Documents

Export Date: 13 Jun 2019

Search: AF-ID("Vardhaman College of Engineering" 60109977) AND ( LIM...

- 1) Ponnamma, D., Cabibihan, J.-J., Rajan, M., Pethaiah, S.S., Deshmukh, K., Gogoi, J.P., Pasha, S.K.K., Ahamed, M.B., Krishnegowda, J., Chandrashekar, B.N., Polu, A.R., Cheng, C.  
[Synthesis, optimization and applications of ZnO/polymer nanocomposites](#)  
(2019) Materials Science and Engineering C, 98, pp. 1210-1240. Cited 3 times.  
1) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85060646117&doi=10.1016%2fj.msec.2019.01.081&partnerID=40&md5=>  
DOI: 10.1016/j.msec.2019.01.081

Document Type: Review

Publication Stage: Final

Source: Scopus

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- 19) <https://www.scopus.com/inward/record.uri?eid=2-s2.0-85048339430&doi=10.14419%2fijet.v7i2.11664&partnerID=40&md5=77a>  
DOI: 10.14419/ijet.v7i2.11664  
  
Document Type: Article  
Publication Stage: Final  
Source: Scopus

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[A new term weight measure for gender prediction in author profiling](#)  
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- 20) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045620456&doi=10.1007%2f978-981-10-7566-7\\_2&partnerID=40&md5=10.1007/978-981-10-7566-7\\_2](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85045620456&doi=10.1007%2f978-981-10-7566-7_2&partnerID=40&md5=10.1007/978-981-10-7566-7_2)  
DOI: 10.1007/978-981-10-7566-7\_2

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

- 21) Rao, T.C.S., Ram, S.S.T., Subrahmanyam, J.B.V.  
[Comparative analysis of fault diagnosis in distribution system with the aid of DWT-FFNN and DWT-RBFNN](#)  
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- 21) [https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044425851&doi=10.1007%2f978-981-10-7868-2\\_56&partnerID=40&md5=10.1007/978-981-10-7868-2\\_56](https://www.scopus.com/inward/record.uri?eid=2-s2.0-85044425851&doi=10.1007%2f978-981-10-7868-2_56&partnerID=40&md5=10.1007/978-981-10-7868-2_56)  
DOI: 10.1007/978-981-10-7868-2\_56

Document Type: Conference Paper

Publication Stage: Final

Source: Scopus

Search: AF-ID("Vardhaman College of Engineering" 60109977) AND ( LIMIT-TO ( PUBYEAR,2019) OR  
LIMIT-TO ( PUBYEAR,2018) )



VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD  
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**Details of Books Published in 2018-2019**

S No.	Name of the Authors	Title of Book	Publisher	ISBN No.
1.	Dr. R. Lalu Naik	QUANTUM CRYPTOGRAPHY & INFORMATION SECURITY	LAMBERT Academic Publishing	978-613-9-98097-0
2.	Dr. T. Raghunadha Reddy	A PROFILE SPECIFIC DOCUMENT WEIGHTED APPROACH FOR AUTHOR PROFILING	LAMBERT Academic Publishing	978-613-9-90869-1
3.	Dr. V. Muni Sekhar	CONTENT-AWARE DATA HIDING TECHNIQUES	LAMBERT Academic Publishing	978-613-9-89843-5
4.	Dr. S. Nageswara Rao	MOBILE ADHOC NETWORK:A RESEARCH PERSPECTIVE	LAMBERT Academic Publishing	978-3-926-65289-0
5.	Dr. S. RAMESH	MULTI MEDIA SECURITY PARADIGMS	Notion Press Chennai	9781643249896, 1643249894
6.	Dr. N. Karuppiah	BASIC ELECTRICAL AND ELECTRONICS ENGINEERING	Shanlax Publications	978-93-87871-10-6
7.	Dr. N. Karuppiah, Dr. S. RaviVarman	MICROPROCESSORS AND MICRO CONTROLLERS	Shanlax Publications	9789387871861
8.	Mr. B Rajagopal Reddy	OPERATION AND CONTROL OF POWER SYSTEMS	Shanlax Publications	978-93-87871-83-1
9.	Dr. P. Sarah	LIMIT STATE DESIGN OF REINFORCED CONCRETE STRUCTURES	MEDTECH publication, 2 <sup>nd</sup> edition 2018	978-93-8647-990-7
10.	Dr. P. Sarah	DESIGN OF REINFORCED CONCRETE STRUCTURES	MEDTECH publication, 5 <sup>th</sup> edition 2018	978-93-8647-978-5
11.	Dr. P. Sarah	PRESTRESSED CONCRETE STRUCTURES	MEDTECH publication 7 <sup>th</sup> edition 2018	978-93-8647-977-8
12.	Dr. P. Sarah	BRICK AND REINFORCED BRICK STRUCTURES	MEDTECH publication, 2 <sup>nd</sup> edition 2018	978-93-8647-979-2
13.	Mrs. S. Sujana	ELECTRONIC DEVICES AND CIRCUITS	Spectrum University Press, Hyderabad	978-93-83640-04-1



**VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD**  
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**PATENTS PUBLISHED**

S No	Name of the Inventor(s)	Dept	Patent Title	Ref. No.	Date of Filing	Date of Publication
1.	Dr. Bhavanasi Subbaratnam Dr. Begori Venkatesh Dr. Tirividhi Vijayababu Prof. Nallimilli Srinivasa Reddy & Dr. Seelam Sai Satyanarayana Reddy	MECH	APPARATUS AND METHOD FOR DETECTING THE CLOGGING OF A FUEL FILTER	20174104 1935	22-11-2017	24-05-2019
2.	Teegala Upender Reddy Dr. Seelam Sai Satyanarayana Reddy, Nagireddy Hanuman Reddy	VCE	A NOVEL METHOD AND COMPOSITION FOR PREPARING PIZZA USING PURE GHEE	20174103 9374	05-11-2017	10-05-2019
3.	Dr. S. Sai Satyanarayana Reddy, Dr. Ramesh Laxmanrao Shahabadkar, Ms. Krutika Ramesh Shahabadkar, & Dr. Iyer Ravinder Prakash	CSE	A SYSTEM AND METHOD FOR MONITORING ENVIRONMENTAL POLLUTANTS	20174102 7780	04-08-2017	08-02-2019
4.	Dr. B. Venkatesh Dr. Sandeep Kumar Gupta Dr. Biplab Kumar Sarkar Dr. S.V Prabhakar Vattikuti	MECH	ASPA-SYSTEM; IN AIR STEAM PROTEIN, VITAMIN ABSTRACTION SYSTEM	20182104 2806	14-11-2018	30-11-2018
5.	Dr. S. Venu Kumar	MECH	A PROCESS OF PRODUCING THREE PIN TOOL DEVICE FOR FRICTION STIR WELDING OF THREE LAYER THERMOPLASTIC SHEETS	20164103 4283	06-10-2016	12-10-2018
6.	Dr. M. A. JABBAR	CSE	ACCIDENT SURAKSHA (CRASH REPORTER)	20184102 4721	03-07-2018	20-07-2018
7.	Mr. Rajanikanth Aluvalu Dr. M. A. Jabbar Mr. Sai Prasad Aluvala Mr. Vivek Kulkarni	CSE	CIRCULAR STACKED DGS ANTENNA CONFIGURATION FOR WIRELESS APPLICATIONS	20184100 9964	19-03-2018	25-05-2018

S No	Name of the Inventor(s)	Dept	Patent Title	Ref. No.	Date of Filing	Date of Publication
8.	Dr. M.A. Jabbar Mr. Rajanikanth Aluvalu Mr. K. Srikanth Ms. T. Bhavana Mr. P. Sai Sandesh	CSE	ANALYSIS OF AGRICULTURE DATA USING MACHINE LEARNING TO MAXIMIZE RICE YIELD CROP PRODUCTION (E-RICE)	20184101 5281	23-04-2018	04-05-2018
9.	Dr. M. A. Jabbar Mr. Rajanikanth Aluvalu Mr. Vivek Kulkarni Ms. Yekkala Indu	CSE	E-HEART (FITNESS BAND)	20184100 7881	02-03-2018	30-03-2018
10.	Ms. B. Madhuravani Dr. Dsr Murthy Dr. S. Viswanadha Raju Dr. Anitha Patil Prof. M. Shanmukhi Dr. G. Naga Satish Ms. V. Uma Maheswari Ms. Ch. Janakamma	CSE	AUTHENTICATION MODEL FOR WIRELESS COMMUNICATION	20184100 5538	14-02-2018	23-02-2018
11.	Dr. P. Sarah	H&S (PHYSICS)	PIEZOELECTRIC COMPOUND FOR ELEVATED TEMPERATURE AND A PROCESS FOR PREPARING THE SAME.	20164100 4980	12-02-2016	10-11-2017
12.	Mr. Kunapareddy Koteswara Rao Dr. Pasumarthy Nageswara Rao & Ms. Vangala Sumalatha	ECE	INVESTIGATION OF 2DEBG GROUND PLANE EFFECT IN ARRAY ANTENNA DESIGN	20164103 0225	05-09-2016	10-02-2017
13.	Teegala Upender Reddy Dr. Seelam Sai Satyanarayana Reddy, Nagireddy Hanuman Reddy	VCE	A NOVEL METHOD AND COMPOSITION FOR PREPARING PIZZA USING PURE GHEE	20174103 9374	05-11-2017	10-05-2019
14.	Dr. Bhavanasi Subbaratnam Dr. Begori Venkatesh Dr. Tirividhi Vijayababu Prof. Nallimilli Srinivasa Reddy & Dr. Seelam Sai Satyanarayana Reddy	MECH	APPARATUS AND METHOD FOR DETECTING THE CLOGGING OF A FUEL FILTER	20174104 1935	22-11-2017	24-05-2019





## Annexure - IX

Controller General of Patents, Designs and Trademarks  
 Department of Industrial Policy and Promotion  
 Ministry of Commerce and Industry

## Application Details

APPLICATION NUMBER	201741041935
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	22/11/2017
APPLICANT NAME	<b>VARDHAMAN COLLEGE OF ENGINEERING</b>
TITLE OF INVENTION	APPARATUS AND METHOD FOR DETECTING THE CLOGGING OF A FUEL FILTER
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	bencyip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	bencyip@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	22/11/2017
PUBLICATION DATE (U/S 11A)	24/05/2019

## Application Status

APPLICATION STATUS	<b>Application Awaiting Examination</b>
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## Annexure - IX

Controller General of Patents, Designs and Trademarks  
 Department of Industrial Policy and Promotion  
 Ministry of Commerce and Industry

## Application Details

APPLICATION NUMBER	201741039374
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	05/11/2017
APPLICANT NAME	<b>VARDHAMAN COLLEGE OF ENGINEERING</b>
TITLE OF INVENTION	A NOVEL METHOD AND COMPOSITION FOR PREPARING PIZZA USING PURE GHEE
FIELD OF INVENTION	FOOD
E-MAIL (As Per Record)	bencyip@gmail.com
ADDITIONAL-EMAIL (As Per Record)	bencyip@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	05/11/2017
PUBLICATION DATE (U/S 11A)	10/05/2019

## Application Status

APPLICATION STATUS	<b>Application Awaiting Examination</b>
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## Annexure - IX

Controller General of Patents, Designs and Trademarks  
 Department of Industrial Policy and Promotion  
 Ministry of Commerce and Industry

## Application Details

APPLICATION NUMBER	201741027780
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	04/08/2017
APPLICANT NAME	<b>Vardhaman College of Engineering</b>
TITLE OF INVENTION	A SYSTEM AND METHOD FOR MONITORING ENVIRONMENTAL POLLUTANTS
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	bindu@origiin.com
ADDITIONAL-EMAIL (As Per Record)	bindu@origiin.com
E-MAIL (UPDATED Online)	info@origiin.com,anita@origiin.com
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	07/08/2017
PUBLICATION DATE (U/S 11A)	08/02/2019

## Application Status

APPLICATION STATUS	<b>Application Awaiting Examination</b>
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### Application Details

APPLICATION NUMBER	201821042806
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	14/11/2018
APPLICANT NAME	1 . PROF. DR. B. VENKATESH 2 . PROF. DR. SANDEEP KUMAR GUPTA 3 . PROF. DR. BIPLAB KUMAR SARKAR 4 . PROF. S.V PRABHAKAR VATTIKUTI
TITLE OF INVENTION	"ASPA-SYSTEM ;IN AIR STEAM PROTEIN, VITAMIN ABSTRACTION SYSTEM"
FIELD OF INVENTION	GENERAL ENGINEERING
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	dr.bksarkar2003@yahoo.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	30/11/2018

### Application Status

APPLICATION STATUS	<b>Application Published</b>
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### Application Details

APPLICATION NUMBER	201641034283
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	06/04/2017
APPLICANT NAME	<b>VARDHAMAN COLLEGE OF ENGINEERING</b>
TITLE OF INVENTION	A PROCESS OF PRODUCING THREE PIN TOOL DEVICE FOR FRICTION STIR WELDING OF THREE LAYER THERMOPLASTIC SHEETS
FIELD OF INVENTION	MECHANICAL ENGINEERING
E-MAIL (As Per Record)	lsdavar@vsnl.com
ADDITIONAL-EMAIL (As Per Record)	davar@cal2.vsnl.net.in
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	12/10/2018

### Application Status

APPLICATION STATUS	<b>Application Published</b>
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**Application Details**

APPLICATION NUMBER	201841024721
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	03/07/2018
APPLICANT NAME	<b>Dr.M.A. JABBAR</b>
TITLE OF INVENTION	ACCIDENT SURAKSHA (CRASH REPORTER)
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	
ADDITIONAL-EMAIL (As Per Record)	Jabbar.meerja@gmail.com
E-MAIL (UPDATED Online)	
PRIORITY DATE	NA
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	20/07/2018

**Application Status**

APPLICATION STATUS	<b>Application Published</b>
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**VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD**  
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**PATENTS FILED**

S No	Name of the Inventor(s)	Dept	Patent Title	Ref. No.	Date
1.	Dr. N. Srujana	Civil	A NOVEL CODE FOR THE ANALYSIS OF DYNAMIC BEHAVIOR OF ANCHORED STRUCTURES TO EARTHQUAKE EXCITATIONS	201841037721	05-10-2018
2.	Dr. S. Janardhana Rao Dr. P. Rama Devi Dr. Ch. Subrahmanyam Dr. M. Narayana & Dr. Seelam Sai Satyanarayana Reddy	ECE	AN ARTIFICIAL INTELLIGENCE (AI) AND INTERNET OF THING (IOT) BASED AUTOMATED AGRICULTURE SYSTEM AND METHOD OF MONITORING	201841035375	19-09-2018
3.	Dr. R. Murali Prasad Dr. GAE Satish Kumar Ms. C. Padmini Mr. J. Krishna Chaitanya & Dr. S. Sai Satyanarayana Reddy	ECE	A SYSTEM AND METHOD FOR VEHICLE SPEED CONTROL	201841025962	12-07-2018
4.	Mrs. M. Lavanya & Dr. JVR Ravindra	ECE	COMPACT LOW POWER AND HIGH SPEED 5:2 COMPRESSOR	201841017425	09-05-2018
5.	Dr. Velagandula Anandam Mr. Shrawan Kumar Dr. Husnabad Venkateswara Reddy Dr. Merugu Gopichand Dr. Ramesh Laxmanrao Shahabadkar & Dr. Seelam Sai Satyanarayana Reddy	CSE	SYSTEM AND METHOD FOR CONTROLLING THE TRAFFIC BASED ON MACHINE LEARNING (ML)	201841001351	12-01-2018
6.	Dr. P. Sarah	H&S (PHYSICS)	A NOVEL PROCESS FOR SYNTHESIZING HIGH TEMPERATURE LEAD-FREE PIEZOCERAMICS.	201741000499	05-01-2017
7.	Dr. JVR Ravindra & Ms. Srimai Inapurapu	ECE	A GRAPHICS COMPATIBLE ADDER (GCA) FOR DIGITAL SIGNAL PROCESSING	201641001617	16-01-2016

## Annexure - IX

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Controller General of Patents, Designs & Trade  
Marks

G.A.R.6  
[See Rule 22(1)]  
RECEIPT



Docket No 72273

Date/Time 2018/10/05 14:16:58

To  
VAID SAURABH

UserId: saurabh@

L. S. DAVAR & CO., 5/1, 1st Floor, Kalkaji  
Extension, New Delhi

## CBR Detail:

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Remarks
1	201841037721	TEMP/E-1/41003/2018-CHE	8000	28330	FORM 1	A method for the analysis of dynamic behavior of anchored structures to earthquake excitations

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0000421887	Online Bank Transfer	02806340510201850342	8000.00	1475001020000001

Total Amount : ₹ 8000

Amount in Words: Rupees Eight Thousand Only

Received from VAID SAURABH the sum of ₹ 8000 on account of Payment of fee for above mentioned Application/Forms.

\* This is a computer generated receipt, hence no signature required.

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Controller General of Patents, Designs & Trade  
Marks

G.A.R.6  
[See Rule 22(1)]  
RECEIPT



Docket No 68077

Date/Time 2018/09/19 21:06:46

To  
Bency Varghese

UserId: bency123

#105, Sai Nandana Presidency, 5th main  
road, 11th Cross, Vijaya Bank Layout,  
Bilekhalalli, Bannerghatta Road

## CBR Detail:

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Remarks
1	201841035375	TEMP/E-1/38576/2018-CHE	8000	26562	FORM 1	AN ARTIFICIAL INTELLIGENCE (AI) AND INTERNET OF THING (IOT) BASED AUTOMATED AGRICULTURE SYSTEM AND M

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0000416636	Online Bank Transfer	02806341909201851158	8000.00	1475001020000001

Total Amount : ₹ 8000

Amount in Words: Rupees Eight Thousand Only

Received from Bency Varghese the sum of ₹ 8000 on account of Payment of fee for above mentioned Application/Forms.

\* This is a computer generated receipt, hence no signature required.

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**DETAILS OF EXTERNALLY FUNDED R&D PROJECTS FOR THE YEAR 2018-2019**

**List of R&D Projects Sanctioned during 2018-2019:**

S No.	Title of Project	Funding Agency	Principle Investigator & Co- Investigator	Grant (in Rs. Lakhs)
1.	Research and development of smart, secure, scalable, resilient and adaptive cyber-physical power system (S3RA-CPPS)	DST	PI: Dr. D. Raman (IITD Collaboration Dr B K Panigrahi) Co-Pis: Dr. B. Bruhadeshwar Mr. N. Hanuman Reddy Dr. S. Sai Satyanarayana Reddy	<b>Total Value:</b> 400.00 <b>Institution Module:</b> 36.84
2.	Identification and Assessment of Factors Contributing to the Return and Success of Indian High-Tech Talent back to Indian Global Cities	DST- NSTMIS	Dr G V Krishna Reddy Dr S Sai Satyanarayana Reddy	30.57
3.	Assessing the Impact of Doctoral Program in Science & Technology on Career Outlook and Stimulating High-Impact Research	DST- NSTMIS	Dr V Sreehari Dr S Sai Satyanarayana Reddy	29.34
4.	Design and development of low power – low cost monitoring system for arrhythmia in elderly and young adults	DST-TIDE	Prof. Y. Pandu Rangaiah Mr. J Krishna Chaithanya Dr. P Sridhar Reddy	58.11
5.	Development of IoT devices for upgrading existing SCADA systems to smart grids (Power utilities)	DST	Dr. D Raman Mr. N. Hanuman Reddy	25.00

**List of R&D Projects Completed during 2018-2019:**

S No.	Title of Project	Funding Agency	Principle Investigator & Co- Investigator	Grant (in Rs. Lakhs)
1.	Dynamic Parallelization of Pointer Based Sequential Programs	DST - WOS- A	PI:Ms. N. Naga Maruthi, Mentor: Dr. Sagar Gujjunoori	20.68
2.	Income Generation and Food Security through Vegetable Based Farming Systems and Entrepreneurship Development for Rural Women of Shamshabad Mandal, Rangareddy District, Telangana	DST - SEED	Dr. K. Malla Reddy Dr. B. Chandra Sekhar Rao	68.62
3.	Dynamic Scheduling Methods for Heterogenous, Uniform Instruction Set Many-Core Systems	DST - WOS- A	PI: Ms. K. Sravanthi, Mentor: Dr. S. Sai Satyanarayana Reddy	22.60

**List of Projects Applied during 2018-2019:**

<b>S No.</b>	<b>Title of Project</b>	<b>Funding Agency</b>	<b>Principle Investigator &amp; Co-Investigator</b>	<b>Grant (in Rs. Lakhs)</b>
1.	Cognitive Assessment of Virtual Reality for Medical Applications	DST - CSRI	Dr Ramesh Shahabadkar Dr. P Sridhar Reddy Mr. S. Venu Gopal	45.84
2.	A Partial Visible Vehicle Detection System to Ensure Smart Mobility	DST - SERB (ECR)	Dr. V. Mini Sekhar	33.44
3.	Study and Development of Laser Welding Technology for Producing Fatigue and Corrosion Resistant Bonds of Shape Memory Alloys	DST - SERB (ECR)	Dr. S. VenuKumar	36.09
4.	Design and Implementation of Non-Orthogonal Interleaved Based Parallel Interference Cancellation Architecture for Interleave Division Multiple Access – 5G Communication Systems	DST - SERB (ECR)	Dr. M. Naresh Kumar	1.92
5.	Strength and Durability Characteristics of no Cement Concrete using Sodium Silicate Solution	DST - SERB (ECR)	Dr. G. Mallikarjuna Rao	21.30
6.	Bibliometric study of Paradigms to Stimulating Research through University – Industry Partnerships in India	DST-NSTMIS	Mr. S. Rajendar Mr. M. Nagarjuna	50.07
7.	An Algorithmic Historiographical Approach for Synthesizing Knowledge on Drone Technology in India – A Bibliometric study	DST-NSTMIS	Mr. J. Krishna Chaithanya Prof. Y. Pandu Rangaiah	53.81
8.	Characterizing the Scope, Opportunities, Challenges Future Trends in Technology Entrepreneurship Education in India	DST-NSTMIS	Dr. V. Munisekhar Dr. S. Nageswr Rao	43.69
9.	Deep Learning based Pest and Weed Detection in Agriculture Field and Local application of pesticides using Mulicopter	DST-SERB	Dr. M. Narayana	50.00

Sanction order

Subject: Financial support for project entitled "Research and development of smart, secure, scalable, resilient and adaptive cyber-physical power system (S3RA-CPPS)" by PI Dr. D. Raman, Vardhaman College of Engineering, Hyderabad - 500018.

With reference to the Sanction Order No. DST/CERI/MI/SG/2017/110 (IITD) (G) dated 20-08-2018 Sanction of the President is hereby accorded to the above-mentioned project at a total cost of Rs.36,83,600/- (Rupees thirty six lakh eighty three thousand six hundred only) with break-up of Rs. 2,00,000/- under Capital head and Rs. 34,83,600/- under General head for 36 months is sanctioned to Vardhaman College of Engineering, Hyderabad – 500018 under General head for a duration of 36 months. The items of expenditure for which the total allocation of Rs.36,83,600/- has been approved for a period of 36 months are given below:

2. The following budget is proposed based on quotations for PE and salary norms of project staff:

Sl.No.	Sanction head	1st Year	2nd Year	3rd year	Total
<b>A</b>	<b>Non-recurring (Capital Items) Budget Head 3425.60.200.70.00.35</b>				
I	Pmt Equipment	Rs.2,00,000	Rs.0	Rs.0	Rs.2,00,000
Equipment Details: 1. Server with Desktop (1 No.)					
	<b>Total (Capital)</b>	<b>Rs.2,00,000</b>	<b>Rs.0</b>	<b>Rs.0</b>	<b>Rs.2,00,000</b>
<b>B</b>	<b>Recurring (General) Budget Head 3425.60.200.70.00.31</b>				
I	Man Power	Rs.7,80,000	Rs.7,80,000	Rs.8,73,600	Rs.24,33,600
Man Power Details: Two JRF @ Rs.25,000/25,000/28,000 + 30% HRA					
II	Consumables	Rs.1,00,000	Rs.1,75,000	Rs.1,75,000	Rs.4,50,000
III	Contingency	Rs.50,000	Rs.50,000	Rs.50,000	Rs.1,50,000
IV	Travel (Domestic)	Rs.50,000	Rs.50,000	Rs.50,000	Rs.1,50,000
V	Over Heads	Rs.1,00,000	Rs.1,00,000	Rs.1,00,000	Rs.3,00,000
	<b>Total(General)</b>	<b>Rs.10,80,000</b>	<b>Rs.11,55,000</b>	<b>Rs.12,48,600</b>	<b>Rs.34,83,600</b>
<b>C</b>	<b>Grand Total</b>	<b>Rs.12,80,000</b>	<b>Rs.11,55,000</b>	<b>Rs.12,48,600</b>	<b>Rs.36,83,600</b>

3. The sanction of the President is also accorded to the release of Rs.10,80,000/- (Rupees ten lakh eighty thousand only) to Vardhaman College of Engineering, Hyderabad - 500018 being the first installment of grant under "General Component" for implementation of the above mentioned project.

*Boke*

4. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the Proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
5. The grantee organisation will have to enter & upload the Utilization Certificate in the PI MS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the FFMS.
6. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.
7. The grant-in-aid being released is subject to the condition that
  - (a) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organisation under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organisation immediately on receipt of the grant:
  - (b) While submitting Utilization Certificate/Statement of Expenditure, the organisation has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
8. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2018-19 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/Utilization Certificate for considering subsequent release of grant/closure of project accounts".
9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
10. In case the scheme provides for payment of honorarium / remuneration / fellowship / scholarship to the PI, a Para may suitably be incorporated in the DSO to the effect that "PI is not drawing any emoluments/ salary/fellowship from any other project either supported by DST or by any other funding agency.
11. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
14. The expenditure involved is debit to
 

Demand No.84, Department of Science & Technology for the year 2018-19:	
3425	: Other Scientific Research (Major Head)
60	: Others
60.200	: Assistance to Other Scientific Bodes (Minor Head)
70	: Innovation, Technology Development and Deployment
70.00.31	: Grants-in-aid General for the year 2018-19 (Plan)
	(Previous: TDP-TMD-3425.60.200.26.01.31)

15. The amount **Rs.10,80,000/- (Rupees ten lakh eighty thousand only)** to **The Pricipal, Vardhaman College of Engineering, Hyderabad – 500018** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the following as per the details given below:

1.	Name of the Account Holder	<b>VARDHAMAN COLLEGE OF ENGINEERING</b>
2.	Name of the Bank	<b>Central bank of India, Shamshabad Branch MNR Complex, Gr. Fl, Plot No 35&amp;36, Beside Bustand, P.O, Shamshabad, Dist-Ranga Reddy, Telangana-501218</b>
3.	Bank Account Number	<b>1948107542</b>
4.	IFSC Code	<b>CBIN0283538</b>

16. As per Rule 234 of GFR 2017, this sanction has been entered at S. No ..... in the register of grants maintained in the Division for the scheme Technology Development Programme.

17. This issues with the concurrence of IFD Vide their Concurrence Dy. No. **2199 Dated 20-08-2018.**

  
(JBV Reddy)  
Scientist 'D'

To,

The Pay and Accounts Officer  
Department of Science and Technology  
New Delhi-110 016

Copy for information and necessary action to:

1. Cash Section (3 copies) for preparing the bill and remitting the amount to the above grantee.
2. Accounts Section, DST, New Delhi.
3. IFD, DST, New Delhi.
4. The Director of Audit, III Floor, AGCR Building, IP Estate, New Delhi
5. **Dr. D. Raman,**  
Vardhaman College of Enginnering,  
Shamshabad, Hyderabad – 500018.
6. **The Principal**  
Vardhaman College of Enginnering,  
Shamshabad, Hyderabad – 500018
7. **Prof. Bijaya Ketan Panigrahi,**  
Department of Electrical Engineering,  
Indian Institute of Technology Delhi,  
Hauz Khas, New Delhi - 110016
8. **The Registrar**  
Indian Institute of Technology Delhi,  
Hauz Khas, New Delhi - 110016
9. Master File
10. Office Copy
11. Head, TMD (E&W)
12. FICCI Cell

  
(JBV Reddy)  
Scientist 'D'

**ORDER**

**Sub:** Financial approval of the project under National Science and Technology Management Information System (NSTMIS) Scheme entitled "**Identification and assessment of factors contributing to the return and success of Indian high-tech talent back to Indian global cities**"

**PI:** Dr G Venkata Krishna Reddy, Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad-501218, Telangana.

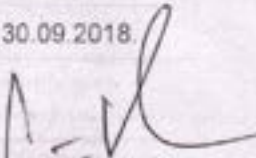
Sanction of the President is here by accorded to the above mentioned project at a total cost of **Rs 30,57,000/-** (Rupees Thirty Lac Fifty Seven Thousand only) for a duration of Three years. The items of expenditure for which the total allocation of **Rs 30,57,000/-** has been approved for Three years are given below:

Sl. No.	Heads	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
A.	Computer (2) with accessories, Software	3,00,000/-			3,00,000/-
B.	Fellowship Project Assistant- 2@ Rs 22,000/- (Consolidated)	5,28,000/-	5,28,000/-	5,28,000/-	15,84,000/-
C.	Consumables	2,00,000/-	1,50,000/-	1,50,000/-	5,00,000/-
D.	Other Costs (Including LPAC meeting)	90,000/-	80,000/-	80,000/-	2,50,000/-
E.	Travel	50,000/-	50,000/-	50,000/-	1,50,000/-
F.	Overhead	1,11,400/-	80,800/-	80,800/-	2,73,000/-
G.	<b>GRAND TOTAL</b>	<b>12,79,400/-</b>	<b>8,88,800/-</b>	<b>8,88,800/-</b>	<b>30,57,000/-</b>

2. Overhead expenses are meant for the host institute towards the cost for providing infrastructure facilities and benefits to the staff engaged in the project, etc.
3. Sanction of the grant is subject to the conditions as detailed in website [www.dst.gov.in](http://www.dst.gov.in)
4. Sanction of the President is accorded to the payment of **Rs 12,79,400/- (Rupees Twelve Lac Seventy Nine Thousand Four Hundred only)** under 'Grant-in-aid General' to the **Principal, Vardhaman College of Engineering, Hyderabad-501218, Telangana** being first instalment of grant for the year 2018-2019 for implementation of the said research project.
5. The Grantee Institute (GI) will maintain separate audited as per GFR 2017 Rule 230 (B) account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during FY 2017-2018 and onwards interest and other earnings, against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of expenditure/utilization certificate for considering subsequent release of grant/closure of project accounts. GI should also follow Rule 230 (17) of GFR 2017.
6. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
7. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
8. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

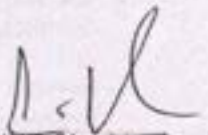
Contd. 2

9. The grant-in-aid being released is subject to the condition that
- (a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
- (b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grant under the project shall be considered only on receipt of the said document.
10. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C& AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
12. Principal Investigator (PI) is directed to acknowledge "research grant" in all publications emerging out of this particular project. For example, "Authors acknowledge Department of Science and Technology, Government of India for financial support vide Reference No. .... under NSTMIS to carry out this work."
13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
14. The expenditure involved is debitable to Demand No.84, Department of Science & Technology for the year 2018-19.
- |          |  |
|----------|--|
| 3425     | Other Scientific Research (Major Head)                         |
| 60       | Others (Sub-major Head)  |
| 60.200   | Assistance to other Scientific Bodies (Minor Head)             |
| 68       | Science & Technology Institutional and Human Capacity Building |
| 68.00.31 | Grants-in-aid General for the year 2018-19                     |
|          | (Previous: Policy Research Cell 3425.60.200.54.01.31)          |
15. The amount of **Rs 12,79,400/- (Rupees Twelve Lac Seventy Nine Thousand Four Hundred only)** as recurring grant will be drawn by the Drawing and Disbursing Officer of the Department of Science & Technology and will be disbursed to the **Principal, Vardhaman College of Engineering, Hyderabad-501218, Telangana** by means of electronic transfer as per the details given below:
- Institute Name : Vardhaman College of Engineering, Hyderabad  
 Bank Name : Central Bank of India  
 Account No : 3635352393  
 Branch : Gudimalkapuram  
 IFSC Code : CBIN0283538
16. **The NGO DARPAN Portal Unique Id of Host Institute is TS/2016/0111361.**
17. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 41 in the register of grants maintained in the **CHORD division**
18. This issues with the concurrence of IFD Vide their Concurrence Dy.No./3149/2018-19 dated 30.09.2018.

  
 (HB Singh)  
 Scientist-E

Copy forwarded for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the DDO, DST Cash Section.
3. The Principal, Vardhaman College of Engineering, Hyderabad-501218, Telangana.
4. Dr G Venkata Krishna Reddy, Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad-501218, Telangana.
5. Pay & Accounts Officer, DST, New Delhi.
6. Accounts Section, DST, New Delhi.
7. Sanction Folder
8. IFD, DST, New Delhi.

  
 (HB Singh)  
 Scientist-E



**ORDER**

**Sub:** Financial approval of the project under National Science and Technology Management Information System (NSTMIS) Scheme entitled "**Assessing the impact of doctoral program in science & technology on career outlook and stimulating high-impact research**"

**PI:** Dr V Sreehari, Professor, Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad-501218, Telangana

Sanction of the President is here by accorded to the above mentioned project at a total cost of **Rs 29,34,000/-** (Rupees Twenty Nine Lac Thirty Four Thousand only) for a duration of Three years. The items of expenditure for which the total allocation of **Rs 29,34,000/-** has been approved for Three years are given below.

Sl. No.	Heads	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
A.	Computer (2) with accessories, Software	1,50,000/-	----	----	1,50,000/-
B.	Fellowship: Project Assistant- 2@ Rs 22,000/- (Consolidated)	5,28,000/-	5,28,000/-	5,28,000/-	15,84,000/-
C.	Consumables	2,00,000/-	2,00,000/-	2,00,000/-	6,00,000/-
D.	Other Costs (Including LPAC meeting)	70,000/-	70,000/-	60,000/-	2,00,000/-
E.	Travel	50,000/-	60,000/-	70,000/-	1,80,000/-
F.	Overhead	80,000/-	70,000/-	70,000/-	2,20,000/-
G.	<b>GRAND TOTAL</b>	<b>10,78,000/-</b>	<b>9,28,000/-</b>	<b>9,28,000/-</b>	<b>29,34,000/-</b>

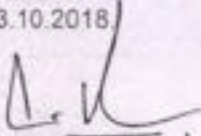
2. Overhead expenses are meant for the host institute towards the cost for providing infrastructure facilities and benefits to the staff engaged in the project, etc.
3. Sanction of the grant is subject to the conditions as detailed in website [www.dst.gov.in](http://www.dst.gov.in).
4. Sanction of the President is accorded to the payment of **Rs 10,78,000/- (Rupees Ten Lac Seventy Eight Thousand only)** under 'Grant-in-aid General' to the **Principal, Vardhaman College of Engineering, Hyderabad-501218, Telangana** being first instalment of grant for the year 2018-2019 for implementation of the said research project.
5. The Grantee Institute (GI) will maintain separate audited as per GFR 2017 Rule 230 (B) account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F/Y 2017-2018 and onwards interest and other earnings, against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of expenditure/utilization certificate for considering subsequent release of grant/closure of project accounts. GI should also follow Rule 230 (17) of GFR 2017.
6. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
7. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
8. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

Contd. 2

9. The grant-in-aid being released is subject to the condition that
- (a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
- (b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grant under the project shall be considered only on receipt of the said document.
10. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C& AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
12. Principal Investigator (PI) is directed to acknowledge "research grant" in all publications emerging out of this particular project. For example, "Authors acknowledge Department of Science and Technology, Government of India for financial support vide Reference No. .... under NSTMIS to carry out this work."
13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
14. The expenditure involved is debitable to Demand No.84, Department of Science & Technology for the year 2018-19:


3425	Other Scientific Research (Major Head)
60	Others (Sub-major Head)
60.200	Assistance to other Scientific Bodies (Minor Head)
68	Science & Technology Institutional and Human Capacity Building
68.00.31	Grants-in-aid General for the year 2018-19
	(Previous: Policy Research Cell 3425 60.200 54.01.31)

15. The amount of Rs 10,78,000/- (Rupees Ten Lac Seventy Eight Thousand only) as recurring grant will be drawn by the Drawing and Disbursing Officer of the Department of Science & Technology and will be disbursed to the **Principal, Vardhaman College of Engineering, Hyderabad-501218, Telangana** by means of electronic transfer as per the details given below:
- Institute Name : Vardhaman College of Engineering, Hyderabad  
 Bank Name : Central Bank of India  
 Account No : 3635352393  
 Branch : Gudimalkapuram  
 IFSC Code : CBIN0283538
16. **The NGO DARPAN Portal Unique Id of Host Institute is TS/2016/0111361.**
17. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 49 in the register of grants maintained in the **CHORD division**
18. This issues with the concurrence of IFD Vide their Concurrence Dy.No /3414/2018-19 dated 23.10.2018.

  
 (HB Singh)  
 Scientist-E

Copy forwarded for information and necessary action to:-

1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
2. Copy with two spare copies of the sanction to the DDO, DST Cash Section.
3. The Principal, Vardhaman College of Engineering, Hyderabad-501218, Telangana.
4. Dr V Sreehari, Professor, Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad-501218, Telangana
5. Pay & Accounts Officer, DST, New Delhi.
6. Accounts Section, DST, New Delhi.
7. Sanction Folder.
8. IFD, DST, New Delhi.

  
 (HB Singh)  
 Scientist-E

**ORDER**

**Sub:** Financial approval of the project under National Science and Technology Management Information System (NSTMIS) Scheme entitled "**Assessing the impact of doctoral program in science & technology on career outlook and stimulating high-impact research**"

**PI:** Dr V Sreehari, Professor, Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad-501218, Telangana

Sanction of the President is hereby accorded to the above mentioned project at a total cost of **Rs 29,34,000/-** (Rupees Twenty Nine Lac Thirty Four Thousand only) for a duration of Three years. The items of expenditure for which the total allocation of **Rs 29,34,000/-** has been approved for Three years are given below:

Sl. No.	Heads	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
A.	Computer (2) with accessories, Software	1,50,000/-	----	----	1,50,000/-
B.	Fellowship: Project Assistant- 2@ Rs 22,000/- (Consolidated)	5,28,000/-	5,28,000/-	5,28,000/-	15,84,000/-
C.	Consumables	2,00,000/-	2,00,000/-	2,00,000/-	6,00,000/-
D.	Other Costs (Including LPAC meeting)	70,000/-	70,000/-	60,000/-	2,00,000/-
E.	Travel	50,000/-	60,000/-	70,000/-	1,80,000/-
F.	Overhead	80,000/-	70,000/-	70,000/-	2,20,000/-
G.	<b>GRAND TOTAL</b>	<b>10,78,000/-</b>	<b>9,28,000/-</b>	<b>9,28,000/-</b>	<b>29,34,000/-</b>

2. Overhead expenses are meant for the host institute towards the cost for providing infrastructure facilities and benefits to the staff engaged in the project, etc.

3. Sanction of the grant is subject to the conditions as detailed in website [www.dst.gov.in](http://www.dst.gov.in).

4. Sanction of the President is accorded to the payment of **Rs 10,78,000/- (Rupees Ten Lac Seventy Eight Thousand only)** under 'Grant-in-aid General' to the **Principal, Vardhaman College of Engineering, Hyderabad-501218, Telangana** being first installment of grant for the year 2018-2019 for implementation of the said research project.

5. The Grantee Institute (GI) will maintain separate audited as per GFR 2017 Rule 230 (B) account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F/Y 2017-2018 and onwards interest and other earnings, against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with statement of expenditure/utilization certificate for considering subsequent release of grant/closure of project accounts. GI should also follow Rule 230 (17) of GFR 2017.

6. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

7. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

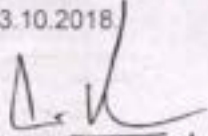
8. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

Contd. 2

- 9. The grant-in-aid being released is subject to the condition that.
  - (a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/ Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.
  - (b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grant under the project shall be considered only on receipt of the said document.
- 10. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
- 11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C& AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
- 12. Principal Investigator (PI) is directed to acknowledge "research grant" in all publications emerging out of this particular project. For example, "Authors acknowledge Department of Science and Technology, Government of India for financial support vide Reference No. .... under NSTMIS to carry out this work."
- 13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
- 14. The expenditure involved is debit to Demand No.84, Department of Science & Technology for the year 2018-19:

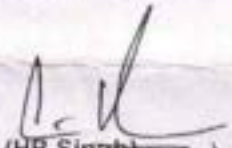
3425	Other Scientific Research (Major Head)
60	Others (Sub-major Head)
60.200	Assistance to other Scientific Bodies (Minor Head)
68	Science & Technology Institutional and Human Capacity Building
68.00.31	Grants-in-aid General for the year 2018-19
	(Previous: Policy Research Cell 3425.60.200.54.01.31)

- 15. The amount of **Rs 10,78,000/- (Rupees Ten Lac Seventy Eight Thousand only)** as recurring grant will be drawn by the Drawing and Disbursing Officer of the Department of Science & Technology and will be disbursed to the **Principal, Vardhaman College of Engineering, Hyderabad-501218, Telangana** by means of electronic transfer as per the details given below:
  - Institute Name : Vardhaman College of Engineering, Hyderabad
  - Bank Name : Central Bank of India
  - Account No : 3635352393
  - Branch : Gudimalkapuram
  - IFSC Code : CBIN0283538
- 16. **The NGO DARPAN Portal Unique Id of Host Institute is TS/2016/0111361.**
- 17. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. **49** in the register of grants maintained in the **CHORD division**
- 18. This issues with the concurrence of IFD Vide their Concurrence Dy No./**3414/2018-19** dated 23.10.2018

  
 (HB Singh)  
 Scientist-E

Copy forwarded for information and necessary action to:-

- 1. The Director of Audit (CW & M-II), AGCR Building, IP Estate, New Delhi-110 002.
- 2. Copy with two spare copies of the sanction to the DDO, DST Cash Section.
- 3. The Principal, Vardhaman College of Engineering, Hyderabad-501218, Telangana
- 4. Dr V Sreehari, Professor, Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad-501218, Telangana
- 5. Pay & Accounts Officer, DST, New Delhi.
- 6. Accounts Section, DST, New Delhi.
- 7. Sanction Folder
- 8. IFD, DST, New Delhi.

  
 (HB Singh)  
 Scientist-E

No. SEED/TIDE/2018/61/G  
Government of India  
Department of Science and Technology  
Science for Equity Empowerment and Development Division

Technology Bhavan  
New Mehrauli Road  
New Delhi - 110 016.

14/01/2019

**ORDER**

Sub: Financial assistance for the project "Design and development of low power - low cost monitoring system for arrhythmia in elderly and young adults" submitted by Dr. Y Pandu Rangaiah, Department of Electronics and Communication Engineering, Vardhaman College of Engineering, Hyderabad - 501 218.

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of Rs. 68,71,706/- (Rupees Sixty Eight Lakh Seventy One Thousand Seven Hundred Six only) for a period of 3 (three) years. The detailed breakup of the grant for general and capital components are given below.

General Component	Rs.46,27,506/-
Capital Assets	Rs.22,44,200/-
<b>TOTAL</b>	<b>Rs.68,71,706/-</b>

2. The items of expenditure for which total allocation of Rs. 68,71,706/- (Rupees Sixty Eight Lakh Seventy One Thousand Seven Hundred Six only) has been approved are given below.

BUDGET HEADS		1 <sup>st</sup> Year (in Rs.)	2 <sup>nd</sup> Year (in Rs.)	3 <sup>rd</sup> Year (in Rs.)	Total (in Rs.)
<b>MANPOWER</b>					
1.	JRF-I (ECE) - PG in Engineering/ UGC NET/GATE qualified @ Rs.25,000/-+ 30% HRA per month for 1 <sup>st</sup> & 2 <sup>nd</sup> year and Rs.28,000/-+30% HRA per month for 3 <sup>rd</sup> year	3,90,000	3,90,000	4,36,800	12,16,800
2.	JRF-II (Biomedical Engineering) - PG in Engineering/ UGC NET/GATE qualified @ Rs.25,000/-+ 30% HRA per month for 1 <sup>st</sup> & 2 <sup>nd</sup> year and Rs.28,000/-+30% HRA per month for 3 <sup>rd</sup> year	3,90,000	3,90,000	4,36,800	12,16,800
3.	Project Assistant (01) @ Rs.22,000/- per month	2,64,000	2,64,000	2,64,000	7,92,000
<b>CONSUMABLES</b>					
1.	Consumables	1,67,302	1,67,302	1,67,302	5,01,906
<b>TRAVEL (as per norms)</b>					
1.	Project logistics	50,000	50,000	50,000	1,50,000
2.	Field activities				

*(Signature)*

3.	DST review meetings				
<b>TRAININGS</b>					
1.	Training in biomedical aspects, experimental development of physical Prototype etc.	1,00,000	1,00,000	1,00,000	3,00,000
<b>SUB TOTAL</b>		<b>13,61,302</b>	<b>13,61,302</b>	<b>14,54,902</b>	<b>41,77,506</b>
<b>OVERHEADS</b>					
1.	Institutional overheads	1,00,000	1,00,000	1,00,000	3,00,000
<b>CONTINGENCIES</b>					
1	Contingencies	50,000	50,000	50,000	1,50,000
<b>TOTAL</b>		<b>15,11,302</b>	<b>15,11,302</b>	<b>16,04,902</b>	<b>46,27,506</b>
<b>EQUIPMENT</b>					
<b>B. CAPITAL ASSETS</b>					
1.	Fabrication of prototype –10 prototypes	6,47,840	--	--	6,47,840
2.	ECG HOLTER ECGH 300 (5 nos)	5,01,000	--	--	5,01,000
3.	Drona Carvy Plus – 3D Printer	3,48,100	--	--	3,48,100
4.	CPR/Stat/Centraline Mannequin (Central Venous Cannulation Simulator) (2 nos)	4,63,000	--	--	4,63,000
5.	DELL Inspiron 3268 New 2017 Desktop (2 nos)	1,34,260	--	--	1,34,260
6.	AMPS Antares software	1,50,000	--	--	1,50,000
<b>TOTAL (B)</b>		<b>22,44,200</b>	<b>--</b>	<b>--</b>	<b>22,44,200</b>
<b>GRAND TOTAL (A+B)</b>		<b>37,55,502</b>	<b>15,11,302</b>	<b>16,04,902</b>	<b>68,71,706</b>

3. The sanction of the President is also accorded to the release of Rs.15,11,302/- (Rupees Fifteen Lakh Eleven Thousand Three Hundred and Two Only) to Vardhaman College of Engineering, Hyderabad - 501218 being the first installment of grant under "General Component" for implementation of the above mentioned project.

4. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

5. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

6. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant

7. The grant-in-aid being released is subject to the condition that  
(a) a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organisation under the appropriate rules of the grantee organisation

while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organisation immediately on receipt of the grant:

(b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

8. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e., [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in)), immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/Utilization Certificate for considering subsequent release of grant/closure of project accounts.

9. The grantee Institution or Organization should make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India if it (a) employs more than twenty persons on a regular basis and at least fifty per cent of its recurring expenditure is met from Grants-in-aid from Central Government; and (b) the body is a registered society or a co-operative institution and is in receipt of a general purpose annual Grants-in-aid of Rupees Twenty Lakh and above from the Consolidated Fund of India

10. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

12. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.

13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

14. The NGO was registered at the NGO Darpan Portal and the Unique Id is AP/2016/0111361.

15. The investigators should employ EAT Module in PFMS.

16. The expenditure involved will be debitible to Demand No.84

Major Head 3425	-	Other Scientific Research
60	-	Others
60.200	-	Assistance to Other Scientific Bodies
70	-	Innovation Technology Development and Deployment
70.00.31	-	Grant-in-aid (General) for the year 2018 – 2019

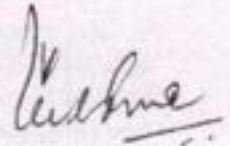
(Previous: Science and Society programmes -3425.60.200.08.11.31)

17. The amount Rs.15,11,302/- (Rupees Fifteen Lakh Eleven Thousand Three Hundred and Two Only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to Vardhaman College of Engineering, Hyderabad – 501 218 . The bank details for electronic transfer of funds through RTGS are given below:

1. Name of the Account Holder: Vardhaman College of Engineering
2. Name of the Bank: Central Bank of India
3. Bank Account number: 1948107542
4. IFSC Code: CBIN0283538
5. MICR Code: 500016036

18. As per Rule 234 of GFR 2017, this sanction has been entered at S. No.139 in the register of grants maintained in the Division for the scheme.

19. This issues with the concurrence of IFD Vide their Concurrence Diary No. C/4656/IFD/2018-2019 dated 09/01/2019.



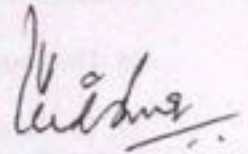
(Konga Gopikrishna)  
Scientist – 'E'  
Tel. No. 26590298

To

The Pay and Accounts Officer  
Department of Science and Technology  
New Delhi.

Copy for information and necessary order to:

1. Cash Section (2 copies) for making the payment to the grantee.
2. Account Section.
3. Director of Audit, (Scientific Deptt.) AGCR Building, New Delhi – 110 002.
4. IFD, DST, New Delhi
5. Sanction Folder
6. Head (SEED)
7. Dr. Y Pandu Rangaiah, Department of Electronics and Communication Engineering, Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad – 501 218 (Telangana State).
8. The Principal, Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad – 501 218 (Telangana State).



(Konga Gopikrishna)  
Scientist – 'E'  
Tel. No. 26590298



**No. SEED/TIDE/2018/61/C**  
**Government of India**  
**Department of Science and Technology**  
**Science for Equity Empowerment and Development Division**

**Technology Bhavan**  
**New Mehrauli Road**  
**New Delhi – 110 016.**

14/01/2019

**ORDER**

Sub: Financial assistance for the project "Design and development of low power – low cost monitoring system for arrhythmia in elderly and young adults"

In continuation to this Department's Sanction Order of even number dated 14/01/2019, sanction of the President is hereby accorded for releasing an amount of Rs.22,44,200/- (Rupees Twenty Two Lakh Forty Four Thousand and Two hundred Only) to Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad – 501 218 for purchase of equipment for project implementation under the head "Creation of Capital Assets". The organization should utilize the funds for which it has been sanctioned during the implementation of the project. The details of the equipment to be procured are given below.

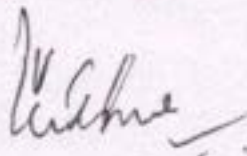
CAPITAL ASSETS (EQUIPMENT)		1 <sup>st</sup> year (Rs)	Total (Rs)
1.	Fabrication of prototype –10 prototypes	6,47,840	6,47,840
2.	ECG HOLTER ECGH 300 (5 nos)	5,01,000	5,01,000
3.	Drona Carvy Plus – 3D Printer	3,48,100	3,48,100
4.	CPR/Stat/Centraline Mannequin (2 nos)	4,63,000	4,63,000
5.	DELL Inspiron 3268 New 2017 Desktop (2 nos)	1,34,260	1,34,260
6.	AMPS Antares software	1,50,000	1,50,000
<b>TOTAL</b>		<b>22,44,200</b>	<b>22,44,200</b>

2. The sanction of the President is also accorded to the release of Rs.22,44,200/- (Rupees Twenty Two Lakh Forty Four Thousand and Two Hundred Only) to Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad – 501 218 being the grant under "Capital Component" for implementation of the above mentioned project.

3. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

4. The grantee organisation will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

5. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.



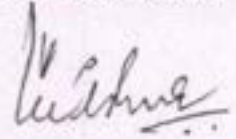
6. The grant-in-aid being released is subject to the condition that
- a transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organisation under the appropriate rules of the grantee organisation while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organisation immediately on receipt of the grant:
  - While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
7. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e., [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in)), immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/Utilization Certificate for considering subsequent release of grant/closure of project accounts.
8. The grantee Institution or Organization should make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by the Government of India if it (a) employs more than twenty persons on a regular basis and at least fifty per cent of its recurring expenditure is met from Grants-in-aid from Central Government; and (b) the body is a registered society or a co-operative institution and is in receipt of a general purpose annual Grants-in-aid of Rupees Twenty Lakh and above from the Consolidated Fund of India
9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
10. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
11. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organisation in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
12. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
13. The NGO was registered at the NGO Darpan Portal and the Unique Id is AP/2016/0111361.
14. The investigators should employ EAT Module in PFMS.
15. The expenditure involved will be debitable to Demand No.84
- |                 |   |  |
|-----------------|---|--|
| Major Head 3425 | - | Other Scientific Research                        |
| 60              | - | Others   |
| 60.200          | - | Assistance to Other Scientific Bodies            |
| 70              | - | Innovation Technology Development and Deployment |
| 70.00.35        | - | Grant-in-aid (Capital) for the year 2018 – 2019  |
- (Previous: Science and Society programmes -3425.60.200.08.11.35)

16. The amount Rs.22,44,200/- (Rupees Twenty Two Lakhs Forty Four Thousand and Two hundred Only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad – 501 218. The bank details for electronic transfer of funds through RTGS are given below:

1. Name of the Account Holder: Vardhaman College of Engineering
2. Name of the Bank: Central Bank of India
3. Bank Account number: 1948107542
4. IFSC Code: CBIN0283538
5. MICR Code: 500016036

17. As per Rule 234 of GFR 2017, this sanction has been entered at S. No. 139 in the register of grants maintained in the Division for the scheme (Name of the Scheme).

18. This issues with the concurrence of IFD Vide their Concurrence Diary No. C/4657/IFD/2018-2019 dated 14/01/2019.



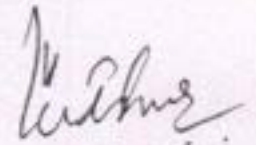
(Konga Gopikrishna)  
Scientist – 'E'  
Tel. No. 26590298

To

The Pay and Accounts Officer  
Department of Science and Technology  
New Delhi.

Copy for information and necessary order to:

1. Cash Section (2 copies) for making the payment to the grantee.
2. Account Section.
3. Director of Audit, (Scientific Deptt.) AGCR Building, New Delhi – 110 002.
4. IFD, DST, New Delhi
5. Sanction Folder
6. Head (SEED)
7. Dr. Y Pandu Rangaiah, Department of Electronics and Communication Engineering, Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad – 501 218 (Telangana State).
8. The Principal, Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad – 501 218 (Telangana State).



(Konga Gopikrishna)  
Scientist – 'E'  
Tel. No. 26590298

**DST/ICPS/CPS-Individual/2018/268(G)**  
 Government of India  
 Ministry of Science & Technology  
 Department of Science & Technology

Technology Bhavan  
 New Mehrauli Road  
 New Delhi- 110 016  
 Dated: 18.12.2018

**ORDER**

**Subject: Financial assistance for the project entitled "Development of IoT devices for upgrading existing SCADA systems to smart grids (Power utilities)" submitted by Dr.Dugyala Raman, Professor, Department of Computer Science & Engineering, Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad-501 218, Telangana.**

Sanction of the President is hereby accorded to the approval of the above mentioned project at a total cost of **₹.21,31,734/-** (Rupees Twenty One Lakh Thirty One Thousand Seven Hundred Thirty Four only) for a duration of three years (36 months). The detailed breakup of the DST grant for General as well as Capital Components are given below:-

General Component: ₹.7,83,794/-  
 Capital Component : ₹.13,47,940/-

2. The sanction of the President is also accorded to the release of **Rs. 3,87,794/-** (Rupees Three Lakh Eighty Seven Thousand Seven Hundred Ninety Four only) under the recurring budget being the first installment of grant under "General Component" for implementation of the above mentioned project. The item of expenditure for which the total allocation of **₹.21,31,734/-** has been approved for a period of 36 months are given below:

**Non-recurring (Capital Items)**

	HEAD	1 <sup>st</sup> Year DST	Total
1.	EQUIPMENT: Launchpad Dev Board For Cc3220sf, Eval Board, Launch Pad Rm46, Cortex-M Prototyping System, Analog Discovery 2 kit, & power system emulation platform.	₹. 13,47,940/-	₹. 13,47,940/-
	TOTAL	₹. 13,47,940/-	₹. 13,47,940/-

**Recurring Items (General-DST component)**

Sl.No	Item	BUDGET (in Rupees)			TOTAL
		1st Year	2nd Year	3 <sup>rd</sup> year	
1	Consumables	100000	50000	50000	200000
2	Travel	50000	50000	50000	150000
3	Other cost (Fabrication)	50000	50000	50000	150000
4	Miscellaneous	30000	30000	30000	90000
	Total	230000	180000	180000	590000
5	Overheads 10%	157794	18000	18000	193794
	Grand Total	<b>387794</b>	<b>198000</b>	<b>198000</b>	<b>783794</b>

3. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited Statement of Expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned/accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

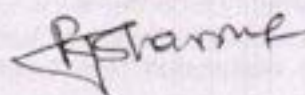
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*R. Thamp*

-2-

4. The grantee organization will have to enter and upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the division and entry of previous Utilization Certificate in the PFMS.
5. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.
6. The grant-in-aid being released is subject to the condition that
  - (a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant:
  - (b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
7. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned/accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate.
8. ***"The grantee organisation will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in)), immediately after finalisation of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure / Utilisation Certificate for considering subsequent release of Grant/ Closure of Project accounts."***
9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GRF 2017), shall not be disposed of without obtaining the prior approval of DST.
10. In case the scheme provides for payment of honorarium/remuneration/fellowships/scholarship to the PI, a para may suitably be incorporated in the DST to the effect that "PI is not drawing any emoluments/salary/fellowship from any other project either supported by DST or by any other funding agency.
11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

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-3-

12. Due acknowledgement of technical support/financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications/media releases as well as in the opening paragraphs of their Annual Reports during and after completion of the project.

13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

14. The overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and benefits to the staff employed in the project etc.

15. The expenditure involved is debitable to Demand No. 84, Department of Science & Technology for the year 2018-19:

3425	:	Other Scientific Research (Major Head)
60	:	Others
60.200	:	Assistance to Other Scientific Bodies (Minor Head)
69	:	Research & Development (S&T).
69.00.31	:	Grants-in-Aid General for the year 2018-19 (Plan)
(Previous:3425.60.200.63.01.31-Super Computing Facility & Capacity Building)		

16. The amount of **Rs. 3,87,794/- (Rupees Three Lakh Eighty Seven Thousand Seven Hundred Ninety Four only)** will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to the Principal, Vardhaman College of Engineering (ICPS-DR), Kacharam, Shamshabad, Hyderabad-501 218, Telangana. The bank details for electronic transfer of funds through RTGS are given below:-

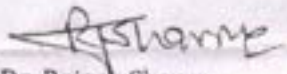
1.	<b>Name of the Account Holder :</b>	<b>Principal, Vardhaman College of Engineering</b>
2.	<b>Name of Bank :</b>	<b>Central Bank of India</b>
3.	<b>Bank Account Number :</b>	<b>3675649547</b>
4.	<b>IFSC Code :</b>	<b>CBIN0283080</b>
5.	<b>MICR Code :</b>	<b>500016022</b>

**NGO Darpan ID with Unique ID: TS/2016/0111361**

17. As per Rule 234 of GFR 2017, this sanction has been entered at Sl.No.37 in the register of grants maintained in the Division for the scheme (Innovation, Technology Development and Deployment).

18. This issues with the concurrence of IFD vide their Concurrence Dy. No. C/4044/IFD/2018-19 dated 13.12.2018.

19. It is certified that all the Utilization Certificate in regard of all schemes/programmes/projects, present and previous pertaining to the institute have been received and no UC is pending against the organization as per the details in the PFMS also.

  
Dr. Rajeev Sharma,  
Scientist-E  
Tele:26590310

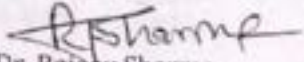
The Pay & Accounts Officer  
Department of Science & Technology  
New Delhi -110 016.

...Contd/-

-4-

Copy for information and necessary action:

1. Cash Section (3 copies) for preparing the bill and remitting the amount to the above grantee.
2. Accounts Section, DST, New Delhi.
3. IFD, DST, New Delhi.
4. Director of audit (CW&M-II) AGCR Building, IP Estate, New Delhi.
5. Principal, Vardhaman College of Engineering , Kacharam, Shamshabad, Hyderabad-501 218, Telangana
6. Dr.Dugyala Raman, Professor, Department of Computer Science & Engineering, Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad-501 218, Telangana.
7. Head, ICPS, DST
8. Sanction folder.

  
Dr. Rajeev Sharma,  
Scientist-E  
Tele:26590310

**DST/ICPS/CPS-Individual/2018/268(C)**  
 Government of India  
 Ministry of Science & Technology  
 Department of Science & Technology

Technology Bhavan  
 New Mehrauli Road  
 New Delhi- 110 016  
 Dated: 18.12.2018

**ORDER**

**Subject: Financial assistance for the project entitled "Development of IoT devices for upgrading existing SCADA systems to smart grids (Power utilities)" submitted by Dr.Dugyala Raman, Professor, Department of Computer Science & Engineering, Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad-501 218, Telangana**

With reference to the Sanction Order No. **DST/ICPS/CPS-Individual/2018/268(G)** dated 18.12.2018, sanction of the President is accorded for the sanctioning of **₹.13,47,940/-** (Rupees Thirteen Lakh Forty Seven Thousand Nine Hundred Forty only) under the 'Grant for creation of capital assets' in the above mentioned project.

2. Sanction of the President is also accorded for the release of **₹.13,47,940/-** (Rupees Thirteen Lakh Forty Seven Thousand Nine Hundred Forty only) towards the Creation of Capital Assets Head for the purchase of equipment's under the project. The details of which is as given under:-

**Non-recurring (Capital Items)**

	HEAD	1 <sup>st</sup> Year DST	Total
1.	EQUIPMENT: Launchpad Dev Board For Cc3220sf, Eval Board, Launch Pad Rm46, Cortex-M Prototyping System, Analog Discovery 2 kit, & power system emulation platform.	₹. 13,47,940/-	₹. 13,47,940/-
	<b>TOTAL</b>	<b>₹. 13,47,940/-</b>	<b>₹. 13,47,940/-</b>

3. This sanction is subject to the condition that the grantee organization will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited Statement of Expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned/accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.

4. The grantee organization will have to enter and upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final installment will be released only after confirmation of the acceptance of the UC by the division and entry of previous Utilization Certificate in the PFMS.

5. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE/UC has to be furnished for the released Capital head grant.

6. The grant-in-aid being released is subject to the condition that

(a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and a certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant.

*[Signature]*

*... Contd/-*



- 2 -

(b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.

7. The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. The interest earned/accrued should be reported to DST (financial year wise) while submitting the Statement of Expenditure/Utilization Certificate.

**8. "The grantee organisation will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing account. For Grants released during F.Y. 2017-18 and onwards, all interests and other earnings against released Grant shall be remitted to Consolidated Fund of India (through Non-Tax Receipt Portal (NTRP), i.e. [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in)), immediately after finalisation of accounts, as it shall not be adjusted towards future release of Grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure / Utilisation Certificate for considering subsequent release of Grant/ Closure of Project accounts."**

9. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GRF 2017), shall not be disposed of without obtaining the prior approval of DST.

10. In case the scheme provides for payment of honorarium/remuneration/fellowships/scholarship to the PI, a para may suitably be incorporated in the DST to the effect that "PI is not drawing any emoluments/salary/fellowship from any other project either supported by DST or by any other funding agency.

11. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

12. Due acknowledgement of technical support/financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications/media releases as well as in the opening paragraphs of their Annual Reports during and after completion of the project.

13. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

14. The expenditure involved is debit to Demand No. 84, Department of Science & Technology for the year 2018-19:

3425	:	Other Scientific Research (Major Head)
60	:	Others
60.200	:	Assistance to Other Scientific Bodies (Minor Head)
69	:	Research & Development (S&T).
69.00.35	:	Grants for creation of Capital Assets for the year 2018-19 (Plan)
		(Previous:3425.60.200.63.01.35-Super Computing Facility & Capacity Building)

15. The amount of ₹13,47,940/- (Rupees Thirteen Lakh Forty Seven Thousand Nine Hundred Forty only) will be drawn by the Drawing and Disbursing Officer, DST and will be disbursed to Principal, Vardhaman College of Engineering (ICPS-DR), Kacharam, Shamshabad,

*Ashwame*

... Contd/-

-3-

Hyderabad-501 218, Telangana. The bank details for electronic transfer of funds through RTGS are given below:-

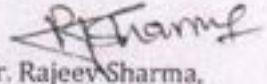
1.	<b>Name of the Account Holder :</b>	<b>Principal, Vardhaman College of Engineering</b>
2.	<b>Name of Bank :</b>	<b>Central Bank of India</b>
3.	<b>Bank Account Number :</b>	<b>3675649547</b>
4.	<b>IFSC Code :</b>	<b>CBIN0283080</b>
5.	<b>MICR Code :</b>	<b>500016022</b>

NGO Darpan ID with Unique ID: TS/2016/0111361

16. As per Rule 234 of GFR 2017, this sanction has been entered at Sl.No. <sup>38</sup> in the register of grants maintained in the Division for the scheme (Innovation, Technology Development and Deployment).

17. This issues with the concurrence of IFD vide their Concurrence Dy. No. C/4043/IFD/2018-19 dated 13.12.2018.

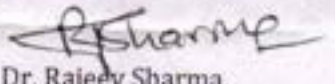
18. It is certified that all the Utilization Certificate in regard of all schemes/programmes/projects, present and previous pertaining to the institute have been received and no UC is pending against the organization as per the details in the PFMS also.

  
Dr. Rajeev Sharma,  
Scientist-E  
Tele:26590310

The Pay & Accounts Officer  
Department of Science & Technology  
New Delhi -110 016.

Copy for information and necessary action:

1. Cash Section (3 copies) for preparing the bill and remitting the amount to the above grantee.
2. Accounts Section, DST, New Delhi.
3. IFD, DST, New Delhi.
4. Director of audit (CW&M-II) AGCR Building, IP Estate, New Delhi.
- ✓ 5. Principal, Vardhaman College of Engineering , Kacharam, Shamshabad, Hyderabad-501 218, Telangana
6. Dr.Dugyala Raman, Professor, Department of Computer Science & Engineering, Vardhaman College of Engineering, Kacharam, Shamshabad, Hyderabad-501 218, Telangana.
7. Head, ICPS, DST
8. Sanction folder.

  
Dr. Rajeev Sharma,  
Scientist-E  
Tele:26590310



**VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD**  
Autonomous institute affiliated to JNTUH

**DETAILS OF AICTE FUNDED PROJECTS FOR THE YEAR 2018-2019**

**List of Ongoing AICTE Funded Projects Sanctioned during 2018-2019:**

S No.	Grant for	Principle Investigator & Co-Investigator	Grant (in Rs. Lakhs)
1.	Modernization of Mechanics of Solids laboratory	Dr. Bhavanasi Subbaratnam	7.94
2.	Skill and Personality Development Programme Centre for SC/ST Students	Dr. S. Sai Satyanarayana Reddy	9.89

**List of AICTE Funded Projects Completed during 2018-2019:**

S No.	Grant for	Principle Investigator & Co-Investigator	Grant (in Rs. Lakhs)
1.	Pedagogical Training for Outcome Based Education	Dr. P. Nageswara Rao	3.00

**List of Applied AICTE Funded Projects during 2018-2019:**

S No.	Grant for	Principle Investigator & Co-Investigator	Grant (in Rs. Lakhs)
1.	Short Term Training Program	Dr. B. Venkatesh	3.99
2.	Research Promotion Scheme	Dr. D. Krishna	18.82
3.	Short Term Training Program	Dr. M. Gopi Chand	3.80
4.	Short Term Training Program	Dr. H. Venkateswara Reddy	4.50
5.	Short Term Training Program	Dr. G. A. E. Satish Kumar	4.85
6.	Short Term Training Program	Dr. Shrivastava Mukul	4.20
7.	Research Promotion Scheme	Dr. Sarila Venu Kumar	23.53
8.	Research Promotion Scheme	Dr. M Naresh	11.23

Date: 4 January 2019

F.No. 9-186 /RIFD/MODROB/Policy-1/2017-18

**All India Council for Technical Education**  
(A Statutory body under Ministry of HRD, Govt. of India)  
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



**MODROBS - Sanction Letter**

To  
The Drawing and Disbursing Officer,  
All India Council for Technical Education,  
Nelson Mandela Marg,  
Vasant Kunj,  
New Delhi - 110070

Sub: Release of a sum of Rs. Six Lakh Thirty Five Thousand Two Hundred/- being the Grant-in-Aid under Modernization and Removal of Obsolescence Scheme (MODROB) for the year 2017-18 payable during the current financial year 2018-19-reg.

Sir,

This is to convey the sanction of the Council for payment of Rs. 635200/- (Rupees Six Lakh Thirty Five Thousand Two Hundred Only) as 1st installment / final payment out of the total approved grant-in-aid of Rs. 794000 for completion of MODROB on Modernization of Mechanics of Solids laboratory in VARDHAMAN COLLEGE OF ENGINEERING RANGAREDDI Pin No - 501218 Telangana, under the Scheme Modernization and Removal of Obsolescence Scheme (MODROB).

- The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the Institute through RTGS.
- This Grant-in-Aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.
- The sanctioned amount is debit to the Major Head 601.4(a) Gen. of the Scheme of Modernization and Removal of Obsolescence Scheme (MODROB) and is valid for payment during the financial year 2018-19.

**The instructions/guidelines to be followed by University/Institution**

**I. Release of funds and maintenance of accounts**

- The Principal of the institute and the Coordinator of the project are requested to verify the correctness of the under mentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released:

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AACFV73 62C	ANDHRA BANK	SHAMSHABAD	R. B. NAGAR SHAMSHABAD HYDRABAD, R.R. DIST, TELANGANA A -501218	PRINCIPAL VARDHAMAN COLLEGE OF ENGINEERING	Saving Account	1410101000 43385	ANDB00 01410

In case of any omission the same should be reported to AICTE immediately.

- The Institute shall strictly follow the provisions laid down in the scheme document and sanction order No. F. No. 9-186 /RIFD/MODROB/Policy-1/2017-18 dated \_\_\_\_\_ issued by this office. All correspondences related to the project must contain this number along with year of sanction of the project; failing which correspondence will not be entertained.

Dated: 4 January 2019

F.No. 9-186 /RIFD/MODROB/Policy-1/2017-18

- c. Funds covered by this grant shall be kept separately and would not be mixed up with other funds.
- d. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure. (list enclosed).
- e. Any change in the equipments recommended/sanctioned shall not be acceptable in any circumstances.
- f. Any expenditure above the sanctioned amount of grant is to be incurred from Institute's own funds.
- g. The institute/University shall not charge any overheads on this project and will provide all the administrative support for completion of the project.
- h. The accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

## II. Disbursement of funds to institutions

- a. The date of release of the grant by AICTE shall be taken as the date of commencement of the project. The Principal / Director / Registrar shall intimate about the receipt of the grant to AICTE. Any expenditure incurred prior to the issuance of the approval letter will not be allowed to be adjusted in the grant and if the Institution / University do not take the project work within one month of the receipt of the grant, the approval shall ipso facto lapse.
- b. After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned project has been started/is in progress.
- c. 100% grant of the sanctioned amount will be released to Government/Govt. Aided institutions. Utilization Certificate (UC) and other requisite documents are to be submitted within one month of the completion of the project.
- d. To self financed/Pvt. Institutions 80% of the sanctioned amount will be released as first installment followed by 20% as reimbursement after receipt of UC and other requisite documents as specified in terms & Conditions of MODROB Scheme.

## III. Submission of documents by university/institution

- a. The following mandatory relevant documents are required to be submitted by the university/institution within one month of the completion of the program :
  - (i) The **Annual Progress Report (APR)** in the prescribed format along with Statement of Expenditure and Audited Utilization Certificate shall be submitted to AICTE not later than one month after completion.
  - (ii) The **Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE immediately after completion of the project. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council.. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address.
  - (iii) **Project Completion Report (PCR)** in the prescribed format along with the copies of invoice/bills for the equipments purchased and copy of stock entry register where entry of the equipments have made duly verified. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council. Photocopies of formats are enclosed.
- b. A complete Status Report of the project indicating the activities undertaken, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
- c. The balance amount of the grant will be reimbursed to the university/institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary institution.
- d. The university/institution is expected to submit the above said mandatory documents viz. Utilization certificate, Expenditure Statement and completion certificate etc. within one month of completion of MODROB project. However, delay of further 2 months may be condoned by AICTE in special circumstances as explained by the institute. Delay in submission of documents after three months of the completion of the MODROB Project shall invite a penalty of 10% of the total sanctioned amount of the MODROB Project, to be deducted from the balance amount of 2nd installment. The entire amount of grant already released, along with interest accrued thereon shall be refunded to AICTE if mandatory documents are not submitted by the institute beyond one year.
- e. **Program Evaluation Committee (PEC)** is required to be constituted at Institutional level. The constitution of the PEC

Dated: 4 January 2019

F.No. 9-186/RIFD/MODROB/Policy-1/2017-18

shall be as under:

- (i) Principal/Director/Registrar of the Institution (Chairperson)
- (ii) Coordinator of the project (Member Secretary),
- (iii) Two HODs and one subject expert (Members).

The members of the said PEC shall not be below the rank of Associate Professor. The minutes of the meetings are to be submitted to the Council at end of the project along with other mandatory documents.

#### IV. General Instructions

- a. The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular project. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the project. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE shall adjust the same in the next installment of grant before its release.
- b. The duration of the project is for two years from the date of release of grant. It may be ensured that the project is completed within the stipulated time. If the project is not completed in time no further extension will be granted in any case and institute has to refund the entire amount to AICTE. The request for reimbursement of 20% of remaining amount in case of private institution shall be made with UC and other related documents in such a way that the entire project is completed in the prescribed period of two years.
- c. If project is not started within six months of the issuance of this Offer Letter, the released amount, along with interest accrued thereon, has to be returned to AICTE, by way of a demand draft in favour of Member Secretary, AICTE, New Delhi.
- d. Any unavoidable circumstantial change in the project with respect to name of Project Coordinator for the MODROB project would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 9-186/RIFD/MODROB/Policy-1/2017-18 in your future correspondence.
- e. The grantee shall maintain an audited record of assets acquired wholly or substantially out of the Grant-in-Aid and a register of assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.
- f. The University / Institute receiving grant under MODROB is expected to put up a plaque at the main entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the project should be super scribed with AICTE project file number.
- g. The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilized for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education and should at any time the institution cease to function, such assets shall revert to the All India Council for Technical Education.
- h. Gol GFR rules should be followed during utilization of grant. URL address <http://doe.gov.in/orders-circular/GFR>.

#### V. List of Equipments approved :

S.No.	Name of Equipment
1.	Fatigue testing Machine

Yours sincerely,

(Dileep N. Malkhede)  
Advisor-I (RIFD)

26 MAR 2019

Copy forwarded for information and necessary action to :-

1. Name and Address of the Coordinator

Dated: 4 January 2019

9-186  
F.No. \_\_\_/RFID/MODROB/Policy-1/2017-18

Dr SUBBARATNAM BHAVANASI  
VARDHAMAN COLLEGE OF ENGINEERING  
KACHARAM(VILLAGE), SHAMSHABAD(MANDAL), HYDERABAD, R.R.DISTRICT - 501213 ANDHRA PRADESH  
RANGAREDDI  
- 501218

2. **The Registrar / Director / Principal**

Dr.S.Sai Satyanarayana Reddy  
VARDHAMAN COLLEGE OF ENGINEERING  
KACHARAM(VILLAGE), SHAMSHABAD(MANDAL), HYDERABAD, R.R.DISTRICT - 501218 ANDHRA PRADESH  
RANGAREDDI  
- 501218

3. **Guard File**

AQIS Application Id: 1-3565660573

1-3565660573

Page 4

**All India Council for Technical Education**

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi - 110070 Website: [www.aicte-india.org](http://www.aicte-india.org)



**SPDP- Sanction Order**

To

The Drawing and Disbursing Officer,  
All India Council for Technical Education,  
Nelson Mandela Marg,  
Vasant Kunj,  
New Delhi - 110070.

Sub: Release of a sum of Rs. Four Lakh Ninety Four Thousand Five Hundred/- being the 1<sup>st</sup> installment of Grant-in-Aid under Skill and Personality Development Program Centre for SC/ST students (SPDP) scheme for the year 2017-18 payable during the current financial year 2018-19-reg.

Sir,

This is to convey the sanction of the Council for payment of Rs. 494500/- (Four Lakh Ninety Four Thousand Five Hundred) as 1<sup>st</sup> installment out of the total approved grant-in-aid of Rs. 989000 for completion of Skill and Personality Development Program Centre for SC/ST students (SPDP) scheme on **SKILL AND PERSONALITY DEVELOPMENT PROGRAMME**

**CENTRE FOR SC/ST STUDENTS in VARDHAMAN COLLEGE OF ENGINEERING, RANGAREDDI** Telangana Pin No - 501218, under the Scheme Skill and Personality Development Program Centre for SC/ST students (SPDP).

- 1 The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the institute through RTGS.
- 2 This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter
- 3 The sanctioned amount is debitible to the Major Head 601.33(a) Gen. of the Scheme of Skill and Personality Development Programme Centre for SC/ST students (SPDP) and is valid for payment during the financial year 2018-19.

**The instructions/guidelines to be followed by University/Institution**

**I. Release of funds and maintenance of accounts**

- a) The Principal of the institute and the Coordinator of the scheme are requested to verify the correctness of the under mentioned bank account/ RTGS details submitted by them along with the Proposal, in which the grant is being released:

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AACFV7362C	ANDHRA BANK	Shamshabad	R B. Nagar, Shamshabad, Telangana	Principal	Saving Account	141010100043385	ANDB0001410

in case of any omission the same should be reported to AICTE immediately

- b) The Institute shall strictly follow the provisions laid down in the scheme document and sanction order No. F. No. ~~65-40~~ /RIFD/SPDP/Policy-1/2017-18 dated 26-3-2019 issued by this office. All correspondence related to the scheme must contain this number along with year of sanction of the scheme, failing which correspondence will not be entertained
- c) Funds covered by this grant shall be kept separately and would not be mixed up with other funds.
- d) The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure (list enclosed)
- e) Any change in the equipment recommended/sanctioned shall not be acceptable in any circumstances
- f) Any expenditure above the sanctioned amount of grant is to be incurred from Institute's own funds



- g) The institute/University shall not charge any overheads on this scheme and will provide all the administrative support for completion of the scheme.
- h) The accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

## II. Disbursement of funds to institutions.

- a) The date of release of the grant by AICTE shall be taken as the **date of commencement of the scheme**. The Principal / Director / Registrar shall intimate about the receipt of the grant to AICTE. Any Expenditure incurred prior to the issuance of the approval letter will not be allowed to be adjusted in the grant and if the Institution / University do not take the scheme work within one month of the receipt of the grant, the approval shall *ipso facto* lapse.
- b) After receipt of the grant from AICTE, the Institute shall send a confirmation to AICTE within 2 months of receipt of grant that the sanctioned scheme has been started/is in progress.
- c) 50% of the sanctioned grant shall be released at the initial stage after acceptance of the proposal. 40% & 10% of the sanctioned fund will be released in installments during the next two years, after receipt of feedback, attendance, Utilization Certificate (UC) and other supporting documents from the Institute.

## iii. Submission of documents by University/Institution

- a) The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the scheme:-
  - (i) The Annual Progress Report (APR) in the prescribed format along with Statement of Expenditure and Audited Utilization Certificate shall be submitted to AICTE not later than one month after completion.
  - (ii) The Utilization Certificate (UC) supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the All India Council for Technical Education immediately after completion of the scheme. It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address.
  - (iii) Scheme Completion Report (SCR) in the prescribed format along with the copies of invoice/bills for the equipments purchased and copy of stock entry register where entry of the equipment have made duly verified. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the project in the prescribed format and GFR-19 shall be submitted to the Council. Photocopies of formats are enclosed.
- b) A complete Status Report of the project indicating the activities undertaken, number of students benefited, laboratory works photographs of students, together with their views is to be submitted.
- c) The balance amount of the grant will be reimbursed to the University/Institution only on submission of the above documents. On receipt of these documents, the total amount of balance of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid shall be released, as second installment, in favour of the beneficiary institution.
- d) The University/Institution is expected to submit the above said mandatory documents viz. Utilization certificate, Expenditure Statement and completion certificate etc. within one month of completion of SPDP Scheme. However, delay of further 2 months may be condoned by AICTE in special circumstances as explained by the institute. Delay in submission of documents after three months of the completion of the SPDP scheme shall invite a penalty of 10% of the total sanctioned amount of the SPDP scheme, to be deducted from the balance amount of 2<sup>nd</sup> installment. The entire amount of grant already released, along with interest accrued thereon shall be refunded to AICTE if mandatory documents are not submitted by the institute beyond one year.
- e) Program Evaluation Committee (PEC) is required to be constituted at institutional level. The constitution of the PEC shall be as under:
  - i. Principal/Director/Registrar of the institution (Chairperson)
  - ii. Coordinator of the scheme (Member Secretary)
  - iii. Two HoDs and one subject expert (members).

The members of the said PEC shall not be below the rank of Associate Professor. The minutes of the meetings are to be submitted to the Council at the end of the scheme along with other mandatory documents.

Date: 25 March 2019

U.S. 4549

## IV. General Instructions

- The amount of interest accrued on the grant should be treated as part of the grant to be utilized for that particular scheme. However, the interest amount accrued along with grant disbursed should not exceed the total grant sanctioned for the scheme. The Institute receiving the grant should reflect the same in the audited statement of accounts/ utilization certificate and may either refund the interest amount to AICTE or AICTE should adjust the same in the next installment of grant before its release.
- The duration of the scheme is for three years. It may be ensured that the scheme is completed within the stipulated time. If the scheme is not completed in time no further extension will be granted in any case and institute has to refund the entire amount to AICTE.
- If scheme is not started within six months of the issuance of this Offer Letter, the released amount, along with interest accrued thereon, has to be returned to AICTE by way of a demand draft in favour of Member Secretary, AICTE, New Delhi.
- Any unavoidable circumstantial change in the scheme with respect to name of Scheme Coordinator for the SPDP scheme would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 65-40 /RIFD/SPDP/Policy-1/2017-18 in your future correspondence.
- The grantee shall maintain an audited record of assets acquired wholly or substantially out of the grant-in-aid and a register of assets shall be maintained by the Institute in the prescribed form i.e. GFR-19.
- The University / Institute receiving grant under SPDP is expected to put up a plaque at the main entrance of the Lab/Department, which has been modernized using the grant. All the equipment procured through the scheme should be super scribed with AICTE scheme file number.
- The assets acquired wholly or substantially out of All India Council for Technical Education's grant shall not be disposed or encumbered or utilize for the purpose other than those for which the Grant was given without proper sanction of the All India Council for Technical Education and should at any time the institution cease to function, such assets shall revert to the All India Council for Technical Education.
- GOI General Financial Rules (GFR) should be followed during utilization of grant. URL addresses <http://doe.gov.in/orders-circular/GFR>.

## V. List of Equipments Approved:

S.No.	Name of Equipment
1	PUBLIC ADDRESS SYSTEM
2	projector
3	Laptop
4	Speakers
5	Head Phones
6	Digital Interactive Board
7	Mics

Yours sincerely

(Prof. Dileep N. Malkhede)  
Advisor-1 (RIFD)

Copy forwarded for information and necessary action to:-

- Name & address of Coordinator of the scheme**  
Dr. SAI SATYANARAYANA SEELAM  
VARDHAMAN COLLEGE OF ENGINEERING  
KACHARAM(VILLAGE), SHAMSHABAD(MANDAL), HYDERABAD, R.R.DISTRICT - 501218  
ANDHRA PRADESH, RANGAREDDI  
Telangana - 501218
- The Registrar / Director / Principal**  
VARDHAMAN COLLEGE OF ENGINEERING  
KACHARAM(VILLAGE), SHAMSHABAD(MANDAL), HYDERABAD, R.R.DISTRICT - 501218 ANDHRA  
PRADESH, RANGAREDDI  
Telangana - 501218
- Guard File**



**VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD**  
Autonomous institute affiliated to JNTUH

**DETAILS OF OTHER EXTERNALLY FUNDED PROJECTS FOR THE YEAR 2018-2019**

**List of Other Projects Sanctioned during 2018-2019:**

S No.	Grant Towards	Funding Agency	Principle Investigator & Co-Investigator	Grant (in Rs. Lakhs)
1.	Participating Institute (Pi) under UBA 2.0	UBA 2.0	Prof. N. Srinivas Reddy	0.50
2.	Organizing "Entrepreneurship Awareness Camps"	DST-NSTEDB-NIMAT	Dr. RajaniKanth Aluvalu	0.64
3.	Organizing "Entrepreneurship Awareness Camps"	DST-NSTEDB-NIMAT	Dr. RajaniKanth Aluvalu	0.80

**List of Projects Completed during 2018-2019:**

S No.	Grant Towards	Funding Agency	Principle Investigator & Co-Investigator	Grant (in Rs. Lakhs)
1.	Attending "The 9th International Conference on Mechanical and Aerospace Engineering" Hungary (10 July, 2018 to 13 July, 2018)	DST	Dr. Sulakshana Chilukuri	1.01
2.	Organizing "Entrepreneurship Awareness Camps"	DST-NSTEDB-NIMAT	Dr. A. Rajanikanth Prof. Vivek Kulkarni	1.00

**List of Projects Applied during 2018-2019:**

S No.	Grant Towards	Funding Agency	Principle Investigator & Co-Investigator	Grant (in Rs. Lakhs)
1.	INCUBATION SCHEME	MSME	Dr. S. Sai Satyanarayana Reddy Mr. A. Rajanikanth	150.00
2.	NRDC Innovation Facilitation Centre	NRDC	Dr. S. Sai Satyanarayana Reddy Dr. A. Rajanikanth	6.00
3.	Training programmes: in-house Short term training / FDP Programmes for Faculty/UG/PG/Doctoral Students of two weeks duration - Sensor Networks, Internet of Things(IoT) and Internet of Everything	DST-SERB	Dr. M Narayana	27.80
4.	Conduction of National Level Conferences/Workshops/Seminars/brain storming sessions etc of three days duration - Artificial Intelligence (AI), Machine Learning (ML) and Deep Learning (DL)	DST-SERB	Dr. Hathiram Nenavath	197.00



## **ENTREPRENEURSHIP DEVELOPMENT INSTITUTE OF INDIA**

Near Village Bhat, Via Ahmedabad Airport & Indira Bridge, P.O. Bhat - 382 428, Dist. : Gandhinagar, Gujarat, India.

Tel. : +91-79-23969153, 23969158, 23969159, 23969161

E-mail : info@ediindia.org

Telefax : +91-79-23969164

Website : www.ediindia.org

**S. B. Sareen**

Sr. Faculty & Project Director: DST-NIMAT

EDII/DST-NIMAT/18-19/468

Date: 03/07/2018

### **SPEED POST**

**Dr. Sai Satyanarayana Reddy**  
Principal  
**Vardhaman College of Engineering**  
Kacharam (V)  
Shamshabad  
**Hyderabad - 500 018**  
Telangana

**Kind Attention:** Prof. Rajanikanth Aluvalu, Programme Coordinator

Dear Sir,

#### **Sub: DST-NIMAT Project 2018-19: Sanction Order**

Greetings from EDII, Ahmedabad!

This is with reference to your proposal submitted for conducting activities / programme(s) under the aegis of National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology, Govt. of India, New Delhi.

We are happy to inform you that the following activities / programmes have been sanctioned:

Sr. No.	Activity / Programme	No.	Amount in Rs.	Locations
1	Entrepreneurship Awareness Camp (EAC)	4	80000	As mentioned in proposal
	Total	4	80000	

You are requested to please go through the enclosed **Guidelines / Terms & Conditions** as it is **mandatory to follow the same.**

Please note that the **first installment is to be released on receipt of the following documents:**

1. Duly Signed Agreement
2. Duly Signed "Terms & Conditions" (each Page)
3. Action Plan [Annexure-I]
4. Bank Details [Annexure-IA]



The funds will be transferred through RTGS/NEFT. Please make sure that the above said documents must reach us as early as possible, but not later than **ONE MONTH** of receiving this sanction letter. Non receipt of the same may be considered as your unwillingness to take up the programme(s).

As per point no. 11 of the enclosed Terms & Conditions, it is expected to generate results in terms of unit establishment from programmes like; EDP, WEDP and TEDP. Hope, you will design the required strategy to show case desired result.

For any additional information, please contact either me (Email ID: [sareen@ediindia.org](mailto:sareen@ediindia.org), Mobile: 09925110040) or my colleague Mr. Prakash Solanki (Email ID: [psolanki@ediindia.org](mailto:psolanki@ediindia.org), Mobile: 09723816384).

We look forward to have a long term professional relationship.

Thanking you, with regards,

(S. B. Sareen)  
Encl.: a. a



## **ENTREPRENEURSHIP DEVELOPMENT INSTITUTE OF INDIA**

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Telefax : +91-79-23969164

Website : www.ediindia.org

**Prakash Solanki**

Faculty & National Project Coordinator

EDII/DST-NIMAT/18-19/RLS-I/278

Date: 10/08/2018

### **SPEED POST**

**Dr. Sai Satyanarayana Reddy**

Principal

**Vardhaman College of Engineering**

Kacharam (V), Shamshabad

**Hyderabad - 500 018**

Telangana

**Kind Attention:** Prof. Rajanikanth Aluvalu, Programme Coordinator

Dear Sir,

**Sub: 1<sup>st</sup> Installment of Programme/s Sanctioned under DST-NIMAT Project 2018-19**

This is with reference to the Agreement signed between EDII and your organization for conducting programme(s) under DST-NIMAT Project 2018-19 to create techno-entrepreneurs and resource persons through Entrepreneurship Development Programme Agency.

As per the Agreement, 80% of the sanctioned amount per programme is to be released before commencement of the programme(s). Accordingly, **Rs. 64000/-** has been credited in your bank account on **07/08/2018**. The detailed brake-up of the total amount is as following:

Sr. No.	Programme / Activity	No. of Programme Sanctioned	1 <sup>st</sup> Installment per Programme (Rs.)	Total Amount of the Programme (Rs.)
1	EAC	4	16000/-	64000/-
			<b>Total</b>	<b>64000/-</b>

**You are requested to please send us the receipt for the same.**

Thanking you, with regards

Yours sincerely,

Prakash Solanki

Encl: 1) Copy of Agreement, 2) Copy of T & C



**VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD**  
Autonomous institute affiliated to JNTUH

Against the Notification in Times of India on 08-05-2019, interviews for the recruitment of non-teaching staff are conducted on 27-05-2019 and the following candidates are selected and joined.

S No.	Department	Name of the Candidate	Designation
1.	CS	Ms. K. Lavanya Kumari	Lab Programmer
2.	EC	Mr. D. Rajasekhar	Lab Instructor
3.		Ms. B. Anusha	Lab Instructor
4.		Mr. L. Venkat Reddy	Lab Instructor
5.	EE	Mr. S. K. Rahim Pasha	Lab Instructor
6.		Ms. K. Mounika Nagabushanam	Lab Instructor
7.	ME	Mr. K. Naresh Kumar	Lab Instructor
8.	CE	Mr. M. Raj Kiran	Lab Instructor
9.	FE (CHE)	Mr. B. Mahendar	Lab Instructor
10.	Physical Education	Mr. P. Siva Krishna	Trainer Physical Education
11.	SDC	Mr. K. Jagan Mohan Rao	Aptitude Trainer (MAT)



## VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad, Hyderabad - 501 218

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

#### Minutes of Meeting of BOS in CSE held on 19<sup>th</sup> January, 2019

Date: 19-01-2019

Members Present:

1	Dr. H. Venkateswara Reddy	Chairman (BOS)
2	Dr. B. Padmaja Rani	JNTUH Nominee Subject Expert
3	Dr. C. Krishna Mohan	Subject Expert
4	Dr. P. Niranjan	Subject Expert
5	Dr. J. Kiran Kumar	Industry Expert
6	Dr. S. Sai Satyanarayana Reddy	Member
7	Mr. Vivek Kulkarni	Member
8	Dr. D. Raman	Member
9	Dr. M. A. Jabbar	Member
10	Dr. A. Rajinikanth	Member
11	Mr. A. Bhanu Prasad	Member
12	Mr. Venkata Satyadeep Mane	Alumni

#### Opening Remarks:

- At the outset, Dr. H. Venkateswara Reddy, Chairman, BOS-CSE, welcomed all the members present for the BOS meeting of CSE.
- The Chairman also thanked the new members Dr. B. Padmaja Rani, JNTUH Nominee and Dr. J. Kiran Kumar, Industry Expert for their acceptance to be as a member of BOS (CSE) and introduced to the members. All the members introduced themselves to the chair.

#### I. Agenda Items

##### 1. Detailed Syllabi of II Year I and II Semesters B. Tech – CSE (VCE – R18):

The detailed syllabi of II Year I and II Semesters courses B.Tech-CSE (VCE-R18) was presented by the Chairman, BOS (CSE). After careful perusal and detailed discussion the Course structure of Regulations VCE-R18 B.Tech (CSE) and syllabi of II Year I and II Semesters courses is approved as enclosed in the Annexure - I.

##### 2. Panel of Examiners for II Year I and II Semesters of B. Tech – CSE (VCE – R18)

- a) The panel of examiners for II Year I and II Semesters proposed by the Chairman, BOS (CSE) for question paper setting and valuation is approved (Given in Annexure - II).



- b) After the perusal of Model Question Papers submitted by the Chairman, BOS, it is resolved to adopt the same.

### 3. Amendments for B. Tech – CSE (VCE – R18)

As per the amendment rose:

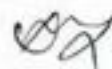

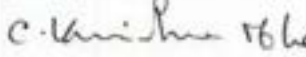

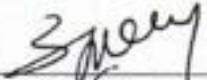


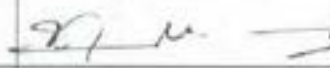
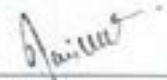
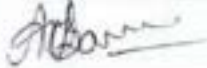
- a) The four-year curriculum of B. Tech programme of study shall have total of 160 credits. The exact requirements of credits for each course will be as recommended by the Board of Studies concerned and approved by the Academic Council. In the case of lateral entry students, B. Tech programme for III, IV, V, VI VII and VIII semesters of study shall have a total 122 credits.
- b) A new syllabus for the subject Basic Electrical Engineering as proposed by AICTE for I Year B.Tech for EEE/ECE/CSE/IT is adopted with minor changes and Basic Engineering Laboratory for EEE/ECE/CSE/IT is proposed and got approved by the BOS Members.
- c) The performance of a student in each semester shall be evaluated subject-wise with a maximum of 100 marks each for theory and 100 marks for practical / computer aided engineering drawing lab. In addition, mini - project, technical seminar, and project work shall be evaluated for 100, 100 and 300 marks respectively.
- d) The project work shall be evaluated for 300 marks out of which 160 marks for internal evaluation and 140 marks for end-semester evaluation. The project work shall be spread over in VII semester and in VIII semester. The project work shall be somewhat innovative in nature, exploring the research bent of mind of the student. A project batch shall comprise of not more than four students.
- e) The Two-year curriculum of M. Tech programme of study shall have total of 68 credits.
- f) The performance of a student in each semester of M.Tech shall be evaluated subject -wise with a maximum of 100 marks each for theory and 100 marks for practical. In addition, mini project and project work shall be evaluated for 100 and 300 marks respectively.
- g) The project work shall be evaluated for 300 marks out of which 160 marks for internal evaluation and 140 marks for end-semester evaluation. The project work shall be spread over in III semester and in IV semester.

### 4. Approval of Open Source Softwares usage in the laboratory courses:

After careful perusal of the Lab courses B. Tech – CSE (VCE – R18) and M.Tech - CSE, the members of the committee approved the usage of available and required Open Source Softwares during the laboratory session for student practicals.

**Conclusion of Meeting**

The meeting was concluded at 3.30 PM with thanks to the chair.

1	Dr. H. Venkateswara Reddy	Chairman (BOS)	
2	Dr. B. Padmaja Rani	JNTUH Nominee Subject Expert	
3	Dr. C. Krishna Mohan	Subject Expert	
4	Dr. P. Niranjan	Subject Expert	
5	Dr. J. Kiran Kumar	Industry Expert	
6	Dr. S. Sai Satyanarayana Reddy	Member	
7	Prof. Vivek Kulkarni	Member	
8	Dr. D. Raman	Member	
9	Dr. M. A. Jabbar	Member	
10	Dr. A. Rajinikanth	Member	
11	Mr. A. Bhanu Prasad	Member	
12	Mr. Venkata Satyadeep Mane	Alumni	

  
Dr. H. Venkateswara Reddy  
Chairman, BOS-CSE



# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad, Hyderabad - 501 218

## DEPARTMENT OF INFORMATION TECHNOLOGY

### Minutes of Meeting of BOS in IT held on 19<sup>th</sup> January, 2019

Date: 19-01-2019

Members Present:

1	Dr. M. Gopichand	Chairman (BOS)
2	Dr. B. Padmaja Rani	JNTUH Nominee Subject Expert
3	Dr. C. Krishna Mohan	Subject Expert
4	Dr. P. Niranjan	Subject Expert
5	Dr. J. Kiran Kumar	Industry Expert
6	Dr. R. LalaNaik	Member
7	Dr. N. Anilkumar	Member
8	Ms. E. R. Aruna	Member
9	Dr. K. DhanaSreedevi	Member
10	Dr. V. MuniSekhar	Member
11	Dr. T. Raghunatha Reddy	Member
12	Mr. P. Meherasees	Alumni

#### Opening Remarks:

- At the outset, **Dr. M. Gopichand**, Chairman, BOS-IT, welcomed all the members present for the BOS meeting of IT.
- The Chairman also thanked the new members **Dr. B. Padmaja Rani**, JNTUH Nominee and **Dr. J. Kiran Kumar**, Industry Expert for their acceptance to be as a member of BOS (IT) and introduced to the members. All the members introduced themselves to the chair.

#### I. Agenda Items

##### 1. Detailed Syllabi of II Year I and II Semesters B. Tech – IT (VCE – R18):

The detailed syllabi of II Year I and II Semesters courses B.Tech-IT (VCE-R18) was presented by the Chairman, BOS (IT). After careful perusal and detailed discussion the Course structure of Regulations VCE-R18 B.Tech (IT) and syllabi of II Year I and II Semesters courses is approved as enclosed in the Annexure - I.

##### 2. Panel of Examiners for II Year I and II Semesters of B. Tech – IT (VCE – R18)

- The panel of examiners for II Year I and II Semesters proposed by the Chairman, BOS (IT) for question paper setting and valuation is approved (Given in Annexure - II).

- b) After the perusal of Model Question Papers submitted by the Chairman, BCS, it is resolved to adopt the same.

**3. Amendments for B. Tech – IT (VCE – R18)**

As per the amendment rose:

- a) The four-year curriculum of B. Tech programme of study shall have total of 160 credits. The exact requirements of credits for each course will be as recommended by the Board of Studies concerned and approved by the Academic Council. In the case of lateral entry students, B. Tech programme for III, IV, V, VI VII and VIII semesters of study shall have a total 122 credits.
- b) A new syllabus for the subject Basic Electrical Engineering as proposed by AICTE for I Year B.Tech for EEE/ECE/CSE/IT is adopted with minor changes and Basic Engineering Laboratory for EEE/ECE/CSE/IT is proposed and got approved by the BOS Members.
- c) The performance of a student in each semester shall be evaluated subject-wise with a maximum of 100 marks each for theory and 100 marks for practical / computer aided engineering drawing lab. In addition, mini - project, technical seminar, and project work shall be evaluated for 100, 100 and 300 marks respectively.
- d) The project work shall be evaluated for 300 marks out of which 160 marks for internal evaluation and 140 marks for end-semester evaluation. The project work shall be spread over in VII semester and in VIII semester. The project work shall be somewhat innovative in nature, exploring the research bent of mind of the student. A project batch shall comprise of not more than four students.
- e) The project work shall be evaluated for 300 marks out of which 160 marks for internal evaluation and 140 marks for end-semester evaluation. The project work shall be spread over in III semester and in IV semester.

**4. Approval of Open Source Softwares usage in the laboratory courses:**

After careful perusal of the Lab courses B. Tech – IT(VCE – R18) , the members of the committee approved the usage of available and required Open Source Softwares during the laboratory session for student practicals.

Meeting concluded with thanks to the chair.

1	Dr. M. Gopichand	Chairman, BOS	
2	Dr. B Padmaja Rani	JNTUH Nominee	
3	Dr. C Krishna Mohan	Subject Expert	C. Krishna Mohan
4	Dr. P. Niranjan	Subject Expert	Absent
5	Dr. J. Kirankumar	Industry Expert	
6	Dr. R. Lalu Naik	Member	
7	Dr. N. Anilkumar	Member	N. Anil Kumar
8	Ms. E. R. Aruna	Member	
9	Dr. V. MuniSekhar	Member	
10	Dr. K. Dhanasreedevi	Member	
11	Dr. T. Raghunadha Reddy	Member	
12	Mr. P. Meher Asees	Alumni	

  
Dr. M. Gopichand  
Chairman, BOS-IT



## VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad – 501 218, Hyderabad

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINUTES OF

EIGHTH BOARD OF STUDIES MEETING HELD ON 19<sup>th</sup> JANUARY, 2019

Minutes of the 8th meeting of Board of studies (BOS) held on 19<sup>th</sup> JANUARY, 2019 (Saturday) at 10:30 AM in the ECE E-Class room, Department of Electronics and Communication Engineering, Vardhaman College of Engineering, Hyderabad.

### Members Present:

S. No.	Name of the BOS Member	Designation
1	<b>Dr. J. V. R. Ravindra</b> Professor & Head Department of ECE, Vardhaman College of Engineering	Chairman
2	<b>Dr. B. N. Bhandari</b> Professor, Department of ECE, JNTU College of Engineering, Hyderabad	JNTUH Nominee
3	<b>Dr. R. V. S. Satyanarayana</b> Professor and Head, Department of ECE, S.V.U. College of Engineering, Tirupathi	Member (Subject Expert)
4	<b>Dr. M. Asha Rani</b> Professor and Head, Department of ECE, JNTU College of Engineering, Hyderabad	Member (Subject Expert)
5	<b>Dr. D. Rama Krishna</b> Associate Professor, Department of ECE, OU College of Engineering Osmania University, Hyderabad	Member (Subject Expert)
6	<b>Dr. R. Murali Prasad</b> Professor, Department of ECE, Vardhaman College of Engineering	Member
7	<b>Dr. P. Nageswara Rao</b> Professor, Department of ECE, Vardhaman College of Engineering	Member
8	<b>Prof. Y. Pandu Rangaiah</b> Professor, Department of ECE, Vardhaman College of Engineering	Member
9	<b>Dr. G. A. E. Satish Kumar</b> Professor, Department of ECE, Vardhaman College of Engineering	Member

At the outset Chairman welcomed all the members to the 8<sup>th</sup> BOS meeting. After a brief introduction about the proposed scheme and syllabi that is to be approved, Chairman initiated the meeting.

**ITEM NO: 08-BOS-01****Ratification of the minutes of 7th meeting of the BOS**

The board considered and confirmed the minutes of its 7th meeting held on 02<sup>nd</sup> June, 2018



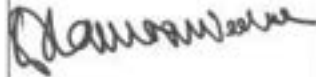

**ITEM NO: 08-BOS-02****Structuring Scheme and syllabi for 3rd and 4th Semesters for R18 Regulations**

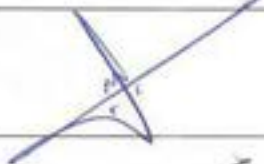

BOS Members discussed at length the proposed scheme and syllabi as prepared by the department and suggested a few modifications and corrections.

Accordingly the scheme and syllabi of Third and Fourth semesters of B.Tech ECE of VCE are finalized.

Meeting ended with vote of thanks to the Chair.

**Members Present:**

S. No.	Name of the BOS Member	Designation	Signature
1	Dr. J. V. R. Ravindra Professor & Head Department of ECE, Vardhaman College of Engineering	Chairman	
2	Dr. B. N. Bhandari Professor, Department of ECE, JNTU College of Engineering, Hyderabad	JNTUH Nominee	
3	Dr. R. V. S. Satyanarayana Professor and Head, Department of ECE, S.V.U. College of Engineering, Tirupathi	Member (Subject Expert)	
4	Dr. M. Asha Rani Professor and Head, Department of ECE, JNTU College of Engineering, Hyderabad	Member (Subject Expert)	
5	Dr. D. Rama Krishna Associate Professor, Department of ECE, OU College of Engineering Osmania University, Hyderabad	Member (Subject Expert)	
6	Dr. R. Murali Prasad Professor, Department of ECE, Vardhaman College of Engineering	Member	
7	Dr. P. Nageswara Rao Professor, Department of ECE, Vardhaman College of Engineering	Member	

8	<b>Prof. Y. Pandu Rangaiah</b> Professor, Department of ECE, Vardhaman College of Engineering	Member	
9	<b>Dr. G. A. E. Satish Kumar</b> Professor, Department of ECE, Vardhaman College of Engineering	Member	



Chairman

Board of Studies (ECE)





## VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad – 501 218, Hyderabad

### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

#### MINUTES OF FIFTH BOARD OF STUDIES (UG ) IN DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

The members of the board of studies in Electrical and Electronics Engineering met on 19<sup>th</sup> Jan, 2019 at 10.30 AM in the HOD'S chamber for the Sixth BOS meeting of Electrical and Electronics Engineering and resolved the following.

#### Members Present:

1	Md Asif	BOS_Chairman
2	Dr.K Naga Sujatha	JNTUH Nominee
3	Dr. A.V.Giridhar	Member (Subject Expert)
4	Ms.D Pavithra	Member (Industry Expert)
5	Dr.H.S.Jain	Member
6	Dr.T .Sai Rama	Member
7	Dr.N Kiran Kumar	Member
8	Dr.N. Karuppiah	Member
9	Dr.K.Jai Ganesh	Member
10	Mr.S .Nandan	Member (Alumni)

The Chairman welcomed all the members present for the Sixth BOS meeting of Electrical and Electronics Engineering.

#### 1. Resolutions of BOS Meeting held on 19<sup>th</sup> Jan , 2019:

Resolved to Approve Action Taken Report presented by the Chairman, Board of Studies in Electrical and Electronics Engineering.

#### 2. Course Structure of III to VIII Semesters, Syllabi of III and IV Semesters of B.Tech (EEE) of R-18 Regulation:

After careful perusal and detailed discussion, the course structure and syllabi of III and IV Semester B.Tech (EEE) of R-18 Regulation is approved.

3. Panel of Examiners for question paper setting for the courses in III and IV B. Tech (EEE) of R-18 Regulation.

**4. Resolutions of BOS Meeting held on 19<sup>th</sup> Jan, 2019:**

Resolved to Approve Action Taken Report presented by the Chairman, Board of Studies in Electrical and Electronics Engineering.

**5. Amendment to VCE – R 18 Regulations:**

**Existing : B.Tech(R15 Regulation)**

1. The four year curriculum of any B. Tech program of study shall have total of 192 credits. The exact requirements of credits for each course will be as recommended by the Board of Studies concerned and approved by the Academic Council. In the case of lateral entry students, B. Tech program for III, IV, V, VI VII and VIII semesters of study shall have a total 144 credits.
2. The performance of a student in each semester shall be evaluated subject -wise with a maximum of 100 marks each for theory and 100 marks for practical / computer aided engineering drawing lab. In addition, mini - project, technical seminar, and project work shall be evaluated for 100, 100 and 200 marks respectively.
3. The project work shall be evaluated for 200 marks out of which 60 marks for internal evaluation and 140 marks for end-semester evaluation. The project work shall be spread over in VII semester and in VIII semester. The project work shall be somewhat innovative in nature, exploring the research bent of mind of the student. A project batch shall comprise of not more than four students The Two year curriculum of M. Tech programme of study shall have total of 68 credits.
4. The performance of a student in each semester of M.Tech shall be evaluated subject -wise with a maximum of 100 marks each for theory and 100 marks for practical. In addition, Technical seminar, Comprehensive Viva and project work shall be evaluated for 100,100 and 300 marks respectively.
5. The project work shall be evaluated for 300 marks out of which 160 marks for internal evaluation and 140 marks for end-semester evaluation. The project work shall be spread over in III semester and in IV semester.

**Amendment for R-18 Regulation**

As per the amendment rose:

1. The four year curriculum of B. Tech programme of study shall have total of 160 credits. The exact requirements of credits for each course will be as recommended by the Board of Studies

concerned and approved by the Academic Council. In the case of lateral entry students, B. Tech programme for III, IV, V, VI VII and VIII semesters of study shall have a total 122 credits.

2. A new syllabus for the subject Basic Electrical Engineering as proposed by AICTE for 1 Year B.Tech for EEE/ECE/CSE/IT is adopted with minor changes and Basic Engineering Laboratory for EEE/ECE/CSE/IT is proposed and got approved by the BOS Members
3. The performance of a student in each semester shall be evaluated subject -wise with a maximum of 100 marks each for theory and 100 marks for practical / computer aided engineering drawing lab. In addition, mini - project, technical seminar, and project work shall be evaluated for 100, 100 and 300 marks respectively.
4. The project work shall be evaluated for 300 marks out of which 160 marks for internal evaluation and 140 marks for end-semester evaluation. The project work shall be spread over in VII semester and in VIII semester. The project work shall be somewhat innovative in nature, exploring the research bent of mind of the student. A project batch shall comprise of not more than four students.
5. The Two year curriculum of M. Tech programme of study shall have total of 58 credits.
6. The performance of a student in each semester of M.Tech shall be evaluated subject -wise with a maximum of 100 marks each for theory and 100 marks for practical. In addition, mini - project and project work shall be evaluated for 100 and 300 marks respectively.
7. The project work shall be evaluated for 300 marks out of which 160 marks for internal evaluation and 140 marks for end-semester evaluation. The project work shall be spread over in III semester and in IV semester.

Meeting concluded with thanks to the chair.

1	Md Asif	BOS_Chairman	
2	Dr.K Naga Sujatha	JNTUH Nominee	
3	Dr. A.V.Giridhar	Member (Subject Expert)	
4	Ms.D Pavithra	Member (Industry Expert)	Absent
5	Dr.H.S.Jain	Member	
6	Dr.T .Sai Rama	Member	
7	Dr.N Kiran Kumar	Member	
8	Dr.N. Karupiah	Member	
9	Dr.K.Jai Ganesh	Member	
10	Mr.S .Nandan	Member (Alumni)	

  
Chairman  
Board of Studies ,EEE

**VARDHAMAN COLLEGE OF ENGINEERING**

(Autonomous)

Shamshabad – 501 218, Hyderabad  
Board of Studies in Mechanical Engineering7<sup>th</sup> Meeting held on 19<sup>th</sup> January, 2019Minutes

## Members Present:

1.	Dr. B Subbaratnam	Chairman
2.	Dr. M Indira Rani	JNTUH Nominee
3.	Dr. A V S S K S Gupta	Subject Expert
4.	Mr. Ajay P Chowdary	Industry Expert
5.	Dr. P. Mastanaiah	Industry Expert
6.	Dr. B. Venkatesh	Member
7.	Dr. K Deepak	Member
8.	Prof. N Srinivasa Reddy	Member
9.	Mr. P Sarkar	Member

## Members Absent:

1	Dr. K. Hema Chandra Reddy	Subject Expert
2	Mr. A Suraj Kumar	Alumni & Entrepreneur

The Chairman welcomed all the members present for the BOS meeting of Mechanical Engineering. The Chairman introduced Dr. M Indira Rani Madam, JNTUH Nominee and also thanked all the members for extending their cooperation to review the B. Tech. course structure and syllabi of VCE-R18 regulations. The following points have been discussed.

1. The chairman announced the course structure and syllabi for II Year B. Tech of VCE R18 to be finalized.
2. Dr. AVSSK Gupta emphasized the need of integrated course in the forthcoming academic syllabi as per the new guidelines of AICTE. As per the suggestion integrated course needs to have lab part included in the syllabus thereby supporting the learning of theoretical topics in the syllabus.

1/3

3. Dr. AVSSK Gupta suggested merging thermal courses of TE-I, TE-2, IC Engines and Turbo machinery as two subjects of Thermal.
4. Dr. AVSSK Gupta emphasized the study of thermodynamics relations like Helmholtz and Gibbs function in the course structure.
5. Dr. AVSSK Gupta suggested merger of Fluid Mechanics and Fluid Machinery into one single subject as Fluid Mechanics & Hydraulic Machines.
6. Dr. P. Mastanaiah suggested changes in Manufacturing Technology and suggested inclusion of composite materials and special steels for industrial applications.
7. Dr. M Indira Rani suggested changes in the text book in KOM. As per suggestion S S Rattan is to be kept as text book.
8. Dr. M Indira Rani suggested adding MPFI in thermal engineering syllabus.
9. Dr. Gupta suggested merging the courses of IC engines and Turbo Machines. As per suggestion addition of a subject IC engines and Gas Turbines in higher semester to be done.
10. All the experts emphasized need of learning through experiments. It is suggested ensuring application of 80% of lab experiments in theory portion for integrated courses.
11. All the experts suggested use of professional software as teaching method for Engineering Graphics and CAD and Machine Drawing courses. Few suggested software are:
  - a. Auto cad
  - b. Fusion 360
  - c. PRO/E
  - d. CATIA
12. Mr. Ajay P Chowdary suggested modifications in the terminology used in machine drawing course. Also need of assembly drawing was discussed.

## Any Other Item:

## a) II, III and IV Semesters B. Tech (Mechanical Engineering) Syllabi:

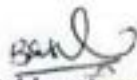
The members requested the Chairman BOS (ME) to prepare detailed syllabi for III and IV semesters of B. Tech based on AICTE model curriculum, subjects including integrated courses with the help of Internal Members.

## b) Send the "Draft Syllabi" to all the External Members, obtain and incorporate the suggestions received.

Members finalized VCE-R18 course structure and syllabi of B. TECH. III & IV semesters subjects based on AICTE model curriculum.

Since there were no more points to discuss the meeting has been concluded with thanks to the chair.

1.	Dr. B Subbaratnam	Chairman	
2.	Dr. M Indira Rani	JNTU Nominee	 19/01/19
3.	Dr. A V S S K S Gupta	Subject Expert	 19/01/19
4.	Mr. Ajay P Chowdary	Industry Expert	
5.	Dr. P. Mastanaiah	Industry Expert	
6.	Dr. B. Venkatesh	Member	 19/01/19
7.	Dr. K Deepak	Member	
8.	Prof. N Srinivasa Reddy	Member	 19/01/19
9.	Mr. P Sarkar	Member	

  
Dr. B Subbaratnam  
Chairman  
Board of Studies in ME





# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad, Hyderabad - 501 218

## DEPARTMENT OF CIVIL ENGINEERING

### 8<sup>th</sup> Meeting of BOS in Civil Engineering held on 18<sup>nd</sup> January, 2019

Date: 18.01.2019

#### Minutes

Members Present:

1	Dr. G. Mallikarjuna Rao	Chairman, BOS
2	Dr. P Srinivasa Rao	JNTU Nominee
3	Dr. V. Padmavathi	Subject Expert
4	Dr. K. Srinivasa Raju	Subject Expert
5	Mr. T. Someshwar Rao	Industry Expert
6	Dr. G.V.K.Reddy	Subject Expert
7	Dr. N Srujana	Member
8	Dr. Pradeep	Member
9	Dr. Dharmesh Lal	Member
10	Mr. M. Nagaraju	Alumni

#### Opening Remarks:

The Chairman **Dr. G Mallikarjuna Rao** welcomed all the members present for the Eighth BOS meeting of Civil Engineering. The Chairman also thanked the members for their acceptance to be a member of BOS – CIVIL. All the members introduced themselves to the chair.



**Agenda Items:****Syllabus of II year I semester and II Year II semester subjects (VCE R18):**

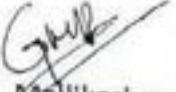
The detailed syllabi of II year I semester and II Year II semester courses of B. Tech – CIVIL (VCE R18) was presented by the chairman, BOS - Civil. After careful perusal and detailed discussion, the course structure for VCE R18 B. Tech (Civil) and syllabi of II year I and II semester courses is approved.

**Amendments of B. Tech CE (VCE R18):****As per amendment rose:**

- a) The four year curriculum of B.Tech programme of study shall have total of 160 credits. The exact requirements of credits for each course will be as recommended by board of studies concerned and approved by academic council. In the case of lateral entry students, B.Tech programme for III, IV, V, VI, VII and VIII semesters of study shall have a total of 122 credits.
- b) The committee approved syllabi for Surveying and Strength of Materials-I with minor modifications.
- c) The performance of a student in each semester shall be evaluated subject-wise with a maximum of 100 marks each for theory and 100 marks for practical lab. In addition, mini-project, Internship and project work shall be evaluated for 100, 100 and 200 respectively.

Meeting concluded with thanks to the chair.

1	Dr. G. Mallikarjuna Rao	Chairman, BOS	
2	Dr. P Srinivasa Rao	JNTU Nominee	
3	Dr. V. Padmavathi	Subject Expert	
4	Dr. K. Srinivasa Raju	Subject Expert	
5	Mr. T. Someshwar Rao	Industry Expert	
6	Dr. G.V.K.Reddy	Subject Expert	
7	Dr. N Srujana	Member	
8	Dr. Pradeep	Member	
9	Dr. Dharmesh Lal	Member	
10	Mr. M. Nagaraju	Alumni	

  
 Dr. G. Mallikarjuna Rao  
 Chairman  
 Board of Studies, CE



**MINUTES OF  
THE FOURTH MEETING OF THE JOINT BOARD OF STUDIES IS HELD AT 10.30 AM ON 02<sup>nd</sup> JUNE,  
2018(SATURDAY) IN THE BOARD ROOM (BLOCK 5)**

Dr.S Sai Satyanarayana Reddy, Chairman of the Joint Board of Studies of Vardhaman College of Engineering (Autonomous), Hyderabad presided over the meeting.

**WELCOME ADDRESS BY THE CHAIRMAN, JOINT BOS**

The Principal and Chairman of the Joint Board of Studies Dr.Sai Satyanarayana Reddy, welcomed all the members and requested the members to introduce themselves. He explained that the Board of studies of various branches are constituted as per the guidelines of UGC. Principal conveyed his heart-felt thanks to all members of BOS for attending the meeting and then presented the detailed Agenda Notes.

**1. To Approve and ratify the academic regulations for B. Tech. degree courses – Regulations – R18.**

Principal presented the academic regulations for R18 for B. Tech. Degree courses to the members present. After a detailed discussion he requested the board to ratify the academic regulations as furnished in Annexure – I.

**Resolution:** The members resolved to ratify the academic regulations of R18 for B.Tech degree course for the students admitted from 2018 onwards and put forward to Academic Council for approval and ratification.

**2. To approve and ratify the Course Structure and syllabi of I B.Tech I and II Semester Regulations – R18.**

Principal presented the course structure and detailed syllabi of I B.Tech I and II semesters to the members present. He requested the board to ratify the same as furnished in annexure II.

After detailed discussion, in the meeting of Joint Board of Studies the members have decided to have the following pattern of courses for different branches of four year B.Tech degree program: Organization of I B.Tech I and II semester course structure for load balance for effective utilization of the resources and facilities.

S. No	COURSE NAME	I SEMESTER	II SEMESTER
1	Linear Algebra and Differential Equations	CSE/IT/CIVIL/ECE/EEE/MECH	--
2	Engineering Chemistry	CSE/IT	ECE/EEE/MECH/CIVIL
3	Programming for Problem Solving	CSE/IT/ME/CIVIL	ECE/EEE
4	Engineering Workshop	CSE/IT	ECE/EEE/MECH/CIVIL
5	Engineering Chemistry Laboratory	CSE/IT	ECE/EEE/MECH/CIVIL
6	Programming for Problem Solving Laboratory	CSE/IT/ME/CIVIL	ECE/EEE
7	Social Innovation	CSE/IT/MECH	ECE/EEE/CIVIL

S. No	COURSE NAME	I SEMESTER	II SEMESTER
8	Advanced Calculus	--	CSE/IT/CIVIL/ECE/EEE/MECH
9	Semiconductor Physics	ECE/EEE	CSE/IT
10	Oscillations, Waves and Optics	ME/CE	--
11	Basic Electrical Engineering	ECE/EEE	CSE/IT
12	Functional English for Communication	--	CSE/IT/CIVIL/ECE/EEE/MECH
13	Engineering Graphics and Computer Aided Drafting	ECE/EEE/MECH/CIVIL	CSE/IT
14	Semiconductor Physics Laboratory	ECE/EEE	CSE/IT
15	Oscillations, Waves and Optics Laboratory	ME/CE	--
16	Basic Electrical Engineering Laboratory	ECE/EEE	CSE/IT
17	English Language Communication Skills Laboratory	--	CSE/IT/CIVIL /ECE/EEE/MECH
18	Engineering Exploration	ECE/EEE/CIVIL	CSE/IT/MECH
19	Engineering Mechanics	MECH/CIVIL	--
20	Engineering Mechanics Laboratory	MECH/CIVIL	--

**Resolution:** The members resolved to ratify the Course Structure and syllabi for I B.Tech I and II semester.

**3. Non-Engineering Subjects and detailed Syllabi offered to III and IV year B. Tech**

1. Probability and Statistics
2. Managerial Economics and Financial Analysis
3. Quantitative Aptitude - I
4. Quantitative Aptitude - II
5. Environment Science
6. Verbal Ability and Logical Reasoning
7. Gender Sensitization
8. Indian Constitution
9. Soft skills and Personality Development
10. Essence of Indian Traditional Knowledge
11. Management Science
12. Partial Differential Equations and Complex Variables

Syllabi of the following subjects were presented and discussed. Subject experts finalized the syllabus for all the above courses.

**4. To Nominate panel of examiners / paper setters for regulations – R18**

Chairman proposed the following guidelines to prepare the panels for question paper setting.

**4.1 Panels for Questions paper setting:**

For non – engineering subjects, the panels of paper setters are to be prepared by the coordinators for concerned subjects, to be nominated by the chairperson of the Joint Board of Studies (BOS)

In the case of engineering subjects, the panels of paper setters are to be prepared by the chairperson of BOS concerned.

These panels are to be sent to the Controller of Examinations (COE).

COE has to arrange for Question Paper Setting in each subject, by choosing any two paper setter (two sets each) from the panel of paper setters for that subject, with the approval of the Principal.

To expedite the work, the COE, may select the paper setters, from outside the panel, by satisfying the norms given below, with the permission of the Principal.

- a. The paper setter should be from the same specialization of study, for that subject.
- b. Normally, the paper setter should not be below the cadre of an Associate Professor from any engineering college, within and outside the state of Telangana.
- c. In the case of the paper setter being of the cadre of Assistant Professor, he/she should have minimum teaching experience of five years.

#### 4.2 Model Question Paper:

Model question paper for each subject, is to be prepared and sent to the COE, to be made available to the paper setter, in that subject, for serving as guidelines for paper setting.

For non – engineering subjects, the model question papers are to be prepared by the coordinators for concerned subjects, to be nominated by the chairperson of the Joint Board of studies (BOS).

In the case of engineering subjects, the model question papers are to be prepared by the coordinators for concerned subjects, to be nominated by the chairperson of BOS concerned.

**Resolution:** Members discussed and unanimously approved the above.

#### 5. To discuss and approve the pattern of evaluation

Chairman proposed the following procedure for the evaluation of end examination answer scripts.

##### 5.1 Evaluation of Answer Scripts:

###### Digital Evaluation:

All the answer scripts are encode and shall be digitized after cutting and scanned with required security features. After scanning pinning must be done.

The theory papers of end-semester examination should be evaluated both by internal examiner and external examiner. The first valuation of the answer scripts should be done by the internal faculty, teaching the subject. The second evaluation should be done by an examiner faculty outside the college. List of experts for second valuation, is to be finalized by the COE, with the approval of the Principal.

In case of non-availability of the concerned internal faculty, the COE, with the permission of the Principal, may assign the evaluation work to a competent faculty member.

For the external evaluation, the COE, may approach the Head of any Engineering college(s), within or outside the state, preferably away from the region, with a request to co-ordinate the evaluation work. The Head of the Institution(s), may in turn, entrust the evaluation work to a Coordinator.

The Coordinator may specifically be requested, to follow the guidelines given below, while selecting the paper valuers.

- a. The evaluator, must have taught the subject, at least once.
- b. Normally, the evaluator should not be below the cadre of an Associate Professor from any engineering college, within and outside the state of A.P.
- c. In the case of the evaluator being of the cadre of Assistant Professor the prescribed minimum teaching experience is five years.

After obtaining the evaluation marks, the COE has to finalize the marks as per the following guidelines.

- The marks for the internal evaluation components will be added to the external evaluation marks secured in the end semester examinations, to arrive at total marks for any subject in that semester.
- Performance in all the courses is tabulated course-wise and will be scrutinized by the Examination Committee. Moderation is applied, if needed, based on the recommendations of results committee and then course-wise grade lists are finalized.
- Student-wise tabulation is done and grade sheet is generated which is issued to the student.
- If the second valuation marks are lower than the first valuation marks, and the difference between the two, is 14 (fourteen) or less, the final marks are arrived by taking the average of first and second evaluation.
- If the difference of marks between the second valuation and first valuation is above 14 (fourteen), the answer script is to be sent by the COE with the approval of the Principal, to the chief examiner of the concerned subject, other than the first two examiners for third evaluation. After valuation by the chief examiner, the average of three evaluations will be the final marks.

#### Revaluation:

- Students shall be permitted for revaluation after the declaration of end semester examination results within due dates by paying prescribed fee. After revaluation if there is any betterment in the grade, then improved grade will be considered. Otherwise old grade shall be retained.

#### 5.2 Examiners for Practical Examinations:

For all the laboratories, the examinations are to be conducted by the faculty drawn from outside the college, as per the guidelines given below:

- In case of non-engineering subjects, the chairperson of joint BOS, can appoint the examiners for conducting practical examinations.

- In case of engineering subjects, the concerned chairperson of BOS, can appoint the examiners for conducting practical examination.

The panel of external examiners consisting of 6 examiners, for Practicals / Project Work Comprehensive Viva is to be prepared by the chairperson of the concerned BOS, and sent to the COE.

The COE, has to appoint one examiner from the panel submitted, with the approval of the Principal. In case of refusal/no response, another examiner from the panel is to be appointed by the COE, with the approval of the Principal. The same process is to be repeated, till the panel is exhausted. The COE, then, has to obtain another panel of examiners from the concerned chairperson of BOS, and repeat the process to conduct the examination as per schedule.

**Resolution:** Members discussed and unanimously approved the above pattern of evaluation.

#### 6. Constitution of Results Committee:

It is proposed to constitute the results committee with the following composition:

**Resolution:** Members discussed and unanimously authorized the result committee to take up special moderation, general moderation and moderation of marks at the time of award of final degree in case the student fails to secure FIRST class degree.

➤ Principal	<b>Chairman</b>
➤ Controller of Examination	Convener
➤ All Chair persons of Boards of studies in Engineering	Members
➤ One external member from any engineering college	Members
From the state, or JNTUH, Hyderabad (not below the cadre of Professor)	
➤ Representative of the Management	Member
➤ One Senior Faculty of the college	Member

#### 7. Amendments in R15:

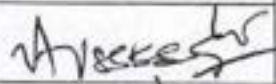
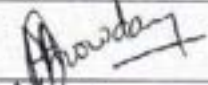
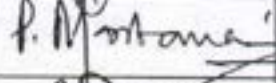

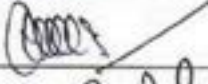
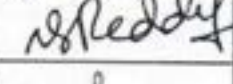
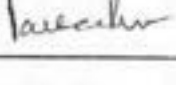
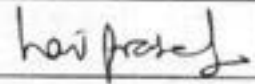
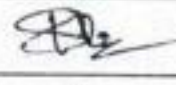
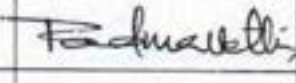

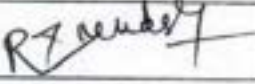


- a. Five marks for alternative assessment instead of five marks for attendance.
- b. New Course is introduced as Open Elective – Entrepreneurship (A3081).
- c. Open Electives and Professional Electives can be added as per the requirement.



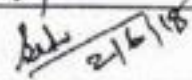
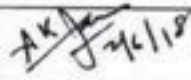
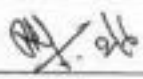
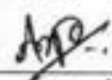
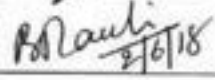


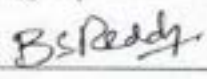

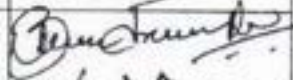

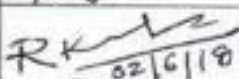
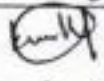
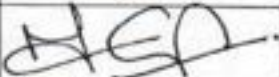
**Resolution:** The members accepted to consider alternative assessment for awarding 05 Marks instead of considering the attendance. It is also resolved to add a new open elective Entrepreneurship for the R15 Course structure. Members also approved to add new courses to the Open Electives and Professional Electives subjects list already given in R15 Regulations based on the requirement.

S No	Name of the Member	Designation	Signature
<b>Computer Science and Engineering / Information Technology</b>			
1.	Dr. H. Venkateswara Reddy	Chairman, BOS – CSE	
2.	Dr. M. Gopi Chand	Chairman, BOS - IT	
3.	Dr. Miryala Chandra Mohan	JNTUH Nominee - CSE	02/06/18
4.	Dr. R. Sridevi	JNTUH Nominee - IT	02/06/18
5.	Mr. Sudhir Mishra	Industry Expert	
6.	Dr.J.Kirankumar	Industry Expert	
7.	Dr. C. Krishna Mohan	Subject Expert	
8.	Dr. P.Niranjan	Subject Expert	
9.	Dr. S. Sai Satyanarayana Reddy	Member - CSE	
10.	Dr. M. A Jabbar	Member – CSE	
11.	Prof. A. Bhanu Prasad	Member – CSE	
12.	Prof. A. Rajinikanth	Member - CSE	
13.	Prof. Vivek Kulkarni	Member - CSE	
14.	Dr. G. Sagar	Member – IT	
15.	Dr. N. Anil Kumar	Member – IT	
16.	Dr. V. Munisekhar	Member – IT	
17.	Dr. K. Dhanasree Devi	Member – IT	
18.	Ms. E. R. Aruna	Member – IT	
19.	Mr. T. Raghunatha Reddy	Member – IT	
20.	Mr. Venkata Satyadeep Mane	Alumni - CSE	
21.	Mr. T. Venkatesh	Alumni - IT	



S No	Name of the Member	Designation	Signature
<b>Electronics and Communication Engineering</b>			
22.	Dr. J. V. R. Ravindra	Chairman, BOS	Ravindra
23.	Dr. B N Bhandari	JNTUH Nominee	Bhandari 26/6/18
24.	Mr. N. Venkatesh	Industry Expert	
25.	Dr. M Asha Rani	Subject Expert	M. Asha Rani 26/6/18
26.	Dr. R V S Satyanarayana	Subject Expert	R. V. S. Satyanarayana
27.	Dr. D. Rama Krishna	Subject Expert	D. Rama Krishna 26/6/18
28.	Prof. Y. Pandu Rangalah	Member	
29.	Dr. P. Nageswara Rao	Member	P. Nageswara Rao
30.	Dr. R. Murali Prasad	Member	
31.	Mr. Madhavaram Kartheek	Alumni	
<b>Electrical and Electronics Engineering</b>			
32.	Dr. N Kiran Kumar	Chairman, BOS	N. Kiran Kumar
33.	Dr. B.V .Shankar Ram	JNTUH Nominee	B. V. Shankar Ram
34.	Ms. D.Pavithra	Industry Expert	D. Pavithra
35.	Dr. A. V. Giridhar	Subject Expert	A. V. Giridhar 28/06/2018
36.	Dr. H. S. Jain	Member	H. S. Jain
37.	Dr. T Sai Rama	Member	T. Sai Rama
38.	Mr. Md. Asif	Member	Md. Asif
39.	Mr. T.C. Srinivasa Rao	Member	T. C. Srinivasa Rao
40.	Mr. S Nandan	Alumni	S. Nandan
<b>Mechanical Engineering</b>			
41.	Dr. B Subbaratnam	Chairman, BOS	B. Subbaratnam
42.	Dr. B Sudheer Prem Kumar	JNTUH Nominee	B. Sudheer Prem Kumar

S No	Name of the Member	Designation	Signature
43.	Dr. K Hema Chandra Reddy	Subject Expert	
44.	Dr. A V S S K Gupta	Subject Expert	
45.	Mr. Ajay P Chowdary	Industry Expert	
46.	Mr. P Mastanaiah	Industry Expert	
47.	Dr. B. Venkatesh	Member	
48.	Dr. K. Deepak	Member	
49.	Prof. N Srinivasa Reddy	Member	
50.	Mr. P Sarkar	Member	
51.	Mr. A. Suraj Kumar	Alumni	
<b>Civil Engineering</b>			
52.	Dr. C. Hari Prasad	Chairman, BOS	
53.	Dr. K Rama Mohan Rao	JNTUH Nominee	
54.	Mr. T. Someshwar Rao	Industry Expert	
55.	Dr. V Padmavathi	Subject Expert	
56.	Dr. K. Srinivasa Raju	Subject Expert	
57.	Prof. G.V.K. Reddy	Member	
58.	Dr. N Srujana	Member	
59.	Dr. Pradeep	Member	
60.	Dr. G. Mallikarjuna Rao	Member	
61.	Mr. M. Nagaraju	Alumni	
<b>Humanities &amp; Sciences</b>			
62.	Prof. S. Rajendar	Chairman, BOS	
63.	Dr. M. A. Srinivas	JNTUH Nominee	
64.	Dr. Reddy Y N	Subject Expert	

S No	Name of the Member	Designation	Signature
65.	Dr. R. Srinivas	Member - Mathematics	 26/6/18
66.	Dr. D. Srinivas Reddy	Member - Mathematics	
67.	Dr. S. Chandralingam	JNTUH Nominee	 21/6/18
68.	Dr. Prem Pal	Subject Expert	
69.	Dr. James A R	Subject Expert	 24/6/18
70.	Dr. P. Sarah	Member - Physics	
71.	Dr. P. Anji Reddy	Member - Physics	
72.	Dr. B. Rama Devi	JNTUH Nominee	 21/6/18
73.	Dr. Panasa Reddy A	Subject Expert	
74.	Dr. G. Chinna Rao	Member - Chemistry	
75.	Dr. B. Srinivas Reddy	Member - Chemistry	
76.	Dr. Ch. Sasikala	JNTUH Nominee	
77.	Dr. Venkata Mohan S	Subject Expert	
78.	Dr. Sridarala Ramu	Member - Environmental Science	
79.	Dr. B. Chandrasekhar Rao	Member - Environmental Science	
80.	Dr. V. Parvathi	JNTUH Nominee	 22/6/18
81.	Dr. Kishore Kumar R	Subject Expert	 02/6/18
82.	Dr. B. Kranthi Kumari	Member - English	
83.	Dr. Manu S Kurup	Member - English	

  
CHAIRPERSON - JOINT BOARD OF STUDIES

**MINUTES OF****8<sup>TH</sup> MEETING OF THE ACADEMIC COUNCIL HELD ON 7 JUNE, 2019**

The Eighth Meeting of the Academic Council was held at 3 PM on 7 June, 2019 (Friday) in the Board Room, Block – 5.

Dr. S Sai Satyanarayana Reddy chairperson of the Academic Council of Vardhaman College of Engineering (Autonomous), Shamshabad, Hyderabad presided over the meeting.

The following members were present:

S No.	Name	Designation	Category
1	Dr. S Sai Satyanarayana Reddy	Principal, Vardhaman College of Engineering Professor, CSE Department	Chairman
<i>(Three nominees of JNT University , Hyderabad)</i>			
2	Dr. V. Kamakshi Prasad	Professor & Director of Evaluation Dept. of Computer Science & Engineering JNTUH College of Engineering, Hyderabad	Member
3	Dr. G.K.Viswanadh	Director, UGC-HRDC, JNTUH	Member
4	Dr. N.V.Ramana	Professor & Principal JNTUH College of Engineering, Jagtial	Member
<i>(Experts from outside College, nominated by Governing Body)</i>			
5	Dr A V Guruva Reddy	Director, Sunshine Hospital, Secunderabad	Member
6	Sri Madhavi Chada	CEO and MD, Geethanjali Schools, Hyderabad	Member
7	Sri SriKanth Reddy	Advocate, High Court, Hyderabad	Member
8	Sri L V Sunil	Industry Expert	Member
<i>(Dean - Academics and Controller of Examinations)</i>			
9	Dr. J. V. R. Ravindra	Dean Academic and Professor & HOD, Electronics and Communication Engineering	Member
10	Dr. H. Venkateswara Reddy	Controller of Examinations and Professor & HOD, Computer Science and Engineering	
<i>(All the Heads of Department)</i>			
11	Prof. Vivek Kulkarni	I/C Head, Computer Science and Engineering	Member
12	Dr. M. Gopichand	Head, Information Technology	Member
13	Dr. B. Subbaratnam	Head, Mechanical Engineering	Member
14	Dr.N. Kiran Kumar	Head, Electrical and Electronics Engineering	
15	Prof. Md. Asif	I/C Head, Electrical and Electronics Engineering	Member
16	Prof. Y. Pandurangaiah	I/C Head, Electronics and Communication Engineering,	Member
17	Dr. G. Mallikarjun Rao	Head, Civil Engineering	Member
18	Prof. S. Rajendar	I/C Head, Humanities and Science	Member
19	Dr. V. Sreehari	Head, Management Studies	Member secretary
<i>(Four teachers representing different categories)</i>			
20	Dr. P. Nageswara Rao	Dean IQAC and Professor, Electronics and	Member

*Prof. S. Rajendar* *Dr. V. Sreehari*

		Communication Engineering	
21	Dr. G. V. K. Reddy	Professor, Department of Civil Engineering	Member

The following members were absent:

S No.	Name	Designation	Category
1	Dr. G. Mallikarjun Rao	Head, Civil Engineering	Member
2	Dr. H. S. Jain	Professor, Electrical & Electronics Engineering	Member
3	Dr. P. Sarah	Dean, Humanities and Science	Member

#### 1. Boards of Studies

- 1.1. The members have taken note of the Members on the Boards of Studies who are the nominees of the Affiliating University JNTUH, Hyderabad by the Vice - Chancellor.

Resolved to nominate the experts nominated by Vice-Chancellor on the Boards of Studies for a period of two years commencing from the academic year 2018-2019.

- 1.2. Nomination of Two Experts from outside the college for Boards of studies (BOS) of Computer Science and Engineering (CSE), Information Technology (IT), Electronics and Communication Engineering (ECE), Electrical and Electronics Engineering (EEE), Mechanical Engineering (ME), Civil Engineering (CE), Freshman Engineering (English, Mathematics, Physics, Chemistry and Environmental Science) and MBA.

Resolved to nominate the subject experts from outside the college of the Boards of Studies of the concerned department for a period of two years commencing from the academic year 2018- 2019.

- 1.3. Nomination of one expert from Industry and distinguished alumni for Boards of studies (BOS) of Computer Science and Engineering (CSE), Information Technology (IT), Electronics and Communication Engineering (ECE), Electrical and Electronics Engineering (EEE), Mechanical Engineering (ME), Aeronautical Engineering (AE), Civil Engineering (CE), Freshman Engineering (English, Mathematics, Physics, Chemistry and Environmental Science) and MBA.

Resolved to nominate the expert from Industry and distinguished alumni on the Boards of Studies for a period of two years commencing from the academic year 2018 - 2019.

- Chairman proposed the following names of the subject experts who can be nominated by the Academic Council for Boards of Studies in various branches of engineering offered in the college.

S.No.	Department	Courses	Name	Category
1.	Computer Science and Engineering (CSE)	B.Tech/M.Tech	Dr. H. Venkateswara Reddy Head, Dept. of CSE	Chairman
			Dr. B. Padmaja Rani Professor of CSE JNTUHCE, HYDERABAD	University Nominee
			Dr. C. Krishna Mohan Associate Professor, Dept. of CSE IIT, HYDERABAD	Subject Expert
			Dr. P. Niranjan Prof. & Head, Dept. of CSE, KITS, Warangal	Subject Expert

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S.No.	Department	Courses	Name	Category
			<b>1. Dr. J. Kiran Kumar</b> General Manager – Computing, Storage, Networks and Visualization Facility, National Remote Sensing Centre, ISRO, Hyderabad	Industry Expert
			<b>Mr. Venkata Satyadeep Mane</b> Senior Manager, CYIENT, Hyderabad-500081	Alumni
	Electronics and Communication Engineering (ECE)	B.Tech/M.Tech	<b>Dr. J.V.R. Ravindra</b> Professor & Head Department of ECE, VCE	Chairman
			<b>1. Dr. B N Bhandari</b> Professor, Dept. of ECE, JNTUHCE, HYD	University Nominee
			<b>2. Dr. R. V. S. Satyanarayana</b> Professor Dept. of EE, SVUCE, Tirupathi	Subject Expert
			<b>3. Dr. M. Asha Rani</b> Professor Dept. of ECE, JNTUHCE, HYD	Subject Expert
			<b>5. Dr. D. Rama Krishna</b> Associate Professor, Dept. of ECE, OUCE, HYD	Subject Expert
			<b>1. Mr. N. Venkatesh</b> Senior Vice President, Redpine Signals, Inc. Hyderabad	Industry Expert
			<b>2. Mr. Madhavaram Kartheek</b> Senior Executive, Qualcomm Technologies, Inc., HYD	Alumni
	Electrical and Electronics Engineering (EEE)	B.Tech/M.Tech	<b>Dr. N. Kiran Kumar</b> Head, Dept. of EEE, VCE, HYD	Chairman
			<b>Dr. K. Naga Sujatha</b> Prof. of EEE & Coordinator, A&P, JNTUHCE, HYD	University Nominee
			<b>Dr. A. V. Giridhar</b> Associate Professor, Dept. of EEE, NIT, Warangal	Subject Expert

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S.No.	Department	Courses	Name	Category
			<b>Ms. D.Pavithra</b> Assistant Engineer, TS TRANSCO, HYD	<b>Industry Expert</b>
			<b>Mr. S. Nandan</b> Assistant Engineer TSSPDCL, Begumbazar, Hyderabad	<b>Alumni</b>
	Civil Engineering (CE)	B.Tech/M.Tech	<b>Dr. G. Mallikarjuna Rao</b> Head, Dept. of CE, VCE	<b>Chairman</b>
			<b>Dr. P. Srinivasa Rao</b> Professor, Dept. of CE, JNTUHCE, HYD	<b>University Nominee</b>
			<b>Dr. V. Padmavathi</b> Associate Professor, Dept. of CE, JNTUHCE, HYD	<b>Subject Expert</b>
			<b>Dr. K. Srinivasa Raju</b> Professor, Dept. Of CE, BITS, HYD	<b>Subject Expert</b>
			<b>Mr.T.Someshwar Rao</b> General Manager, EGIS India, Hyderabad	<b>Industry Expert</b>
			<b>Mr. M. Nagaraju</b> AEE, Department of Rural Water Supply and Sanitation, Govt. of Telangana.	<b>Alumni</b>
	Information Technology (IT)	B.Tech	<b>Dr. M.Gopichand</b> Professor & HOD, Dept. of IT, VCE	<b>Chairman</b>
			<b>Dr. B. Padmaja Rani</b> Professor, Dept. of CSE, JNTUHCE, HYD	<b>University Nominee</b>
			<b>Dr. C. Krishna Mohan</b> Professor, Dept. of CSE, IIT, HYD	<b>Subject Expert</b>
			<b>Dr. P.Niranjan</b> Professor, Dept of CSE, KITS Warangal	<b>Subject Expert</b>
			<b>Dr.J.Kiran Kumar</b> Advisory Software Engineer, India Software Labs, IBM, Hyderabad	<b>Industry Expert</b>
			<b>Mr. P. Meherasees</b>	<b>Alumni</b>

S.No.	Department	Courses	Name	Category
	Mechanical Engineering (ME)	B.Tech/M.Tech	<b>Dr. B.Subbaratnam</b> Professor & HOD Dept. of ME, VCE Shamshabad, Hyderabad.	Chairman
			<b>Dr.B. Sudheer Prem Kumar,</b> Prof. of ME, JNTUHCE, HYD	University Nominee
			<b>Dr. A V S S K Gupta</b> Professor and Head Mechanical Engineering JNTUH Kukatpally, Hyderabad	Subject Expert
			<b>Dr. K. Hemachandra Reddy</b> Professor of Mechanical Engineering, Department of Mechanical Engineering, JNTUA College of Engineering, Ananthapur	Subject Expert
			<b>Mr. Ajay P Chowdary</b> General Manager, Tata Advanced Systems, Hyderabad	Industry Expert
			<b>Mr. P. Mastanaiah</b> Scientist-F, Head, Special Fabrication Division, Directorate of Advanced Material and Processes, DRDL, Kanchanbagh PO, Hyderabad	Industry Expert
			<b>Mr. A Suraj Kumar</b>	Alumni
	MBA	MBA	<b>Dr. V.Sreehari</b> Professor & HOD, Department of Management Studies, Vardhaman College of Engineering, Shamshabad, Hyderabad – 501218. <b>Dr.A.Prabhu Kumar</b> Director, School of Management Studies, JNTUH, Hyderabad. <b>Dr.A. Sudhakar</b> Professor,Dean, Department of Commerce and Management Dr. B.R.Ambedkar Open	

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S.No.	Department	Courses	Name	Category
			University Hyderabad <b>Dr.Sujendra Swamy P</b> Associate Professor, Wesley PG College, Secunderabad  <b>Sri. Praveen Gaidhane</b> Sr. Business Manager, Silicon business solutions Pvt. Ltd. Hyderabad <b>2. Mr. B.Raghu</b> Sales Trainee, Ramco cements limited, Hyderabad	
		<b>Board of Studies in Humanities and Science</b>		
	English		<b>1. Prof. S.Rajendar</b> Professor, Head Department of Freshman Engineering Vardhaman College Engineering, Hyderabad  <b>2. Dr V. Parvathi</b> Professor and Head Department of English JNTUH College of Engineering, Hyderabad  <b>3. Dr R. Kishore Kumar</b> Professor, Department of English as Second Language Studies The English and Foreign Languages University Hyderabad  <b>1. Mr Chaithanya Vaddi</b> HR AEDD NETX Cell pvt ltd	
	Mathematics		<b>1. Prof. S.Rajendar</b> Professor, Head Department of Freshman Engineering Vardhaman College Engineering, Hyderabad  <b>2. Dr. M.A.Srinivas</b> Professor Department of Mathematics	




S.No.	Department	Courses	Name	Category
			JNTUH College of Engineering, Hyderabad  <b>3. Dr. Y. N. Reddy</b> Professor Department of Mathematics NIT, Warangal-506004  <b>Dr P. Murali</b> Senior Director and Global Head VIRTUSA Hyderabad	
	Physics		<b>Prof. S.Rajendar</b> Professor, Head Department of Freshman Engineering Vardhaman College of Engineering, Hyderabad  <b>Dr. S. Chandralingam</b> Professor, Department of Physics JNTUH Hyderabad  <b>Dr. James A R</b> MRSI, Scientist E Defence Metallurgical Research Laboratory Defence Metallurgical Research Laboratory Kanchanbagh, Hyderabad  <b>Dr B.Gopal Krishna</b> Enterprise Architect Wipro Consulting Services Hyderabad	
	Chemistry and Environmental Science		<b>Prof. S.Rajendar</b> Professor, Head Department of Freshman Engineering Vardhaman College Engineering, Hyderabad  <b>2. Dr. B. Ramadevi</b> Professor, Department of Chemistry JNTUH College of Engineering, Hyderabad	

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S.No.	Department	Courses	Name	Category
			<b>3. Dr. A. Panasa Reddy</b> Professor, Head Department of Chemistry University College of Science Osmania University Hyderabad	
			<b>4. Dr. CH. SHASHIKALA</b> Professor Center for Environment Institute of Science and Technology JNTUH Kukatpally	
			<b>5. Dr. Venkata Mohan S</b> Principal Scientist CSIR-Indian Institute of Chemical Technology (Council of Scientific and Industrial Research) Ministry of Science & Technology, Government of India, Tarnaka, Hyderabad	
			<b>Dr V. N. Mani</b> Scientist CMET Hyderabad	

3. The Academic Council has approved the induction of new members into the council w.e.f academic year 2018-19. The list is appended

S No.	Name	Designation	Category
1	Dr. S Sai Satyanarayana Reddy	Principal, Vardhaman College of Engineering Professor, CSE Department	Chairman
<i>(Three nominees of JNT University , Hyderabad)</i>			
2	Dr. V. Kamakshi Prasad	Professor & Director of Evaluation Dept. of Computer Science & Engineering JNTUH College of Engineering, Hyderabad	Member
3	Dr. G.K.Viswanadh	Director, UGC-HRDC, JNTUH	Member
4	Dr. N.V.Ramana	Professor & Principal JNTUH College of Engineering, Jagtial	Member
<i>(Experts from outside College, nominated by Governing Body)</i>			
5	Dr A V Guruva Reddy	Director, Sunshine Hospital, Secunderabad	Member
6	Sri Madhavi Chada	CEO and MD, Hyderabad	Member
7	Sri SriKanth Reddy	Advocate, High Court, Hyderabad	Member
8	Sri L V Sunil	Industry Expert	Member
<i>(Dean - Academics and Controller of Examinations)</i>			

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9	Dr. J. V. R. Ravindra	Dean Academic and Professor & HOD, Electronics and Communication Engineering	Member
10	Dr. H. Venkateswara Reddy	Controller of Examinations and Professor & HOD, Computer Science and Engineering	
<b>(All the Heads of Department)</b>			
11	Prof. Vivek Kulkarni	I/C Head, Computer Science and Engineering	Member
12	Dr. M. Gopichand	Head, Information Technology	Member
13	Dr. B. Subbaratnam	Head, Mechanical Engineering	Member
14	Dr. Kiran Kumar	Head, Electrical and Electronics Engineering	
15	Prof. Md. Asif	I/C Head, Electrical and Electronics Engineering	Member
16	Prof. Y. Pandurangaiah	I/C Head, Electronics and Communication Engineering,	Member
17	Dr. G. Mallikarjun Rao	Head, Civil Engineering	Member
18	Prof. S. Rajendar	I/C Head, Humanities and Science	Member
19	Dr. V. Sreehari	Head, Management Studies	Member secretary
<b>(Four teachers representing different categories)</b>			
20	Dr. H. S. Jain	Professor, Electrical & Electronics Engineering	Member
21	Dr. P. Nageswara Rao	Dean IQAC and Professor, Electronics and Communication Engineering	Member
22	Dr. P. Sarah	Dean, Humanities and Science	Member
23	Dr. G V K Reddy	Associate Professor, Electrical & Electronics Engineering	Member

4. It is approved to introduce integrated Courses from second year first semester in R18 Regulations. In integrated courses theory and corresponding laboratory are considered as a single course and will be assessed simultaneously.

The assessment process is as follows:

#### Theory Courses

The evaluation of the students in each integrated/non-integrated course is a continuous process and is based on their performance in different examinations as mentioned below:

Table 1: Method of Evaluation for integrated course

Internal Evaluation	Continuous Internal Evaluation (CIE) Test -1: 20 marks Test -2: 20 marks Alternate Assessment: 20 marks Lab Test: 40 Marks Total marks:100 (Weightage 30%)	30 Marks
External Evaluation	Semester End Examination (SEE): 100 Marks (Weightage 70%)	70 Marks

Table 2: Method of Evaluation for theory course

Internal Evaluation	Continuous Internal Evaluation (CIE) Test - 1: 40 Marks Test - 2: 40 Marks Alternate Assessment: 20 marks Total marks:100(Weightage 30%)	30 Marks
External Evaluation	Semester End Examination (SEE): 100 Marks (Weightage 70%)	70 Marks

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Table 3: Method of Evaluation for lab course

Internal Evaluation	Continuous Internal Evaluation (CIE) Day-to-Day Evaluation: 50 Marks Lab Test: 50 Marks Total marks: 100 (Weightage 30%)	30 Marks
External Evaluation	Semester End Examination (SEE): 100 Marks (Weightage 70%)	70 Marks

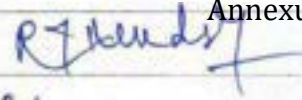
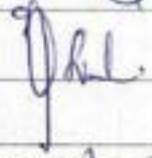
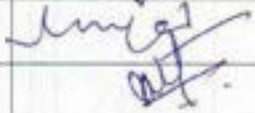

5. It is approved the amended course structure of B Tech and II B Tech detailed syllabus as approved in BOS held on 19 January 2019. The course structure of all four years and the detailed syllabus is enclosed as Annexure 1.
6. The council has approved the academic calendar for MBA, M.Tech and B Tech for the Academic year 2019-20 and is enclosed as Annexure 2.
7. The panel of Examiners for lab examinations and projects evaluation is approved and the list is enclosed in Annexure 3.
8. The committee has suggested to go for new regulations to include integrated courses from first year onwards after taking the approval from the BOS members of the respective departments and Joint BOS.


The 8<sup>th</sup> Meeting of the Academic Council concluded with thanks to the Members.

S No.	Name	Category	Signature
1	Dr. S. Sai Satyanarayana Reddy	Chairman	
2	Dr. V. Kamakshi Prasad	Member	
3	Dr. G. K. Viswanadh	Member	
4	Dr. N. V. Ramana	Member	
5	Dr. A. V. Guruva Reddy	Member	
6	Sri. Madhavi Chada	Member	
7	Sri. SriKanth Reddy	Member	
8	Sri. L. V. Sunil	Member	
9	Dr. H. Venkateswara Reddy	Member	
10	Dr. J. V. R. Ravindra	Member	
11	Prof. Vivek Kulkarni	Member	
12	Dr. M. Gopichand	Member	
13	Dr. B. Subbaratnam	Member	
14	Dr. N. Kiran Kumar	Member	
15	Prof. Md. Asif	Member	
16	Prof. Y. Pandurangaiah	Member	
17	Dr. G. Mallikarjun Rao	Member	





18	Prof. S. Rajendar	Member	
19	Dr. V. Sreehari	Member secretary	
20	Dr. H. S. Jain	Member	
21	Dr. P. Nageswara Rao	Member	
22	Dr. P. Sarah	Member	
23	Dr. G. V. K. Reddy	Member	

  
Dr. S. Sai Satyanarayana Reddy  
Chairman, Academic Council