



TAMILNADU PHYSICAL EDUCATION AND SPORTS UNIVERSITY, CHENNAI

The details of the minutes of Board of Studies (BOS) conducted by various departments of this university are attached herewith for your kind reference.



V. S. S.

Registrar
Registrar
Tamilnadu Physical Education
and
Sports University
Chennai

Tamil Nadu Physical Education and Sports University, Chennai - 600127

Department of Advanced Sports Training and Technology

Board of Studies in Sports Technology

The meeting of the Board of Studies for Sports Technology was held on **23.04.2018 (Monday) at 04.00 pm** in Tamil Nadu Physical Education and Sports University, Chennai - 600127. The following members were present for the meeting:

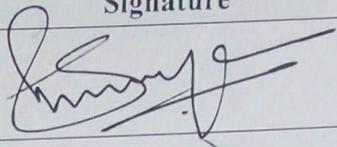
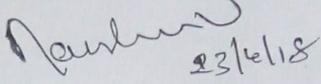
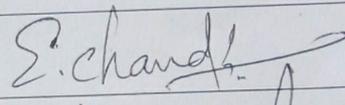
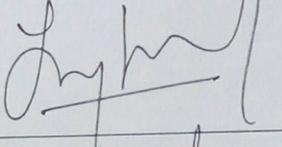
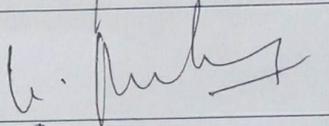
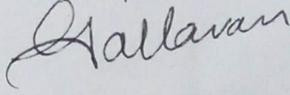
S. No.	Name, Designation and Address
1	Dr.R.Subramanian , Professor and Head, Department of Advanced Sports Training and Technology, TNPESU, Chennai - 600127.
2	Dr.R.Ramakrishnan , Professor, Department of Advanced Sports Training and Technology, TNPESU, Chennai - 600127.
3	Dr.E.Chandrasekaran , Prof. of Civil Engineer, Crescent Engineering College, Vandalur, Chennai-48
4	Dr.K.Jayabalan , Assistant Professor, Department of Mechanical Engineering, Indian Institute of Information Technology, Design and Manufacturing, Nellikuppam, Chennai-127
5	Dr.Prem Kumar , Assistant Professor, Indian Institute of Information Technology, Design and Manufacturing, Nellikuppam, Chennai-127
6	Dr.G. Nallavan , Assistant Professor, Department of Advanced Sports Training and Technology, TNPESU, Chennai - 600127 (Special Invitee)

MINUTES OF THE BOARD OF STUDIES

Resolved that the members of the Board of Studies in Sports Technology have discussed, devised and approved the revised curriculum, Syllabi and regulations of Master of Technology (M.Tech) in Sports Technology programme under the Choice Based Credit System (CBCS) offered by the Department of Advanced Sports Training and Technology of this University. The duration of this programme is two years and the total credit requirements are 68 credits along with 12 credits for non-CGPA courses. The members of the board suggested to include Professional Ethics in the audit course. The members also suggested to include case studies under each chapter wherever possible. The detailed curriculum, syllabi and regulations of M.Tech in Sports Technology Programme under the CBCS are appended in this minutes.

Further, it was also noted by the members of the Board that the Master of Technology (M.Tech) is a Technical Programme offered by the *Department of Sports Technology* which has been approved by the *All India Council for Technical Education (AICTE)* since the academic year 2012-2013 onwards and therefore, the Department of Sports Technology cannot be merged

with the Department of Advanced Training and Coaching as these two Departments are not related. Hence, it was unanimously resolved to recommend that the existing Department of Advanced Sports Training and Technology' to be restored as 'Department of Sports Technology' as it was existed at the time of inception of the University (as per G.O.Ms.No.233, Higher Education (K2) Department, Government of Tamil Nadu, dated 21.07.2006) in order to satisfy the requirements of AICTE and also for the benefits of students as the Degree would be awarded under the Department of Sports Technology of this University.

Sl.No	Name of the Member	Signature
1	Dr.R.Subramanian , Professor and Head, Department of Advanced Sports Training and Technology, TNPESU, Chennai - 600127.	
2	Dr.R.Ramakrishnan , Professor, Department of Advanced Sports Training and Technology, TNPESU, Chennai - 600127.	 23/4/18
3	Dr.E.Chandrasekaran , Prof. of Civil Engineer, Crescent Engineering College, Vandalur, Chennai-48	
4	Dr.K.Jayabalan , Assistant Professor, Department of Mechanical Engineering, Indian Institute of Information Technology, Design and Manufacturing, Nellikuppam, Chennai-127	
5	Dr.Prem Kumar , Assistant Professor, Indian Institute of Information Technology, Design and Manufacturing, Nellikuppam, Chennai-127	
6	Dr.G. Nallavan , Assistant Professor, Department of Advanced Sports Training and Technology, TNPESU, Chennai - 600127 (Special Invitee)	



தமிழ்நாடு உடற்கல்வியியல் மற்றும் விளையாட்டுப் பல்கலைக்கழகம்
TAMILNADU PHYSICAL EDUCATION AND SPORTS UNIVERSITY

(Estd. by the Govt. of Tamil Nadu Under Act No. 9 of 2005)

Vandalur - Kelambakkam Road, Melakottaiyur (PO), Chennai - 600 127. Tel : 044 - 2740 2621
E-mail : tnpesu@rediffmail.com Website : www.tnpesu.org

Dr. P. Samraj
Registrar i/c.,

No. TNPESU/R1/BOS-Technology./ 2014-1

Date: 17.04.2014

To

1	Dr. R. Ramakrishnan, Prof & Head, Department of Advanced Sports Training and Technology, TNPESU – Chairman
2	Dr. L. Karunamoorthy, Professor & Head, Department of Mechanical Engineering, College of Engineering, Anna University, Chennai – 25
3	Dr. K. Nagamani, Professor & Head, Department of Civil Engineering, College of Engineering, Anna University, Chennai – 25
4	Dr. R. Jayavel, Professor & Director, Centre for Nano Science, Anna University (AC Tech), Chennai – 25
5	Dr. V.S. Senthilkumar, Associate Professor, Department of Mechanical Engineering, College of Engineering, Anna University, Chennai – 25
6	Dr. M. Kannan, Associate Professor, Department of Electronics Engineering, College of Engineering, Anna University, Chennai – 25
7	Dr. P. Samraj, Professor & Head, Department of Physical Education, Tamil Nadu Physical Education and Sports University, Chennai – 127.

Sir,

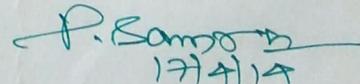
Sub: Tamil Nadu Physical Education and Sports University – Department of Advanced Sports Training and Technology – Meeting of Board of Studies – Date Intimation - reg.

I am by direction to inform that the **Board of Studies for the Department of Advanced Sports Training and Technology** of Tamil Nadu Physical Education and Sports University is scheduled to be held on **29.04.2014 (Tuesday) by 11.00 a.m. in the Conference Hall of this University**, in view of preparation / modification of Syllabus pertaining to **M-Tech., Sports Technology Programme** under regular mode.

In this connection, I request you to kindly make it convenient to attend the meeting. Eligible TA / DA, and Honorarium will be paid as per University norms.

Thanking you,

Yours faithfully,


17/4/14
REGISTRAR i/c.,

Copy to

The Finance Section for disbursement of TA/DA etc.,

**Tamil Nadu Physical Education and Sports University
Chennai- 127**

Department of Sports Management and Sports Psychology & Sociology

Board of Studies in Management

The Meeting of the Board of Studies was held on **28.07.2015 (Tuesday)** by **11.00 a.m. in the University Campus** in view of modification of Syllabus pertaining to **M.Phil., (Sports Management) and M.Phil., (Management) under Regular Mode and preparation of curriculum and syllabus for B.B.A (Sports Management) under Distance Education Mode.** The following members were present for the Meeting.

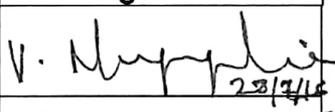
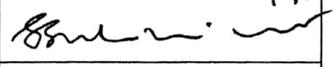
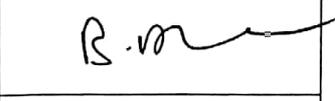
S.No	Name & Designation
1.	Dr. V. Mangaiyarkarasi , Prof & Head, Department of Sports Management and Sports Psychology & Sociology, TNPESU, Chennai - 127 - Chairperson
2.	Dr. S. Subramanian , Professor, School of Management, Tamil Nadu Open University, Saidapet, Chennai.
3.	Mr.B. Devamainathan , Assistant Professor in Management, Institute of Distance Education, University of Madras, Chepauk, Chennai.
4.	Dr. S. Premkumar , Associate Professor, Department of Sports Management and Sports Psychology & Sociology, TNPESU, Chennai - 127

Leave of absence was granted to **Dr. R. Magesh**, Associate Professor, Department of Management Studies, Anna University, Guindy, Chennai – 25.

MINUTES OF THE BOARD OF THE STUDIES

Resolved that the Members of the Board of Studies in Management have discussed, reviewed, modified and approved the curriculum and Syllabi which are appended to this Minutes for the following courses.

S.no	Name of the Courses
1.	B.B.A (Sports Management) – DDE Mode – (New Course)
2.	M.Phil., (Management) – Regular Mode – (Modified)
3.	M.Phil., (Sports Management) – Regular Mode – (Modified)

S.No	Name & Designation	Signature
1.	Dr. V. Mangaiyarkarasi , Prof & Head, Department of Sports Management and Sports Psychology & Sociology, TNPESU, Chennai - 127 - Chairperson	
2.	Dr. S. Subramanian , Professor, School of Management, Tamil Nadu Open University, Saidapet, Chennai.	
3.	Mr.B. Devamainathan , Assistant Professor in Management, Institute of Distance Education, University of Madras, Chepauk, Chennai.	
4.	Dr. S. Premkumar , Associate Professor, Department of Sports Management and Sports Psychology & Sociology, TNPESU, Chennai - 127	

**Tamil Nadu Physical Education and Sports University
Chennai- 127**

Department of Sports Management and Sports Psychology & Sociology

Board of Studies in Management

The meeting of the Board of Studies was held on **29.04.2014 (Tuesday)** by **11.00 a.m. in the Conference Hall** of Tamil Nadu Physical Education and Sports University, Chennai – 127. The following members were present for the Meeting:

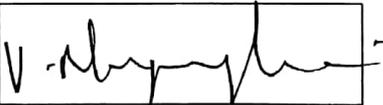
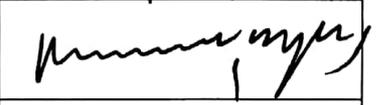
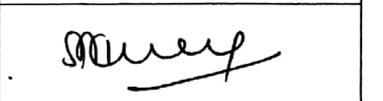
S.No	Name & Designation
1.	Dr. V. Mangaiyarkarasi, Prof & Head, Department of Sports Management and Sports Psychology & Sociology, TNPESU, Chennai - 127 – Chairperson
2.	Dr. R. Magesh, Associate Professor, Department of Management Studies, Anna University, Guindy, Chennai - 25
3.	Dr. B. Devamainathan, Assistant Professor in Management, Institute of Distance Education, University of Madras, Chepauk, Chennai.
4.	Dr. S. Premkumar, Associate Professor, Department of Sports Management and Sports Psychology & Sociology, TNPESU, Chennai - 127

The following member was absent viz., Dr. S. Subramanian, Assistant Professor,
School of Management, Tamil Nadu Open University, Saidapet, Chennai.

MINUTES OF THE BOARD OF STUDIES

Resolved that the Members of the Board of Studies in Management have discussed, reviewed and approved the curriculum and Syllabi (appended to this minutes) for the following courses:

S.no	Name of the Courses
1.	M.Phil., Sports Management – Regular Mode
2.	M.Phil., Management – Regular Mode
3.	M.B.A. Sports Management – Regular & DDE Mode
4.	M.B.A., Management – Regular & DDE Mode

1.	Dr. V. Mangaiyarkarasi, Prof & Head, Department of Sports Management and Sports Psychology & Sociology, TNPESU, Chennai - 127 – Chairperson	
2.	Dr. R. Magesh, Associate Professor, Department of Management Studies, Anna University, Guindy, Chennai - 25	
3.	Dr. B. Devamainathan, Assistant Professor in Management, Institute of Distance Education, University of Madras, Chepauk, Chennai.	
4.	Dr. S. Premkumar, Associate Professor, Department of Sports Management and Sports Psychology & Sociology, TNPESU, Chennai - 127	

Tamil Nadu Physical Education and Sports University, Chennai - 600127

Department of Sports Management and Sports Psychology & Sociology

Board of Studies in Management

The meeting of the Board of Studies in Management was held on **23.04.2018 (Monday)** at **02.30 pm** in Tamil Nadu Physical Education and Sports University, Chennai - 600127. The following members were present for the meeting:

S. No.	Name, Designation and Address
1	Dr.Shahin Ahmed , Professor and Head, Department of Sports Management and Sports Psychology & Sociology, TNPESU, Chennai - 600127.
2	Dr.R.Magesh , Associate Professor, Department of Management Studies, Anna University, Gunidy, Chennai - 600025.
3	Dr.B.Devamaindhan , Assistant Professor in Management Studies, Institute of Distance Education, University of Madras, Chennai - 600005
4	Dr.S. Prem Kumar , Professor, Department of Sports Management and Sports Psychology & Sociology, TNPESU, Chennai - 600127.

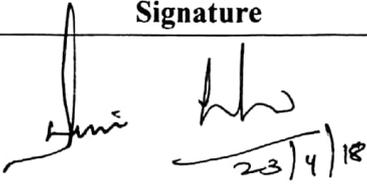
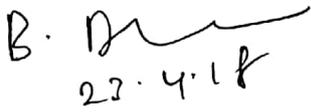
Member in lieu of absent: Dr.S.Subramanian, Professor and Director, School of Management Studies, Tamil Nadu Open University, Saidapet, Chennai – 600015.

MINUTES OF THE BOARD OF STUDIES

Resolved that the members of the Board of Studies in Management have discussed, devised and approved the revised curriculum, Syllabi and regulations of Master of Business Administration (M.B.A) in Sports Management programme under the Choice Based Credit System (CBCS) offered by the Department of Sports Management and Sports Psychology & Sociology of this University. The duration of this programme is two years and the total credit requirements are 102 credits along with 12 credits for non-CGPA courses. The detailed curriculum, syllabi and regulations of M.B.A in Sports Management programme under the CBCS are appended in this minutes.

Further, it was also noted by the members of the Board that the Master of Business Administration (M.B.A) is a Technical Programme offered by the *Department of Sports Management* which has been approved by the *All India Council for Technical Education (AICTE)* since the academic year 2009-2010 onwards and therefore, the Department of Sports Management cannot be merged with the Department of Sports Psychology and Sociology as these two Departments are not related. Hence, it was unanimously resolved to recommend that the existing 'Department of Sports Management and Sports Psychology & Sociology' to be

restored as 'Department of Sports Management' as it was existed at the time of inception of the University (as per G.O.Ms.No.233, Higher Education (K2) Department, Government of Tamil Nadu, dated 21.07.2006) in order to satisfy the requirements of AICTE and also for the benefits of students as the Degree would be awarded under the Department of Sports Management of this University.

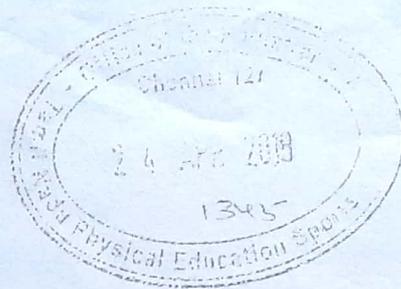
Sl.No	Name of the Member	Signature
1	Dr.Shahin Ahmed , Professor and Head, Department of Sports Management and Sports Psychology & ^{Sociology} Psychology, TNPESU, Chennai - 600127.	 23/4/18
2	Dr.R.Magesh , Associate Professor, Department of Management Studies, Anna University, Gunidy, Chennai - 600025.	
3	Dr.B.Devamaindhan , Assistant Professor in Management Studies, Institute of Distance Education, University of Madras, Chennai - 600005	 23.4.18
4	Dr.S. Prem Kumar , Professor, Department of Sports Management and Sports Psychology & Psychology, TNPESU, Chennai - 600127.	 23/4/18

From

Dr. R. Elangovan,
Professor & Head,
Dept of yoga,
TNPLSU,
Chennai. 600127

24/4/18

Chennai,
24.4.18



To

The Registrar,
TNPLSU,
Chennai. 600127.

Respected Sir,

I wish to bring to your kind attention that we, the department of yoga conducted Board of Studies Meetings for Regular and Distance Mode on 23.4.18 in yoga.

I herewith attach the Minutes of the Meeting and the TASSDA forms (filled-in) of the Members attended separately.

I request you to kindly accept the same.

Thanking you,

Yours faithfully,
R. Elangovan
(Dr. R. Elangovan)

**Tamil Nadu Physical Education and Sports University,
Chennai- 600 127**

Department of Yoga- Board of studies

The Meeting of the Board of studies was held on 23.4.2018 (Monday) by 11.00 a.m. in the Conference Hall of Tamil Nadu Physical Education and Sports University.

The following members were present at the meeting

S.No	Name and Designation
1	Dr.R.Elangovan, Professor & Head, Department of Yoga, TNPESU- Convener
2	Dr.G.Ravindran,Principal, KoviloorAandavar Collage of Physical Education and Sports Sciences, KoviloorMandalayam, Koviloor – 630 307
3	Dr.N.A.Perummal, Yoga for Human Excellence – Director General – Vision of Wisdom , Temple of Consciosuness, ArutperumJothi Nagar, AliyarPollachi – 642 010 Special Invitee
4.	Mr.Ramamoorthi, Yoga for Human Excellence, Director- Vision of Wisdom . Temple of Consciosuness, ArutperumJothiNagar, AliyarPollachi – 642 110 Special Invitee.

The following members were absent viz.

Dr.D.Rukmani, Technical officer center for yoga studies, Annamalai University, Annamalai Nagar -608002.

Dr. N.Chandrasekaran, Viniyoga Healing Foundation Of India, No.7,25th Cross Street, Besent Nagar, Chennai-600090.

Mr.A.Subramanian, Faculty, Swami Vivekananda Yoga AnusandhanaSamsthana University, EknathBhavan,19, Gavipuram Circle, K G Circle,Bangalore-560009,

Mr.B.Sivaramakrishnan, Director, Sri Shankara College of Yoga and Naturopathy, Sannasipatti, Poolankulathupatti Post, Trichy-620 009.

MINUTES OF THE BOARD OF THE STUDIES

Item No-1

Resolved to follow CBCS system in all Yoga and Yoga related courses (UG and PG degrees only) – (Yoga and Yoga for Human Excellence)being taught and to be introduced at TNPESU and affiliated Colleges of Yoga from the academic year 2018-19.

Item No -2

Resolved to consider and approve the preparation/modification of Syllabus pertaining to Yoga

and Yoga related courses (UG and PG degrees only) – (Yoga and Yoga for Human Excellence) for Regular mode, come under CBCS system from the academic year 2018-19.

Item No -3

Resolved to consider and approve the preparation/modification of Syllabus pertaining to Yoga courses for Regular mode such as,

1. PG Diploma in Naturopathy
2. PG Diploma in Yoga for Human Excellence
3. Diploma in Yoga for Human Excellence
4. Certificate course in Yoga for Human Excellence
5. B.Sc in Yoga
6. M.Sc in Yoga
7. B.Sc in Yoga for Human Excellence
8. M.Sc in Yoga for Human Excellence

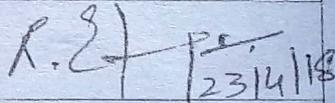
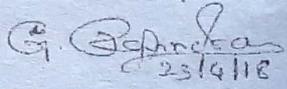
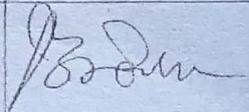
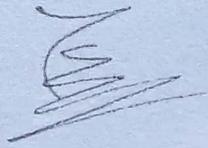
Item No -4

Resolved to approve the fee structure for P.G Diploma in Naturopathy (as per P.G Diploma in Yoga now). P.G Diploma in Yoga for Human Excellence (as per P.G Diploma in Yoga). Diploma in Yoga for Human Excellence (as per Diploma in Yoga). Certificate course in Yoga for Human Excellence (as per Certificate course in Yoga or Diploma in Yoga) (Item No - 3)

Item No -5

Resolved to approve the examiners for evaluation and question paper setting (attached)

The committee after finalizing the above matters recommended to the academic council for its approval.

S.No	Name and Designation	Signature
1	Dr.R.Elangovan, Professor & Head, Department of Yoga, TNPESU- Convener	
2	Dr.G.Ravindran, Principal, Koviloor Aandavar Collage of Physical Education and Sports Sciences, Koviloor Mandalayam, Koviloor – 630 307	
3	Dr.N.A.Perummal, Yoga for Human Excellence – Director General – Vision of Wisdom, Temple of Consciousness, Arutperum Jothi Nagar, Aliyar Pollachi – 642 010 Special Invitee	
4.	Mr.Ramamoorthi, Yoga for Human Excellence, Vision of Wisdom, Temple of Consciousness, Arutperum Jothi Nagar, Aliyar Pollachi – 642 110 Special Invitee.	

**Tamil Nadu Physical Education and Sports University,
Chennai- 600 127**

**School of Distance Education
Department of Yoga- Board of studies**

The Meeting of the Board of studies was held on 23.4.2018 (Monday) by 10.00 a.m. in the Conference Hall of Tamil Nadu Physical Education and Sports University.

The following members were present at the meeting

S.No	Name and Designation
1	Dr.R.Elangovan, Professor & Head, Department of Yoga, TNPESU- Convener
2	Dr.V.Duraisami, Assistant Professor, Department of Yoga TNPESU
3	Dr.V.Gopinath, Professor, Department of Physical Education and Sports Annamalai University, Annamalai Nagar
4	Dr.C.Sugumar Deputy Director of Physical Education, Gandhigram University, Gandhigram

The following members were absent viz.

Dr.S.Selvalakshmi, Assistant Professor, Department of Yoga, TNPESU

Dr.K.Balasubramanian, Professor & Head, Department of Physical Education and Health Sciences, Alagappa University, Karaikudi.

Dr.K.Venkatachalapathy, Assistant Professor, Yoga Centre, Annamalai University, Annamalai Nagar

Dr.K.Chandrasekaran, Professor & Head, Department of Physical Education Madurai Kamaraj University, Madurai

MINUTES OF THE BOARD OF THE STUDIES

Item No -1

Resolved to consider and approve the preparation/modification of Syllabus pertaining to Yoga courses for Distance mode such as,

1. PG Diploma in Naturopathy

Item No -2

Resolved to approve the fee structure (Tuition fee: Rs.5,600/-)for the above course (PG Diploma in Naturopathy) as per PG Diploma in Yoga and Naturopathy, being conducted now.

Item No -3

Resolved to approve the examiners for evaluation and question paper setting (attached)

Item No -4

Resolved to keep some courses in abeyance and not to conduct from the academic year 2018-2019 temporarily

- M.Sc in Yoga and Nature Cure
- M.Sc in Yoga and Nature Cure(Lateral Entry)
- M.Sc in Nature cure and Yoga
- M.Sc in Nature cure and Yoga (Lateral Entry)
- M.Sc in Naturopathy and Yogic Sciences
- PG Diploma in Yoga and Nature Cure
- B.Sc in Yoga and Nature Cure
- B.Sc in Yoga and Nature Cure (Lateral Entry)
- Diploma in Yoga and Nature Cure
- Certificate course in Yoga and Nature Cure
- Certificate course in Nature Cure and Yoga

The committee after finalizing the above matters recommended to the academic council for its approval.

S.No	Name and Designation	signature
1	Dr.R.Elangovan, Professor & Head, Department of Yoga, TNPESU- Convener	R. E. / 23/4/18
2	Dr.V.Duraisami, Assistant Professor, Department of Yoga TNPESU	V. Duraisami
3	Dr.V.Gopinath, Professor, Department of Physical Education and Sports Annamalai University, Annamalai Nagar	V. G. / 23/4/18
4	Dr.C.Sugumar Deputy Director of Physical Education, Gandhigram University, Gandhigram	C. Sugumar

2	Physical Education	08.06.2016	10.06.2016	<p>Resolved to approve the following</p> <ul style="list-style-type: none"> • Preparation of Syllabus pertaining to Bachelor of Physical Education (B.P.Ed., - Two Years - Teacher Education) under regular mode offered by University Department of Physical Education from the Academic Year 2016-2017. • Change of Name of the Degrees as B.P.E.S and M.P.E.S instead of B.P.E and M.P.E. vide UGC notification No. F.5-1/2015 (CPP-II) dated 2nd May 2016 and B.P.E.S is only a degree program which is eligible for admission to B.P.Ed., Course. • Syllabus of B.P.E.S Course with the following three parts. <ul style="list-style-type: none"> • Part - I: Language • Part - II: English • Part - III: Major and Allied Subjects • Part - IV: Extension Activities - Village Placement Programme <p>The Members elaborately discussed the Subject matter and also resolved to consider B.P.E.S as a non Professional Physical Education Course. (Not considered as a Teacher Training course in Physical Education) as this Course is not included in the National Council for Teacher Education (NCTE), which is the apex body for Teacher Education in India.</p> <p>Being the non professional Course, the teaching practice / coaching practice is not included. The candidates who completed the B.P.E.S Degree Course are not eligible for direct admission to M.P.Ed., Course and they are eligible to B.P.Ed., Course. Further it was resolved that there is no age limit for pursuing Physical Education Courses for Ex-Service Men.</p>																	
	Yoga	08.06.2016	10.06.2016	<p>Resolved to approve the courses of Department of Yoga in Part Time (One) and Distance Education Mode (Seven Courses). Further resolved that the Acupuncture Courses appended to this Minutes would be used to teach and assist only. Not to practice as a Doctor. The Courses are as follows.</p>																	
<table border="1"> <thead> <tr> <th data-bbox="651 1606 734 1638">S.No</th> <th data-bbox="816 1617 1090 1659">Name of the Programme</th> </tr> </thead> <tbody> <tr> <td data-bbox="679 1648 706 1680">1</td> <td data-bbox="747 1659 1063 1690">M.Phil., in Yoga (Part Time)</td> </tr> <tr> <td data-bbox="679 1680 706 1711">2</td> <td data-bbox="747 1690 1159 1753">M.Sc., in Acupuncture (Two Years) - DDE</td> </tr> <tr> <td data-bbox="679 1753 706 1785">3</td> <td data-bbox="747 1753 1159 1816">M.Sc., in Acupuncture (Lateral Entry) - DDE</td> </tr> <tr> <td data-bbox="679 1816 706 1848">4</td> <td data-bbox="747 1816 1159 1858">P.G. Diploma in Acupuncture - DDE</td> </tr> <tr> <td data-bbox="679 1858 706 1890">5</td> <td data-bbox="747 1858 1090 1900">B.Sc., in Acupuncture - DDE</td> </tr> <tr> <td data-bbox="679 1900 706 1932">6</td> <td data-bbox="747 1900 1118 1942">Diploma in Acupuncture - DDE</td> </tr> <tr> <td data-bbox="679 1942 706 1974">7</td> <td data-bbox="747 1942 1173 2005">Certificate Course in Acupuncture - DDE</td> </tr> <tr> <td data-bbox="679 2005 706 2037">8</td> <td data-bbox="747 2005 1179 2068">Certificate Course in Yoga Education - DDE</td> </tr> </tbody> </table>				S.No	Name of the Programme	1	M.Phil., in Yoga (Part Time)	2	M.Sc., in Acupuncture (Two Years) - DDE	3	M.Sc., in Acupuncture (Lateral Entry) - DDE	4	P.G. Diploma in Acupuncture - DDE	5	B.Sc., in Acupuncture - DDE	6	Diploma in Acupuncture - DDE	7	Certificate Course in Acupuncture - DDE	8	Certificate Course in Yoga Education - DDE
S.No	Name of the Programme																				
1	M.Phil., in Yoga (Part Time)																				
2	M.Sc., in Acupuncture (Two Years) - DDE																				
3	M.Sc., in Acupuncture (Lateral Entry) - DDE																				
4	P.G. Diploma in Acupuncture - DDE																				
5	B.Sc., in Acupuncture - DDE																				
6	Diploma in Acupuncture - DDE																				
7	Certificate Course in Acupuncture - DDE																				
8	Certificate Course in Yoga Education - DDE																				



தமிழ்நாடு உடற்கல்வியியல் மற்றும் விளையாட்டு பல்கலைக்கழகம்
TAMILNADU PHYSICAL EDUCATION AND SPORTS UNIVERSITY, CHENNAI
Accredited with "B++" Grade by NAAC
India's First State University in Physical Education and Sports

Dr. T. Radhakrishnan
Registrar

No. TNPESU/Regr/BOS – Bio.Mec./2018-1

Date: 13.04.2018

To

1	Dr. (Mrs). Grace Helina, Prof & Head, Department of Exercise Physiology and Biomechanics, TNPESU
2	Dr. P. Rajinikumar, Assistant Professor, Department of Exercise Physiology and Biomechanics, TNPESU
3	Dr.Gopinathan, Professor, Dept. of Physical Education and Sports Sciences, Annamalai University, Chidambaram. Cell: 9443184750
4	Dr. Dobson Dominic, Head of the Department, PMR & Sports Medicine, Chettinadu University, Kelambakkam, Chennai. Cell: 9443328414
5	Dr. Manivannan, Professor, Dept. of Applied Mechanics, Indian Institute of Technology (IITM), Chennai.
6	Dr. Praveen, Dept. Sports Biomechanics, Sports Authority of India, Bangalore
7	Dr. Pandithevan, Assistant Professor, School of Mechanical Engg. Indian Institute of Technology for Design and Manufacturing (IITDM), Kancheepuram. Cell: 9566068420

Sir / Madam,

Sub: Tamil- Nadu Physical Education and Sports University – Department of
Exercise Physiology and Biomechanics – Meeting of Board of Studies – Date Intimation
- reg.

I am by direction to inform that the Board of Studies for the Department of Exercise
Physiology and Biomechanics of Tamil Nadu Physical Education and Sports University is
scheduled to be held on 23.04.2018 (Monday) by 10.30 a.m. in the Syndicate Hall of this
University.

In this connection, I request you to kindly make it convenient to attend the meeting. Eligible
TA / DA, and Honorarium will be paid as per University norms.

Thanking you,

Yours faithfully,

REGISTRAR
Registrar

Tamil Nadu Physical Education
and Sports University
Melakottaiyur,
Chennai - 600 127

Copy to

1. The Finance Officer (Disbursement of TA/DA etc., Accommodation and Hospitality)
2. The Controller of Examinations
3. The NAAC Coordinator

Tamil Nadu Physical Education and Sports University

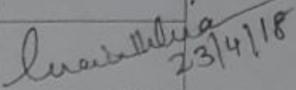
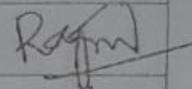
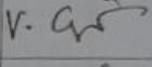
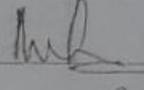
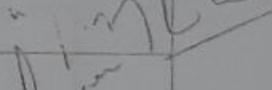
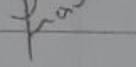
Dept. of Exercise Physiology and Biomechanics

MSc., Sports Biomechanics and Kinesiology

Board of Studies Meeting on 23.04.2018

The Board of Studies meeting for MSc., Sports Biomechanics and Kinesiology was held at the administrative building on 23.04.2018 at 10.30 am.

Members Present

Sl. No	Name	Designation	Signature
1.	Dr. (Mrs). Grace Helina	Prof & Head, Dept. Exercise Physiology and Biomechanics, TNPESU	 23/4/18
2.	Dr. P. Rajinikumar	Asst. Prof. Dept. Exercise Physiology and Biomechanics, TNPESU	
3.	Dr. V. Gopinath	Prof Dept. of Physical Education, Annamalai University	
4.	Dr. Dobson Dominic	HOD, PMR & Sports Medicine, Chettinadu university, Chennai	
5.	Dr. Manivannan	Professor, Dept. of Applied Mechanics, IITM, Chennai	
6.	Dr. Praveen	Dept. of Biomechanics, SAI, Bangalore	

It was resolved to implement the CBCS curriculum in MSc., Sports Biomechanics and Kinesiology from the academic year 2018-19 with the following changes.

1. Replacing the Biomechanics of asanas course with Sports Technology as Discipline Specific Elective.
2. To Change the Applied anatomy course name as functional anatomy
3. The maximum strength of the MSc Sports Biomechanics and Kinesiology to be 20 students.
4. The Internship may be done with Sports Biomechanics lab / renowned Sports science centres / IIT Madras / Chettinadu Academy of Research Institute/ or any other suitable centre of sports.
5. The fee structure, percentage of attendance, and the examination pattern will go in accordance with university system.
6. The maximum duration of the course is 4 years right from the admission into the course.
7. The credits for thesis is increased from 06 credits to 10 credits to a total 110 credits. - Subject to the approval of CBCS committee.

Tamil Nadu Physical Education and Sports University

Programme - MSc., Sports Biomechanics and Kinesiology – 2018-19

Semester – I							
Part –I	Course Code	Name of the Course	Lecture	Credit	Internal	External	Total
Core Theory	MSBCT 101	Functional Anatomy and Physiology	4	4	25	75	100
	MSBCT 102	Basic Biomechanics	4	4	25	75	100
	MSBCT 103	Dynamics of motor skill acquisition	4	4	25	75	100
DSE	MSBDSE 101	Mathematics in biomechanics	4	4	25	75	100
	MSBDSE 102	Foundations of Fitness and Exercise Prescription			25	75	100
Part –II Core Practical	MSBCP101	Sports Biomechanics and Kinesiology	3	2	25	75	100
	MSBCP102	Techniques of Track & Field Events	3	2	25	75	100
Total	CGPA			20 C			600
Part – III A NON CGPA	AEC	Communicative skills	2	2	25	75	100
PART – III B NON CGPA	Co Curricular Activities	NSS/SWACHH BHARAT		2			
Grand Total				24 C			

7.7.18 P. G. S. 23/4/18
Raymond 22.04.18

Pranav 23/04/18

Handwritten signature

Handwritten signature 23/4/18

Tamil Nadu Physical Education and Sports University
MSc Sports Biomechanics CBCS Curriculum 2018-19
Credit Summary

Semester	Core (CGPA)	PRACTICAL (CGPA)	DSE (CGPA)	THESIS (CGPA)	GENERIC ELECTIVE (CGPA)	AEC (NON CGPA)	SEC (NON CGPA)	CO-CURRICULAR ACTIVITIES (NON CGPA)	Total
I	3*4=12C	2*2=4C	1*4=4C			1*2=2C (AEC-CS)		1*2=2C	24 C
II	3*4=12C	2*2=4C	1*4=4C				1*2=2C (SEC-FIT)	1*2=2C	24 C
III	3*4=12C	2*2=4C	1*4=4C		1*4=4C	1*2=2C (AEC-PD)		1*2=2C	28 C
IV	3*4=12C	2*2=4C	1*4=4C	10 C	1*4=4C				34 C
TOTAL	48 C	16 C	16 C	10 C	8 C	4 C	2 C	6 C	110

Y. L. h v. Cg 23/4/18

P. Man
23/04/18

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23.04.18

[Signature]
23/04/18

Programme - MSc., Sports Biomechanics and Kinesiology – 2018-19

Semester - III							
Part - I	Course Code	Name of the Course	Lecture	Credit	Internal	External	Total
Core courses	MSBCT 301	Mechanics of track and field performance	4	4	25	75	100
	MSBCT 302	Mechanics of Sports and games skills - I	4	4	25	75	100
	MSBCT 303	Research methods and statistical process in Sports Biomechanics	4	4	25	75	100
DSE	MSBDSE 301	Sports Technology	4	4	25	75	100
	MSBDSE 302	MATLAB					
Generic Elective			4	4	25	75	100
Part -II Practical	MSBCP301	Sports Biomechanics and Kinesiology	3	2	25	75	100
	MSBCP302	Technique of Sports and Games skills	3	2	25	75	100
Total CGPA					24 C		700
PART-III A NON CGPA	AEC	Personality Development	2	2 C			
PART-III B NON CGPA	Co curricular activities	Internship		2 C			
Grand Total					28 C		

Rajm
23.04.18

7-26-18

V. C. 23/4/18

P. 23/04/18

M. 23/4/18

23/4/18

Programme - MSc., Sports Biomechanics and Kinesiology – 2018-19

Semester-II							
Part -I	Course Code	Name of the Course	Lecture	Credit	Internal	External	Total
Core Theory	MSBC201	Kinesiology	4	4	25	75	100
	MSBC202	Biomechanical instrumentation and measurement	4	4	25	75	100
	MSBC203	Palpation technique & Kinanthropometry	4	4	25	75	100
DSE	MSBDSE 201	Exercise & Sports Physiology	4	4	25	75	100
	MSBDSE 202	Psychology of Sports Performance					
Part -II Core Practical	MSBCP201	Sports Biomechanics and Kinesiology	3	2	25	75	100
	MSBCP202	Techniques of Track & Field Events	3	2	25	75	100
Total				20 C			700
Part - III A NON CGPA	Skill Enhancement Course (SEC)	Fundamentals of Information Technology	2	2	25	75	100
PART III B NON CGPA	Co Curricular Activities	MOOC		2			
Grand Total				24 C			

Prof. V. G. 23/04/18
 7.7.18 V. G. 23/4/18

J. 23/04/18

23/04

Discipline Specific Elective

Sl. No	Odd semester DSE		Sl. No	Even semester DSE	
	Course code	Course name		Course code	Course name
1.	MSBDSE 101	Mathematics in biomechanics	1.	MSBDSE 201	Sports Physiology
2.	MSBDSE 102	Foundations of Fitness and Exercise Prescription	2.	MSBDSE 202	Psychology of Sports Performance
3.	MSBDSE 301	Sports Technology	3.	MSBDSE 401	Human Posture & Corrective exercise
4.	MSBDSE 302	MATLAB	4.	MSBDSE 402	Modelling and Simulation

Generic Elective

Sl. No	Odd semester GE		Sl. No	Even semester GE	
	Course code	Course name		Course code	Course name
1.	MSBGE 101	Kinesiology	1.	MSBGE 201	Sports Biomechanics

7.70L V.G.S. 23/4/18

Praveen 23/4/18

Ad

Rajesh 23.04.18

Aravindhan 23/4/18

Programme MSc., Sports Biomechanics and Kinesiology 2018-19

Semester - IV							
Part - I	Course Code	Name of the Course	Lecture	Credit	Internal	External	Total
Core courses	MSBCT 401	Mechanics of Sports and Games skills - II	4	4	25	75	100
	MSBCT 402	Human Gait	4	4	25	75	100
	MSBCT 403	Sports Performance Analysis	4	4	25	75	100
DSE	MSBDSE 401	Human Posture & Corrective exercise	4	4	25	75	100
	MSBDSE 402	Modelling and Simulation					
Generic Elective			4	4	25	75	100
Thesis				10	25	75	100
Part - II Practical	MSBCP 401	Sports Biomechanics and Kinesiology	3	2	25	75	100
	MSBCP 402	Technique of Sports and Games skills	3	2	25	75	100
Total	CGPA			34 C			900

M. L. K. : V. G. 23/4/18

P. Ram
23/04/18

M. L.

Raytri
23.04.18

Manikha
23/4/18

Core (CGPA)	Credits	UGC Regulations	Marks
Core subjects	48	64 Credits	1200
Core Practical	16		800
DSE	16	16 Credits	400
Generic elective	08	08 Credits	200
Thesis	10	10 Credits	100
Total (CGPA)	98	98 Credits	2700

Mandatory (Compulsory) NON CGPA

AEC	04		200
SEC	02	06 Credits	100

Co-curricular Activities

NSS/SWACHH BHARATH	02		
MOOC	02	06 Credits	
Internship	02		

Total	98 Credits	12 Credits	110 Credits	3000
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7.76%
 V. G. 23/4/18
 R. G. 23.04.18
 P. 23/04/18
 H. 23/4/18
 Suresh 23/4/18



AGENDA NO - 6

To consider and approve the Minutes of Board of Studies of Department of Exercise Physiology and Biomechanics in respect of modify of the syllabus for the following courses:

S.No	Name of the Programme
1	B.Sc., Exercise Physiology and Nutrition
2	M.Sc., Exercise Physiology and Nutrition

NOTES

The Meeting of the Board of Studies of Department of Exercise Physiology and Biomechanics was held on 23.04.2018 (Monday) by 10.30 a.m. in the Conference Hall, Tamil Nadu Physical Education and Sports University, Chennai with following members present viz., Dr. (Mrs). Grace Helina, Prof & Head, Department of Exercise Physiology and Biomechanics, Dr. Malai Mandal, Department of Exercise Physiology, SAI Centre, Netaji Subhas Southern Centre, Mysore Road, Bangalore, Dr. G. Ravindran, Principal, Koviloor Andavar College of Physical Education, Koviloor, Dr. Shiny, Sports Nutritionist, Sri Ramachandra Medical College, Chennai, Dr. M. Elayaraja, Associate Professor, Pondicherry University, Dr. R. Venkatesan, Assistant Professor, Department of Exercise Physiology and Biomechanics, TNPESU, Dr. P.K. Senthilkumar, Assistant Professor, Department of Exercise Physiology and Biomechanics, TNPESU, Dr. P. Rajinikumar, Assistant Professor, Department of Exercise Physiology and Biomechanics, TNPESU and Dr. J. Anitha, Assistant Professor (Statistics), Assistant Professor, Department of Exercise Physiology and Biomechanics, TNPESU



The Members of the Board Studies has resolved to approve the CBCS Regulation, framing and modification of syllabus pertaining to B.Sc., and M.Sc., Exercise Physiology and Nutrition

The above matter is placed before the Academic Council for consideration and approval.

- 1. Dr. M. S. Narayana, Director, Board Studies, Bangalore
- 2. Dr. M. S. Narayana, Director, Board Studies, Bangalore
- 3. Dr. M. S. Narayana, Director, Board Studies, Bangalore
- 4. Dr. M. S. Narayana, Director, Board Studies, Bangalore
- 5. Dr. P. Kalidhasan, Assistant Professor, Department of Physiology, Bangalore
- 6. Dr. J. S. Narayana, Assistant Professor, Department of Physiology, Bangalore
- 7. Dr. M. S. Narayana, Director, Board Studies, Bangalore
- 8. Dr. S. Narayana, Assistant Professor, Department of Physiology, Bangalore
- 9. Dr. M. S. Narayana, Director, Board Studies, Bangalore
- 10. Dr. M. S. Narayana, Director, Board Studies, Bangalore
- 11. Dr. M. S. Narayana, Director, Board Studies, Bangalore
- 12. Dr. M. S. Narayana, Director, Board Studies, Bangalore
- 13. Dr. M. S. Narayana, Director, Board Studies, Bangalore
- 14. Dr. M. S. Narayana, Director, Board Studies, Bangalore
- 15. Dr. M. S. Narayana, Director, Board Studies, Bangalore
- 16. Dr. M. S. Narayana, Director, Board Studies, Bangalore
- 17. Dr. M. S. Narayana, Director, Board Studies, Bangalore
- 18. Dr. M. S. Narayana, Director, Board Studies, Bangalore
- 19. Dr. M. S. Narayana, Director, Board Studies, Bangalore
- 20. Dr. M. S. Narayana, Director, Board Studies, Bangalore

Tamil Nadu Physical Education and Sports University
Chennai- 127

Board of Studies – Department of Exercise Physiology & Nutrition

The meeting of the Board of Studies was held at 10.30 a.m. on 23.4.2018 (Monday). in the Conference Hall of Tamil Nadu Physical Education and Sports University, Chennai – 127. The following members were present.

1.	Dr. (Mrs). Grace Helina, Prof & Head, Department of Exercise Physiology and Biomechanics, TNPESU
2.	Dr. Vasanthi, Department of Physiology, Sri Ramachandra Medical University, No – 1, Ramachandra Nagar, Chennai – 600 116.
3.	Dr. Malai Mandal, Department of Exercise Physiology, SAI Centre, Netaji Subhas Southern Centre, Mysore Road, Bangalore – 560 056.
4.	Dr. G. Ravindran, Principal, Koviloor Andavar College of Physical Education and Sports Sciences, Koviloor Madalayam, Koviloor – 630 307.
5.	Dr. Shiny, Sports Nutritionist, Sri Ramachandra Medical, No – 1, Ramachandra Nagar, Chennai – 116.
6.	Dr. Ilayaraja, Associate Professor, Pondicherry University, Kalapet, Puducherry – 605 014.
7.	Dr. R. Venkatesan, Assistant Professor, Department of Exercise Physiology and Biomechanics, TNPESU
8.	Dr. P.K. Senthilkumar, Assistant Professor, Department of Exercise Physiology and Biomechanics, TNPESU
9.	Dr. P. Rajinikumar, Assistant Professor, Department of Exercise Physiology and Biomechanics, TNPESU
10.	Dr. J. Anitha, Assistant Professor, (Statistics), Department of Exercise Physiology and Biomechanics, TNPESU
11.	Dr. V. Muruguvalavan, Assistant Professor cum Medical Officer, University Health Centre, TNPESU
12.	Mr. C. Manoj, Physiotherapist, University Health Centre, TNPESU
13.	Dr. Rengarajan, Teaching Assistant (Tamil), TNPESU (Special Invitee)
14.	Dr. Vairavan, Assistant Professor (English), AMIT University, 135, East Coast Road, Kanathur - 603112, Chennai, (Special Invitee)

Dr. Vasanthi, Department of Physiology, Sri Ramachandra Medical
University was absent.



MINUTES OF THE BOARD OF STUDIES

It was resolved to approve the CBCS, regulation, framing and modification of syllabus pertaining to B.Sc., and M.Sc., Exercise Physiology and Nutrition.

The Committee after finalizing the above course recommended to the Academic Council for the approval of the Syllabi.

1.	Dr. (Mrs). Grace Helina, Prof & Head, Department of Exercise Physiology and Biomechanics, TNPESU	<i>Grace Helina</i> 21/4/18
2.	Dr. Vasanthi, Department of Physiology, Sri Ramachandra Medical University, No – 1, Ramachandra Nagar, Chennai – 600 116.	ABSENT
3.	Dr. Malal Mandal, Department of Exercise Physiology, SAI Centre, Netaji Subhas Southern Centre, Mysore Road, Bangalore – 560 056.	<i>Malal Mandal</i> 23/04/2018
4.	Dr. G. Ravindran, Principal, Koviloor Andavar College of Physical Education and Sports Sciences, Koviloor Madalayam, Koviloor – 630 307.	<i>G. Ravindran</i> 23/4/18
5.	Dr. Shiny, Sports Nutritionist, Sri Ramachandra Medical, No – 1, Ramachandra Nagar, Chennai – 116. <i>M. FLAVARAJA</i>	<i>Shiny</i>
6.	Dr. Hayeraja, Associate Professor, Pondicherry University, Kalapet, Puducherry – 605 014.	<i>M. Hayeraja</i>
7.	Dr. R. Venkatesan, Assistant Professor, Department of Exercise Physiology and Biomechanics, TNPESU	<i>R. Venkatesan</i>
8.	Dr. P.K. Senthilkumar, Assistant Professor, Department of Exercise Physiology and Biomechanics, TNPESU	<i>P.K. Senthilkumar</i>
9.	Dr. P. Rajinikumar, Assistant Professor, Department of Exercise Physiology and Biomechanics, TNPESU	<i>P. Rajinikumar</i>
10.	Dr. J. Anitha, Assistant Professor, (Statistics), Department of Exercise Physiology and Biomechanics, TNPESU	<i>J. Anitha</i>



11	Dr. V. Muruguvalavan, Assistant Professor cum Medical Officer, University Health Centre, TNPESU	
12	Mr. C. Manoj, Physiotherapist, University Health Centre, TNPESU	
13	Dr. Rengarajan, Teaching Assistant (Tamil), TNPESU (Special Invitee)	Body 23/4/18
14	Dr. Vairavan, Assistant Professor (English), AMET University, 135, East Coast Road, Kanathur - 603112, Chennai, (Special Invitee)	 23/4/18

Tamil Nadu Physical Education and Sports University
Chennai- 127

Board of Studies Meeting of Physical Education

The Meeting of the Board of Studies of Department of Exercise Physiology and Sports Biomechanics was held on 08.06.2016 (Wednesday) by 10.30 a.m. in the Syndicate Hall of Tamil Nadu Physical Education and Sports University, Chennai - 127. The following members were present for the Meeting.

S.No	Name & Designation
1.	Dr. (Mrs). Grace Helina, Prof & Head, Department of Exercise Physiology and Biomechanics, Tamil Nadu Physical Education and Sports University, Chennai
2.	Dr. N. Govindarajulu, Principal, Sri Renugambal College of Physical Education, C.C. Road, Ettivadi, Polur - 606907, Tiruvanamalai District
3.	Dr. Jothi, Associate Professor, YMCA College of Physical Education, Nandanam, Chennai
4.	Dr. P. Rajinikumar, Assistant Professor, Department of Exercise Physiology and Biomechanics, TNPESU, Chennai (Special Invitee)

The following members were absent viz., The Principal, Sri Saradha College of Physical Education for Women, Fairlands, Salem Dr. Selvam, Professor, Department of Physical Education, Annamalai University, Annamalai Nagar, Chidambaram Dr. A. Shenbagavalli, Principal, Mother Terasa College of Physical Education, Mettusalai, Illuppur (Po), Pudukottai District - 622102.

MINUTES OF THE BOARD OF STUDIES MEETING

Item No - 1

To Consider and approve the Syllabus pertaining to revision of Syllabus pertaining to M.Sc., Sports Biomechanics and Kinesiology under regular mode.

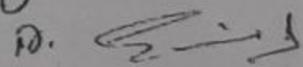
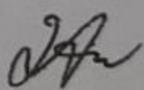
Resolved to approve the revision of Syllabus by incorporating new units and papers pertaining to M.Sc., Sports Biomechanics and Kinesiology under regular mode and the same may be implemented from the Academic Year 2016-2017.

It was resolved that the eligibility criteria for the M.Sc., Sports Biomechanics and Kinesiology admission is changed as Any Science Degree / Physical Education Degree / Any Degree with Diploma in Sports Biomechanics and Kinesiology.

Further it was resolved to approve the inclusion of the following subjects:

1. DR. GRACE HELINA - *[Signature]*
2. DR. P. RAJINIKUMAR - *[Signature]*
3. DR. GOVINDARAJULU - *[Signature]*
4. DR. K. JOTHI - *[Signature]*

1	Applied Anatomy and Physiology (Core paper)	Semester-I
2	Basic Biomechanics (Core paper)	Semester-I
3	Biomechanical Analysis of Gait and Posture (Core paper)	Semester-I
4.	Mathematics in Biomechanics (Elective Paper)	Semester-I
5.	MATLAB (Core paper)	Semester-II
6.	Biomechanics software and computer applications in Biomechanics (Elective Paper)	Semester-II
7.	Biomechanics of Asanas (Elective Paper)	Semester-III
8	Sports Psychology and Sociology (Elective Paper)	Semester-III
9.	Internship programme	Semester-III
10.	Kinanthropometry (Core paper)	Semester-IV

1. ~~Instructor~~ Dr. GRACE HELINA
2. Dr. P. RAJINKUMAR - 
3. Dr. GOVINDARAJULU - 
4. Dr. K. Jothi - 



தமிழ்நாடு உடற்கல்வியியல் மற்றும் விளையாட்டு பல்கலைக்கழகம்
TAMILNADU PHYSICAL EDUCATION AND SPORTS UNIVERSITY, CHENNAI
Accredited with "B++" Grade by NAAC
India's First State University in Physical Education and Sports

Dr. T. Radhakrishnan
Registrar

No. TNPESU/Regr/BOS – Bio.Mec./2018-1

Date: 13.04.2018

To

1	Dr. (Mrs). Grace Helina, Prof & Head, Department of Exercise Physiology and Biomechanics, TNPESU
2	Dr. P. Rajinikumar, Assistant Professor, Department of Exercise Physiology and Biomechanics, TNPESU
3	Dr.Gopinathan, Professor, Dept. of Physical Education and Sports Sciences, Annamalai University, Chidambaram. Cell: 9443184750
4	Dr. Dobson Dominic, Head of the Department, PMR & Sports Medicine, Chettinadu University, Kelambakkam, Chennai. Cell: 9443328414
5	Dr. Manivannan, Professor, Dept. of Applied Mechanics, Indian Institute of Technology (IITM), Chennai.
6	Dr. Praveen, Dept. Sports Biomechanics, Sports Authority of India, Bangalore
7	Dr. Pandithevan, Assistant Professor, School of Mechanical Engg. Indian Institute of Technology for Design and Manufacturing (IITDM), Kancheepuram. Cell: 9566068420

Sir / Madam,

Sub: Tamil- Nadu Physical Education and Sports University – Department of
Exercise Physiology and Biomechanics – Meeting of Board of Studies – Date Intimation
- reg.

I am by direction to inform that the Board of Studies for the Department of Exercise
Physiology and Biomechanics of Tamil Nadu Physical Education and Sports University is
scheduled to be held on 23.04.2018 (Monday) by 10.30 a.m. in the Syndicate Hall of this
University.

In this connection, I request you to kindly make it convenient to attend the meeting. Eligible
TA / DA, and Honorarium will be paid as per University norms.

Thanking you,

Yours faithfully,

REGISTRAR
Registrar

Tamil Nadu Physical Education
and Sports University
Melakottaiyur,
Chennai - 600 127

Copy to

1. The Finance Officer (Disbursement of TA/DA etc., Accommodation and Hospitality)
2. The Controller of Examinations
3. The NAAC Coordinator

Tamil Nadu Physical Education and Sports University

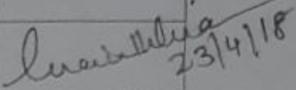
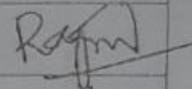
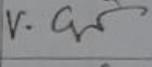
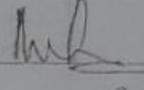
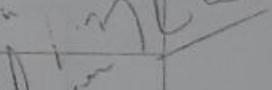
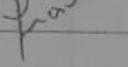
Dept. of Exercise Physiology and Biomechanics

MSc., Sports Biomechanics and Kinesiology

Board of Studies Meeting on 23.04.2018

The Board of Studies meeting for MSc., Sports Biomechanics and Kinesiology was held at the administrative building on 23.04.2018 at 10.30 am.

Members Present

Sl. No	Name	Designation	Signature
1.	Dr. (Mrs). Grace Helina	Prof & Head, Dept. Exercise Physiology and Biomechanics, TNPESU	 23/4/18
2.	Dr. P. Rajinikumar	Asst. Prof. Dept. Exercise Physiology and Biomechanics, TNPESU	
3.	Dr. V. Gopinath	Prof Dept. of Physical Education, Annamalai University	
4.	Dr. Dobson Dominic	HOD, PMR & Sports Medicine, Chettinadu university, Chennai	
5.	Dr. Manivannan	Professor, Dept. of Applied Mechanics, IITM, Chennai	
6.	Dr. Praveen	Dept. of Biomechanics, SAI, Bangalore	

It was resolved to implement the CBCS curriculum in MSc., Sports Biomechanics and Kinesiology from the academic year 2018-19 with the following changes.

1. Replacing the Biomechanics of asanas course with Sports Technology as Discipline Specific Elective.
2. To Change the Applied anatomy course name as functional anatomy
3. The maximum strength of the MSc Sports Biomechanics and Kinesiology to be 20 students.
4. The Internship may be done with Sports Biomechanics lab / renowned Sports science centres / IIT Madras / Chettinadu Academy of Research Institute/ or any other suitable centre of sports.
5. The fee structure, percentage of attendance, and the examination pattern will go in accordance with university system.
6. The maximum duration of the course is 4 years right from the admission into the course.
7. The credits for thesis is increased from 06 credits to 10 credits to a total 110 credits. - Subject to the approval of CBCS committee.

Tamil Nadu Physical Education and Sports University

Programme - MSc., Sports Biomechanics and Kinesiology – 2018-19

Semester – I							
Part –I	Course Code	Name of the Course	Lecture	Credit	Internal	External	Total
Core Theory	MSBCT 101	Functional Anatomy and Physiology	4	4	25	75	100
	MSBCT 102	Basic Biomechanics	4	4	25	75	100
	MSBCT 103	Dynamics of motor skill acquisition	4	4	25	75	100
DSE	MSBDSE 101	Mathematics in biomechanics	4	4	25	75	100
	MSBDSE 102	Foundations of Fitness and Exercise Prescription			25	75	100
Part –II Core Practical	MSBCP101	Sports Biomechanics and Kinesiology	3	2	25	75	100
	MSBCP102	Techniques of Track & Field Events	3	2	25	75	100
Total	CGPA			20 C			600
Part – III A NON CGPA	AEC	Communicative skills	2	2	25	75	100
PART – III B NON CGPA	Co Curricular Activities	NSS/SWACHH BHARAT		2			
Grand Total				24 C			

7.7.18
Raymond
22.04.18

Pranav
23/01/18

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23/4/18

Tamil Nadu Physical Education and Sports University
MSc Sports Biomechanics CBCS Curriculum 2018-19
Credit Summary

Semester	Core (CGPA)	PRACTICAL (CGPA)	DSE (CGPA)	THESIS (CGPA)	GENERIC ELECTIVE (CGPA)	AEC (NON CGPA)	SEC (NON CGPA)	CO-CURRICULAR ACTIVITIES (NON CGPA)	Total
I	3*4=12C	2*2=4C	1*4=4C			1*2=2C (AEC-CS)		1*2=2C	24 C
II	3*4=12C	2*2=4C	1*4=4C				1*2=2C (SEC-FIT)	1*2=2C	24 C
III	3*4=12C	2*2=4C	1*4=4C		1*4=4C	1*2=2C (AEC-PD)		1*2=2C	28 C
IV	3*4=12C	2*2=4C	1*4=4C	10 C	1*4=4C				34 C
TOTAL	48 C	16 C	16 C	10 C	8 C	4 C	2 C	6 C	110

Y. L. h v. Cg 23/4/18

P. Man
23/04/18

[Signature]

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23.04.18

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23/04/18

Programme - MSc., Sports Biomechanics and Kinesiology – 2018-19

Semester - III							
Part - I	Course Code	Name of the Course	Lecture	Credit	Internal	External	Total
Core courses	MSBCT 301	Mechanics of track and field performance	4	4	25	75	100
	MSBCT 302	Mechanics of Sports and games skills – I	4	4	25	75	100
	MSBCT 303	Research methods and statistical process in Sports Biomechanics	4	4	25	75	100
DSE	MSBDSE 301	Sports Technology	4	4	25	75	100
	MSBDSE 302	MATLAB					
Generic Elective			4	4	25	75	100
Part -II Practical	MSBCP301	Sports Biomechanics and Kinesiology	3	2	25	75	100
	MSBCP302	Technique of Sports and Games skills	3	2	25	75	100
Total CGPA					24 C		700
PART-III A NON CGPA	AEC	Personality Development	2	2 C			
PART-III B NON CGPA	Co curricular activities	Internship		2 C			
Grand Total					28 C		

Rajm
23.04.18

7-26-18

V. C. 23/4/18

P. 23/04/18

M. 23/4/18

M. 23/4/18

Programme - MSc., Sports Biomechanics and Kinesiology – 2018-19

Semester-II							
Part -I	Course Code	Name of the Course	Lecture	Credit	Internal	External	Total
Core Theory	MSBC201	Kinesiology	4	4	25	75	100
	MSBC202	Biomechanical instrumentation and measurement	4	4	25	75	100
	MSBC203	Palpation technique & Kinanthropometry	4	4	25	75	100
DSE	MSBDSE 201	Exercise & Sports Physiology	4	4	25	75	100
	MSBDSE 202	Psychology of Sports Performance					
Part -II Core Practical	MSBCP201	Sports Biomechanics and Kinesiology	3	2	25	75	100
	MSBCP202	Techniques of Track & Field Events	3	2	25	75	100
Total				20 C			700
Part - III A NON CGPA	Skill Enhancement Course (SEC)	Fundamentals of Information Technology	2	2	25	75	100
PART III B NON CGPA	Co Curricular Activities	MOOC		2			
Grand Total				24 C			

Prof. V. G. 23/04/18
 7.7.18 V. G. 23/4/18

J. 23/04/18

23/04

Programme MSc., Sports Biomechanics and Kinesiology 2018-19

Semester - IV							
Part - I	Course Code	Name of the Course	Lecture	Credit	Internal	External	Total
Core courses	MSBCT 401	Mechanics of Sports and Games skills - II	4	4	25	75	100
	MSBCT 402	Human Gait	4	4	25	75	100
	MSBCT 403	Sports Performance Analysis	4	4	25	75	100
DSE	MSBDSE 401	Human Posture & Corrective exercise	4	4	25	75	100
	MSBDSE 402	Modelling and Simulation					
Generic Elective			4	4	25	75	100
Thesis				10	25	75	100
Part - II Practical	MSBCP 401	Sports Biomechanics and Kinesiology	3	2	25	75	100
	MSBCP 402	Technique of Sports and Games skills	3	2	25	75	100
Total	CGPA			34 C			900

M. L. K. : V. G. 23/4/18

P. Ram
23/04/18

M. L.

Raytri
23.04.18

Manikha
23/4/18

Core (CGPA)	Credits	UGC Regulations	Marks
Core subjects	48	64 Credits	1200
Core Practical	16		800
DSE	16	16 Credits	400
Generic elective	08	08 Credits	200
Thesis	10	10 Credits	100
Total (CGPA)	98	98 Credits	2700

Mandatory (Compulsory) NON CGPA

AEC	04		200
SEC	02	06 Credits	100

Co-curricular Activities

NSS/SWACHH BHARATH	02		
MOOC	02	06 Credits	
Internship	02		

Total	98 Credits	12 Credits	110 Credits	3000
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7.76%
 V. G. 23/4/18
 R. G. 23.04.18
 P. 23/04/18
 H. 23/4/18
 Suresh 23/4/18

Tamil Nadu Physical Education and Sports University
Chennai - 127

Department of Physical Education - Board of Studies

The Meeting of the Board of Studies was held on 13.06.2019 at 11.00 a.m. in the Department of Physical Education of Tamil Nadu Physical Education and Sports University. The following members were present at the meeting:

S.No	Name of the Member
1	Dr.S.Thirumalaikumar, Professor & Head, Department of Physical Education, Tamil Nadu Physical Education and Sports University, Chennai
2	Dr.S.Manikandan, Professor, Department of Physical Education Tamil Nadu Physical Education and Sports University, Chennai
3	Dr.P.Kumaravelu, Assistant Professor, Department of Physical Education TNPESU
4	Dr.I.Lilly Pushpam, Assistant Professor, Department of Physical Education, TNPESU
5	Dr. R. Subramanian, Prof & Head, Department of Advanced Sports Training and Technology, TNPESU
6	Dr. S. Selvalakshmi, Assistant Professor & Head i/c., Department of Yoga, TNPESU
7	Dr. V. Shelvam, Head, Department of Physical Education, Annamalai University, Chidambaram
8	Dr. George Abraham, Principal, YMCA College of Physical Education, Chennai
9	Dr. P.K. Subramaniam, Prof & Head, Department of Physical Education, Pondicherry University, Puducherry.
10	Dr. P. Johnson, Principal, University College of Physical Education and Sports Sciences, Acharya Nagarjuna University, Guntoor, Andra Pradesh

Leave of absence was granted to Dr. (Mrs). Grace Helina, Prof & Head, Department of Exercise Physiology and Biomechanics, TNPESU.

Minutes of the Board of Studies

To consider and approve the Regulation and Syllabus for the Value Added Certificate to be offered through Department of Physical Education from the Academic Year 2019-2020 as follows:

S.no	Name of the Certificate Courses
1	Certificate Course in Adapted Physical Education and Inclusive Games
2	Certificate Course in Pedagogy of Teaching in Physical Education
3	Certificate Course in Pedagogy of Training in Physical Education
4	Certificate Course in Pedagogy of Testing in Physical Education
5	Certificate Course in Construction, Maintenance and Repair of Play Fields and Sports Equipment
6	Certificate Course in Silambam Fencing
7	Certificate Course in Kalaripayattu
8	Certificate Course in Tamil Traditional Games
9	Certificate Course in Anthropometry
10	Certificate Course in Wellness Trainer

Resolved to approve the same. Further it was resolved that the value added Certificate Programme shall be of duration of 35 hours during the holidays consists of both theoretical and practical classes. Classes will be conducted during holidays and free hours without affecting regular classes (Entire Certificate Course's regulation and syllabus for the above said value added courses is appended).



TAMIL NADU PHYSICAL EDUCATION AND SPORTS UNIVERSITY
Chennai- 600 127

Department of Physical Education

Minutes of the Board of Studies Meeting of Physical Education – 23.4.2018

The Board of Studies Meeting in Physical Education of this University was held on 23.4.2018_(Monday) by 11.00 a.m. ^{at 11.00} Department of Physical Education, Tamil Nadu Physical Education and Sports University.

The following members were presented.

S.No	Name & Designation
1.	Dr. S. Thirumalaikumar, Professor & Head, Department of Physical Education, Tamil Nadu Physical Education and Sports University, Chennai – 127.
2.	Dr R.L. Sudhan Paulraj, Professor & Head, Department of Physical Education, Annamalai University, Annamalai Nagar
3.	Dr. George Abraham, Principal, YMCA College of Physical Education, Chennai – 35.
4.	Dr. Amsa Natarajan Principal, Sri Saradha College of Physical Education for Women, Salem
5.	Dr.S.Manikandan Professor, Department of Physical Education, Tamil Nadu Physical Education and Sports University, Chennai – 127.
6	Dr.P.Kumaravelu, Assistant Professor, Department of Physical Education, Tamil Nadu Physical Education and Sports University, Chennai – 127.
7	Dr.I.Lilly Pushpam, Assistant Professor, Department of Physical Education, Tamil Nadu Physical Education and Sports University, Chennai – 127.
8	Dr.P.Muthukumar, Alumni Student
9	Mr. D.Kabilan, Alumni Student
10	Mr. G.F. Jamal Sherif, Ph.D Scholar
11	Mr. R.Manoj Kumar, BPEd Student

Agenda No- I

To consider and approve the implementation of B.P.Ed., - Two Years course with Choice Based Credit System and Preparation / Modification of Regulation/ Syllabus offered in the University Department and Affiliated Colleges.



Resolved to approve the implementation of B.P.Ed., - Two Years course with Choice Based Credit System in the following course structure.

- Part I - Theory
(Core, Discipline Specific Elective and Generic Elective)
- Part II - Practicum
- Part III - Internship
- Part IV - Ability and Skill Enhancement Courses
(Ability Enhancement Compulsory Courses, Skill Enhancement Courses and Co- Curricular Courses)

Agenda no- II

To consider and approve the implementation of M.P.Ed., - Two Years course with Choice Based Credit System and Preparation, Modification of Regulation Syllabus offered in the University Department and Affiliated Colleges.

Resolved to approve the implementation of M.P.Ed., - Two Years course with Choice Based Credit System in the following course structure.

- Part I - Theory
(Core, Discipline Specific Elective and Generic Elective)
- Part II - Practicum
- Part III - Internship
- Part IV - Ability and Skill Enhancement Courses
(Ability Enhancement Compulsory Courses, Skill Enhancement Courses and Co- Curricular Courses)

Agenda no- III

To consider and approve the implementation regulation on 'Attendance'

Resolved to approve the following regulation on 'Attendance'

- 1) A Student must have 90% attendance in theory and practical classes to appear for university examination.



- 2) A maximum of 10 % of relaxation shall be permitted for the medical reasons . He / she must produce a reliable Medical Certificate with prior permission and following the due procedures.
- 3) A candidate with 80% to 89% shall not be permitted to write the examination in the current semester. However he^{she} may be permitted to appear in the next semester by carry over provided he/she must compensate the attendance by attending additional classes.
- 4) A candidate with 79% and below shall not be permitted to write the examination in the current semester. He/she should REDO the semester.

Agenda no- IV

To consider and approve the implementation regulationⁿ on Inter University Sports Participation and Special Permission for University Examination

Resolved to approve the following regulation on Inter University Sports Participation and Special Permission for University Examination

A student representing the University / State / Nation in a game or sport and misses the University Semester Examination will appear for a special supplementary University Examination as stipulated by the University. Special permission may be granted by the controller of examination as per the rules and regulations of the university examinations provided the request must be submitted through proper channel well in advance. The Special Examinations will be conducted in the University Main Campus , Chennai 600127 only.

Agenda no- V Resolved to approve the following regulation Peer Group Teaching and Discussion Concept

BPEd and MPEd are Teacher Training Courses in Physical Education, to inculcate the teaching and discussion habits on the subject matter Peer Group Teaching and Discussion Concept(PGTDC) is included in the syllabus. Teachers of the concerned subjects are asked to encourage the students in this activity

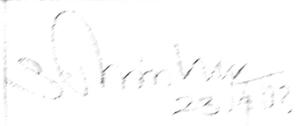
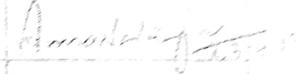
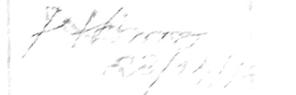
Agenda no- VI



To consider and approve the Board of Examiners for the courses related to Physical Education offered by this University Department and Affiliated Colleges.

Resolved to approve Board of Examiners recommended by the Board of Studies. Detailed List of Board of Examiners with Name, Designation and Contact details are enclosed.

Signed on 23.04.2018

S.No	Name & Designation	Signature
1.	Dr. S. Thirumalaikumar, Professor & Head, Department of Physical Education, Tamil Nadu Physical Education and Sports University, Chennai – 127.	 23/4/18
2.	Dr R.L. Sudhan Paulraj, Professor & Head, Department of Physical Education, Annamalai University, Annamalai Nagar	
3.	Dr. George Abraham, Principal, YMCA College of Physical Education, Chennai – 35.	
4.	Dr. Amisa Natarajan Principal, Sri Saradha College of Physical Education for Women, Salem	
5.	Dr.S.Menikandan Professor, Department of Physical Education, Tamil Nadu Physical Education and Sports University, Chennai – 127.	
6.	Dr.P.Kumaravelu, Assistant Professor, Department of Physical Education, Tamil Nadu Physical Education and Sports University, Chennai – 127.	
7.	Dr.L.Lilly Pushpam, Assistant Professor, Department of Physical Education, Tamil Nadu Physical Education and Sports University, Chennai – 127.	
8.	Dr.P.Muthukumar, Alumni Student	
9.	Mr. D.Kabilan, Alumni Student	
10.	Mr. G.F. Jamal Sherif, Ph.D Scholar	
11.	Mr. R.Manoj Kumar, BPED Student	

To consider and approve the Board of Examiners for the courses related to Physical Education offered by this University Department and Affiliated Colleges.

Resolved to approve Board of Examiners recommended by the Board of Studies. Detailed List of Board of Examiners with Name, Designation and Contact details are enclosed.

Signed on 23.04.2018

S.No	Name & Designation	Signature
1.	Dr. S. Thirumalaikumar, Professor & Head, Department of Physical Education, Tamil Nadu Physical Education and Sports University, Chennai - 127.	<i>[Signature]</i>
2.	Dr. R.L. Sudhan Paulraj, Professor & Head, Department of Physical Education, Annamalai University, Annamalai Nagar	<i>[Signature]</i>
3.	Dr. George Abraham, Principal, YMC & College of Physical Education, Chennai - 37.	<i>[Signature]</i>
4.	Dr. Amsa Nataraju Principal, Sr. Sarada College of Physical Education for Women, Salem	<i>[Signature]</i>
5.	Dr. S. Menikandan Professor, Department of Physical Education, Tamil Nadu Physical Education and Sports University, Chennai - 127.	<i>[Signature]</i>
6.	Dr. P. Kumaravelu, Assistant Professor, Department of Physical Education, Tamil Nadu Physical Education and Sports University, Chennai - 127.	<i>[Signature]</i>
7.	Dr. L. Lilly Pushpam, Assistant Professor, Department of Physical Education, Tamil Nadu Physical Education and Sports University, Chennai - 127.	<i>[Signature]</i>
8.	Dr. P. Muthukumar, Alumni Student	<i>[Signature]</i>
9.	Mr. D. Kabilan, Alumni Student	<i>[Signature]</i>
10.	Mr. G.F. Jamal Sherif, Ph.D. Scholar	<i>[Signature]</i>
11.	Mr. R. Manoj Kumar, BPEd Student	<i>[Signature]</i>



V. J. S.
Registrar
Tamilnadu Physical Education
and
Sports University
Chennai